

Amir Hossein Hamidian

DOB: 23rd May 1975 Kashan, Iran

Married

Residency Address: No.9, 5th Fl., #8,
Orkideh St., South Homayoonshahr St.,
Sattarkhan, Tehran, Iran.



Contact Numbers:

a) Mobile: +98- 912 477 4245

b) Work: +98- 261 222 9721

c) Home: +98- 21 6653 1363

d) E-mail: a.hamidian@ut.ac.ir

Spoken Languages: Native Persian, Fluent English,
Basic Arabic, Basic Chinese

Current position:

Academician, Iran Academy of Sciences, June 2024-Present
Professor, University of Tehran, 2018-Present

Previous Positions:

Associate Professor, 2014-2018

Assistant Professor, 2010-2014

PhD student, 2005-2009

2. Education history:

- **Ph.D.**, Environmental Engineering, 2009, University of Otago, Dunedin, New Zealand
- **M.Sc.**, Natural Resources Engineering – Environment, 2000, University of Tehran, Iran
- **B.Sc.**, Natural Resources Engineering – Environment, 1998, University of Tehran, Iran

3. Awards and Letters of Appreciation:

- Chinese Academy of Sciences, Presidential International Fellowship: 2024-2025
- Erasmus+ Mobility Grant, Universitat Autònoma de Madrid, Spain, 2022
- Chinese Academy of Sciences, Presidential International Fellowship: 2021-2022
- Chinese Academy of Sciences, Presidential International Fellowship: 2018-2019
- Chinese Academy of Sciences, Presidential International Fellowship: 2016-2017
- Best Teaching Award, UTCAN, 2015

- The USA National Academy of Science, Smithsonian Fellowship, 2012
- Postgraduate Publishing Bursary, University of Otago, 2009
- Division of Science Ph.D. Scholarship, University of Otago, 2008
- University of Otago Conference Fund, 2008
- University of Otago Ph.D. Scholarship, 2007
- New Zealand Institute of Chemistry (NZIC) Conference Fund, 2006
- The Royal Australian Chemical Institute Inc. (RACI) Conference Fund, 2006
- Ecology Fund, University of Otago, Dunedin, New Zealand, 2006
- Ph.D. Scholarship, Ministry of Science, Research and Technology of Iran, and Tehran University, 2002
- First award of Practical and Theoretical competition in Laboratory Science, Isfahan province, Iran, 1991
- Second award in Book Reading Competition, Kashan, Iran, 1991
- First award of the most top student in pre-university studies (all grades)

3. Teaching Experiences

- **B.Sc.:** Waste Management, Environmental Pollution, Principles of Environmental Science, Human and Environment, Environmental Knowledge, Environmental Chemistry, Soil and Water Pollution, English for Academic Purposes
- **M.Sc.:** Wastewater Treatment (for Civil Engineers), Industrial Pollution, Pollutants Chemistry, Wastes and their Recycling, Advanced Environmental Pollution, Landfill Siting and Design, Pollution Monitoring, Research Methodology
- **Ph.D.:** Energy and Environment, Trace Elements in the Environment, Interactions of Human and Environment, Pollution Control
- **International Courses:** Marine Pollution (Environmental Management courses in English)

4. Experiences:

- Editorial board of Journal of Nanotechnology and Smart Materials, 2025-Present
- Editorial board of Journal of Chemical Engineering and Catalysis, 2025-Present
- Editorial board of Journal of Environmental Pollution and Control (JEPC), 2025-Present
- Editorial Board of International Journal of Food and Human Nutrition Science, 2025-Present
- Editorial Board of Journal of Chemical Engineering and Catalysis, 2025-Present
- Editorial Board of Journal of Asian Scientific Research, 2025-Present
- Editorial Board of Recent Progress in Sciences, 2025-Present
- Editorial Board of Water Resources and Hydropower Engineering (Journal of Ministry of Water Resources of the People's Republic of China), 2025-Present
- Editorial board of Journal Environmental Research and Ecotoxicity, 2025-Present
- Editorial Board of Journal of Aquaculture Research, 2025-Present
- Editorial board of Advances in Environmental and Engineering Research, 2024- Present
- Lecturer, 2024 Water and Sanitation Training Courses, Microplastics in Water; Detection, Effects & Removal, CAS-TWAS-CEWE, 21st October-2nd November 2024, Beijing, China

- Iranian leader of the ANSO International network, the One-Belt-One-Road Environmental Technology and Industry Alliance (ETIA), 2023-2026
- Editorial board of Resources, 2023- Present
- Guest Editor of Ecotoxicology and Environmental Safety (Special Issue: Degradation of (micro-)plastics in the environment and the effects on their fate and behavior), 2023
- Editorial board of Frontiers of Environmental Science, 2022- Present
- Iranian leader of the ANSO collaborative research, Investigating the transcontinental-scale distribution of antibiotic resistance along the Belt and Road initiative countries, 2020-2023
- Iranian leader of the Silk Road Science Fund (SRSF), joint research project between Iran National Science Foundation (INSF) and Chinese Academy of Sciences (CAS), Occurrence, fate, and behavior of microplastics in natural wetland systems, 2019-Present
- Professor, Department of Environment, Faculty of Natural Resources, University of Tehran, Iran, 2019- Present
- Project Manager, Investigating microplastic and metal pollution and their interactions in surface water runoff in Tehran, 2019-2020, Tehran Municipality
- Editor-in-Chief, Journal of Natural Environment, University of Tehran, 2017- 2022
- Referee of the Iranian National Science Fund, 2017- Present
- Member of Air Commission of the University of Tehran, 2017 –Present
- Director of the International Research Center for Water and Environment (IRCWE.ut.ac.ir), UT, 2016 – Present
- Establishment of the International Research Center for Water and Environment (IRCWE.ut.ac.ir), UT, 2016
- Project Manager, Studying the environmental status of Chalous rivers and their environmental accounting, 2015-2017 Department of Environment, Iran
- Member of Water Commission of the University of Tehran, 2015 –Present
- Project Manager, Determination of heavy metal concentration in soils around Khatoon Abad Copper Mine, 2015-2016, Iran National Copper Company
- Associate Professor, Department of Environment, Faculty of Natural Resources, University of Tehran, Iran, 2014- 2020
- Project Manager, Determination of environmental flow requirements of Rivers in Ardabil province, 2014-2016 Department of Environment, Iran
- Editor, Journal of Innovative Infrastructure Solutions, Springer, 2014-2020
- Project Manager, An investigation of the possibility of mercury phytoremediation from Bandar Imam Chlor-alkali plants' wastewater using three endemic plant species, 2014-2015, Bandar Imam Petrochemical Complex
- Project Manager, Level of heavy metals exposed by farm soils and domestic plants of Darreh Zereshk, 2014-2015, Iran National Copper Company
- Project Manager, Distribution of trace elements in soil and plants of Darreh Zereshk rangelands, 2013-2015, Iran National Copper Company
- Project Manager, Potential application of rodents for metal biomonitoring in Darreh Zereshk, 2013-2014, Iran National Copper Company
- Project Manager, Phytoremediation of heavy metals (Cd, Pb and V) in Bidboland gas refinery wastewater using reed (*Phragmites australis*), 2011-2012, Bid-Bolad gas refinery
- Technical Manager, Journal of Natural Environment, Faculty of Natural Resources, University of Tehran, Iran, 2010-2015

- Head of the Laboratories of Environmental Pollution and Soil and Water Pollution, Department of Environment, Faculty of Natural Resources, University of Tehran, Iran, 2010- present
- Assistant Professor, Department of Environment, Faculty of Natural Resources, University of Tehran, Iran, 2010- 2014
- Participation in Teaching Experiences Workshop, University of Tehran, 2010
- Participation in preparing a scientific documentary: education of science and biotechnology, Copeland Wilson & Associates Limited Media, New Zealand, 2009
- Participation in Preparing for Academic Careers Workshop with certificate, August-October 2008
- Chartered Chemist (CChem) of the RACI from February 2007
- Participation in CLIVAR (Climate Variation) I8S Research Cruise, February and March 2007, Roger Revelle R/V, Indian Ocean, Antarctica to Australia
- CHEM111 (Molecular Architecture), CHEM112 (Biological Chemistry), CHEM191 (The Chemical Basis of Biology and Human Health) laboratory demonstrator, Chemistry Department, Otago University, Dunedin, New Zealand, 2005-2007
- Certificate of workshop attendance, Introduction to Tutoring at the University of Otago, Dunedin, New Zealand, 2006
- Researcher, Investigation of Iranian South Coastal Pollution, Persian Gulf and Oman Sea, 2003-2004, Iran Academy of Science
- Researcher, Investigation of Biodiversity in Hormozgan Province, Bandar Abbas Private University, 2003-2004, Iran
- Researcher, Investigation of Sediment, Water and Soil Pollution in Siahrood River's Zone, 2001-2004, Research Center for Soil Conservation and Watershed Management, Ministry of Agriculture, Iran
- Researcher, Preparation of Environmental Management Criteria for Shrimp Farms in Hormozgan Province, 2000-2002, Hormozgan Fishery Company, Iran
- Researcher, Environmental Impact Assessment (EIA) of Shrimp Reproduction in Gavbandi, 2000-2002, Hormozgan Fishery Company, Iran
- Researcher, EIA of Kaveh Jetty in Qeshm, 2000-2002, Marine Equipment Company of Qeshm Oil Industry, Iran
- Researcher, EIA of Shrimp Reproduction in Qeshm, 2000-2002, Qeshm Free Zone, Iran
- Researcher, EIA of Shrimp Reproduction in Jask, 2000-2002, Department of Environment, Iran
- Scientific advisor, Documentary "Iran Wetlands", International Broadcast, 2000-2001, Iran
- Researcher and designer, Investigation of Plants' Wastewater in Semnan Industrial City and Representation of the Best Treatment Method (comparing with other treatment methods), 1998-2000, Sharif University of Technology, Iran
- Cooperation in National Project of Iran Biodiversity, certification of work-shop on Biodiversity Conservation Strategy, 1998-2000, Department of Environment, Iran
- Editor-in-chief, Biosphere, Scientific quarterly magazine of Scientific Society of Students of Environmental Science (SSSES), 1998-2000, Tehran University (UT), Iran
- Researcher, Landuse Planning of Qom Province, National project, 1998-99, UT, Iran
- Researcher, Assessment of Physical Potential of Qamsar Region for Ecotourism, 1997-98, UT, Iran
- Head of Board of Directors, SSSES, 1996-98, UT, Iran

5. Memberships:

- International Institute of Chemical, Biological & Environmental Engineering, February 2015-present
- Chartered Member of the Royal Australian Chemical Institute Inc. (RACI), 2006-2008
- New Zealand Institute of Chemistry membership, New Zealand, 2006-2008

6.1. Membership in Editorial Board of the Conferences:

- 42nd ISTANBUL International Conference on Agricultural, Biological, Environmental & Medical Sciences (ABEMS-24) Sept. 23-25, 2024 Istanbul (Turkey)
- 41st International Conference on Chemical, Biological and Environmental Engineering (CCBEE-24) Nov. 21-22, 2024 Cape Town (South Africa)
- 39th International Conference on Chemical, Biological and Environmental Engineering (JCBE-23) Nov. 16-17, 2023 Johannesburg (South Africa)
- 36th International Conference on Agricultural and Biosystems Engineering (ICABE-23) February 6-8, 2023 Lisbon (Portugal)
- 34th International Conference on Agricultural, Biological, Environmental & Medical Sciences (ABEMS-22), September 26-28, 2022 Paris (France)
- 23rd Istanbul International Conference on Organic Agriculture, Food Security and Public Health (OAFPH-20), April 29-May 1, 2020 Istanbul (Turkey)
- 22nd London International Conference on “Agricultural, Biological and Environmental Sciences” (LABES-20), April 6-8, 2020 London (UK)
- 21st Rome International Conference on Waste Management, Public Health, Nursing, Medical and Food Sciences (WPNMF-20), Feb. 3-5, 2020 Rome (Italy)
- 13th Portugal International Conference on Healthcare, Environment, Food and Biological Sciences (HEFBS-19), Dec. 18-20, 2019 Lisbon (Portugal)
- 4th International Conference on Advances in Agricultural, Biological & Ecological Sciences (AABES-16) International Conference on Civil, Architecture and Sustainable Development (CASD-2016), Dec. 1-2, 2016 London (UK)
- 6th International Conference on Biological, Chemical & Environmental Sciences (BCES-2016), August 8-9, 2016 Pattaya (Thailand)
- 2016 International Conference on Biological and Environmental Science (BIOES-16) June 8-9, 2016 New Jersey (USA)
- 5th International Conference on Biological, Chemical and Environmental Sciences (BCES-2016), March 24-25, 2016 London (UK)
- 3rd International Conference on Civil, Biological and Environmental Engineering (CBEE-2016), Feb. 4-5, 2016 Bali (Indonesia)
- International Conference on Transportation and Civil Engineering, March 21-22, 2015 London (UK)
- 3rd International Conference on Chemical, Agricultural and Medical Sciences (CAMS-2015), Dec. 10-11, 2015 Singapore
- 2015 International Conference on Biological and Environmental Science (BIOES-15) Oct. 1-3, 2015 Phuket (Thailand)

- 3rd International Conference on Biological, Chemical and Environmental Sciences (BCES-2015), Sept. 21-22, 2015 Kuala Lumpur (Malaysia)
- 2015 International Conference on Agriculture, Ecology and Biological Engineering (AEBE-15) Sept. 7-8, 2015 Antalya (Turkey)
- International Conference on Advances in Science, Engineering, Technology and Natural Resources (ICASETNR-15), August 27-28, 2015 Kota Kinabalu (Malaysia)
- International Conference on Advances in Agricultural, Biological & Environmental Sciences (AABES-2015), July 22-23, 2015 London (UK)
- International Conference on Chemical, Civil and Environmental Engineering (CCEE-2015), June 5-6, 2015 Istanbul (Turkey)
- International Conference on Biological, Environment and Food Engineering (BEFE-2015), May 15-16, 2015 Singapore
- The First National Conference on Society, Natural Resources, Water and Environment, Challenges and Approaches, 12-13 May 2015, Tehran (Iran)
- International Conference on Agricultural, Ecological and Medical Sciences (AEMS-2015), April 7-8, 2015 Phuket (Thailand)
- International Conference on Chemical, Environmental and Biological Sciences (CEBS-2015), March 18-19, 2015 Dubai (UAE)
- International Conference on Agricultural, Ecological and Medical Sciences (AEMS-2015), Feb. 10-11, 2015 Penang (Malaysia)
- International Conference on Biological, Civil and Environmental Engineering (BCEE-2015), Feb. 3-4, 2015 Bali (Indonesia)
- 2015 International Conference on Substantial Environmental Engineering and Renewable Energy (SEERE-15), Jan. 13-14, 2015 Abu Dhabi (UAE)
- International Conference on Plant, Marine and Environmental Sciences (PMES-2015), January 1-2, 2015 Kuala Lumpur (Malaysia)
- International Conference on Earth, Environment and Life sciences (EELS-2014), December 23-24, 2014 Dubai (UAE)
- International Conference on Chemical, Civil and Environmental Engineering (CCEE'2014), November 18-19, 2014 Singapore
- International Conference on Advances in Agricultural, Biological & Environmental Sciences (AABES-2014), October 15-16, 2014 Dubai (UAE)
- International Conference on Chemical, Environment & Biological Sciences (CEBS-2014), September 17-18, 2014 Kuala Lumpur (Malaysia)
- International Conference on Biological, Environment and Food Engineering (BEFE-2014), August 4-5, 2014 Bali (Indonesia)
- International Conference on Agricultural, Ecological and Medical Sciences (AEMS-2014), July 3-4, 2014 London (UK)
- The First National Conference on Electronic Waste, 2012, Isfahan (Iran)

7. Publications

7.1. Books

Authorship:

- Environmental Pollution, 2020, the University of Tehran

Translations:

- Concise Environmental Engineering, Fifth Edition, 2025, the University of Tehran
- New Frontiers of Nanomaterials in Environmental Science, 2025, University of Tehran
- Concise Environmental Engineering, Fourth Edition, 2023, the University of Tehran
- Concise Environmental Engineering, Third Edition, 2019, the University of Tehran
- Water Quality Concepts, Sampling and Analyses, 2018, the University of Tehran
- Concise Environmental Engineering, Second Edition, 2018, the University of Tehran
- Concise Environmental Engineering, 2017, the University of Tehran

7.2. Journal Papers:

- Nastaran Razeghi, **Amir Hossein Hamidian**, Alireza Mirzajani & Sajjad Abbasi (2025) Evaluation of microplastic presence and risks in freshwater fish from Anzali International Wetland, Iran. Human and Ecological Risk Assessment. <https://doi.org/10.1080/10807039.2025.2586654>
- Farzaneh Mirzabayati & **Amir Hossein Hamidian** (2025) Investigating the effect of plant presence and leachate irrigation on the distribution of microplastics in different soil depths and the rhizosphere. Results in Engineering, 28, 107740. <https://doi.org/10.1016/j.rineng.2025.107740>
- **Amir Hossein Hamidian**, Saba Sadat Miri Karahroudi, Meisam Feizi, Yu Zhang & Min Yang (2025) Comparative removal efficiency of polypropylene microplastics from aqueous solutions by filtration, centrifugation, and flocculation. Bulletin of Environmental Contamination and Toxicology. 14; 115(1):12. doi: 10.1007/s00128-025-04083-0. PMID: 40658123.
- Kyi Aye New, **Amir Hossein Hamidian**, Min Yang & Zhe Tian (2025) Simultaneous removal of oxytetracycline and antibiotic-resistant bacteria during ozonation of clarified pharmaceutical wastewater, Journal of Hazardous Materials Advances, 19, 100809, <https://doi.org/10.1016/j.hazadv.2025.100809>
- **Amir Hossein Hamidian**, Negin Valizadeh, Ali Valizadeh (2025) Biocompatible materials as a sustainable solution to micro- and nanoplastic remediation and their challenges, Journal of Environmental Chemical Engineering, 13 (3), 116610, <https://doi.org/10.1016/j.jece.2025.116610>.
- Farzaneh Mirzabayati & **Amir Hossein Hamidian** (2025) Heavy metal pollution in Iranian medicinal plants, a review of sources, distribution, and health implications, Journal of Applied Research on Medicinal and Aromatic Plants, 46, 100637, <https://doi.org/10.1016/j.jarmap.2025.100637>.
- Ali Shahbazi, **Amir Hossein Hamidian**, Yu Zhang & Min Yang (2025) Adsorption of Fluoroquinolone Antibiotics in Aqueous Solutions Using Nanomaterials: Mechanisms, Challenges, and Future Perspectives. Nanotechnology for Environmental Engineering, 10, 25, <https://doi.org/10.1007/s41204-025-00417-9>
- **Amir Hossein Hamidian** & Meisam Feizi (2025) Investigating the Behavioral Implications of Microplastic Exposure in Animal Species. Annals of Animal Science, <https://doi.org/10.2478/aoas-2025-0028>
- Jingwei Wu, Ziming Han, Xiaomin Ma, Ming Su, **Amir Hossein Hamidian**, Yu Zhang & Min Yang (2025) Review: A Database on Antibiotics and Antibiotic Resistance in

Wastewater and Solid Waste from Pharmaceutical Industry Based on a Systematic Review. *China CDC Weekly*, 5, 7(3) 92-100

- **Amir Hossein Hamidian** & Meisam Feizi (2025) Investigation of the Reutilization of Brine from Desalination Plants in the Cultivation and Breeding of Salt-Tolerant Species, *Journal of Strategic Research in Agricultural Sciences and Natural Resources*, 10(2) 101-116
- Farzaneh Mirzabayati & **Amir Hossein Hamidian** (2024) Microplastics and their distribution in soil at municipal solid waste landfills: a review. *Avicenna J Environ Health Eng.* 2024;11(2):126-136. <https://doi.org/10.34172/ajehe.5569>
- **Amir Hossein Hamidian**, Elnaz Jafari Ozumchelouei & Majid Atashgahi (2024) Assessment of Metal Pollution in Sediments and Their Bioaccumulation in *Phragmites australis* from Shoor River, Iran. *Soil and Sediment Contamination: An International Journal*, 1–28.
- Nastaran Razeghi, **Amir Hossein Hamidian**, Sajjad Abbasi & Alireza Mirzajani (2024) Distribution, flux, and risk assessment of microplastics at the Anzali Wetland, Iran, and its tributaries." *Environmental Science and Pollution Research* 31 (38)
- Farzaneh Feizi, Razegheh Akhbarizadeh and **Amir Hossein Hamidian** (2024) Microplastics in urban water systems, Tehran Metropolitan, Iran. *Environmental Monitoring and Assessment* 196 (7)
- Mehdi Khoshnamvand, **Amir Hossein Hamidian**, Saeed Ashtiani, Jafar Ali & De-Sheng Pei (2024) Combined toxic effects of polystyrene nanoplastics and lead on *Chlorella vulgaris* growth, membrane lipid peroxidation, antioxidant capacity, and morphological alterations. *Environmental Science and Pollution Research*, doi: 10.1007/s11356-024-33084-5.
- Sediqe Alijani, Ameneh Naseri & **Amir Hossein Hamidian** (2024) Graphitic carbon nitride/MIL-88B (Fe) Nanocomposite for Methylene Blue Dye Removal from Aqueous Solution by UV-Visible Light Active Photo-Fenton Reaction, *Iranian Journal of Physics Research*
- **Amir Hossein Hamidian** & Mahdiyeh Dalvand (2024) Main pathways for microplastics in freshwater systems: A review on potential sources and drivers of microplastic pollution in rivers, *International Journal of Aquatic Biology* 11 (6), 583-604
- Mohsen Mahfouzi, **Amir Hossein Hamidian** and Mohammad Kaboli (2024) Edaphic Drivers Influencing Forage Grasslands in Bujagh National Park, Iran, *Resources* 13 (2), 29
- **Amir Hossein Hamidian**, Seyed Mohammad Javad Abdollah Saberi, Sohrab Ashrafi & Leila Moghaddasi (2023) Using house sparrow in biomonitoring lead in Tehran air pollution, *Urban Ecosystems*
- Malihe Mozafarjalali, **Amir Hossein Hamidian**, Mohammad Hossein Sayadi (2023) Microplastics as carriers of iron and copper nanoparticles in aqueous solution, *Chemosphere*, 324, 138332
- **Amir Hossein Hamidian**, Hasan Shykhzadeh, Azadeh Boojari, Soheil Eigdari, and Sohrab Ashrafi (2023) Comparative assessment of human health risk associated with heavy metals bioaccumulation in fish species (*Barbus grypus* and *Tenuulosa ilisha*) from the Karoon River, Iran: Elucidating the role of habitat and feeding habits, *Marine Pollution Bulletin* 188, no. 114623.
- Mahdiyeh Dalvand, and **Amir Hossein Hamidian** (2023) Occurrence and distribution of microplastics in wetlands, *Science of the Total Environment*, 862 (1) 160740.

- Somayyeh Sadat Alavian, **Amir Hossein Hamidian**, Soheil Eagderi and Sohrab Ashrafi (2023) Investigating growth factors and age of *Saccostrea cucullata* for environmental studies, *Journal of Marine Science and Technology*, 20 (4) 52-62
- Nastaran Razeghi, **Amir Hossein Hamidian**, Chenxi Wu, Yu Zhang and Min Yang (2022) Sample preparation methods for the analysis of microplastics in freshwater ecosystems: a review, *Environmental Chemistry Letters*, 20, 417-443
- Farzaneh Feizi, **Amir Hossein Hamidian**, Razegheh Akhbari and Mehdi Jonoubi (2022) Investigating microplastics in wastewater treatment plant of region 22 of Tehran, *Journal of Natural Environment*, 75 (1) 1-6
- Chenxi Wu, Xiong Xiong, **Amir Hossein Hamidian**, Yulan Zhang and Xianrong Xu (2022) A review on source, occurrence, and impacts of microplastics in freshwater aquaculture systems in China, *Water Biology and Security* 20 (1) 100040.
- Parichehr Hanachi, Mehdi Khoshnamvand, Tony R. Walker, and **Amir Hossein Hamidian** (2022) Nano-sized polystyrene plastics toxicity to microalgae *Chlorella vulgaris*: Toxicity mitigation using humic acid, *Aquatic Toxicology*, 245 (1) 106123.
- Mojtaba Yahyaabadi, **Amir Hossein Hamidian** and Sohrab Ashrafi (2021) Adsorption of elements in earthworms affected by chemical fertilizers in orchard Soil, *Journal of Animal Environment*, 13 (1) 439-448
- Seyed Mahdi Heshmatol Vaezin, Mohammad Moflakhar Juybari, Arash Daei, Mohammad Avatefi Hemmat, Anoushirvan Shirvany, Matthew James Tallis, Satoshi Hirabayashi, Mazaher Moeinaddini, **Amir Hossein Hamidian**, Seyed Mohammad Moein Sadeghi and Thomas Grant Pypker (2021) The effectiveness of urban trees in reducing airborne particulate matter by dry deposition in Tehran, Iran, *Environmental Monitoring Assessment*, 193:842
- Liying Zhu, Wei Liang, Chunrong Wang and Amir Hossein Hamidian (2021) Sequential Hybrid Constructed Wetland for Effective Nutrient Removal from Municipal Wastewater Treatment Plant Effluent: A Full Scale Case Study, *Environmental Engineering Science*, 39 (2) 168-177
- Sanaz Sabeti Mohammadi, **Amir Hossein Hamidian** , Alireza Asgari and Nader Yousefi (2021) Biodegradation of Tetrachloroethene in Batch Experiment and PHREEQC model; kinetic study, *Journal of Applied Biotechnology Reports*, 8 (3), 293-302
- Manoochehr Khazaei, **Amir Hossein Hamidian**, Seyyed Ali Ashghar Mirjalili, Sohrab Ashrafi and Aria Khazaei (2021) Assessment of 26 elements in hair and internal tissues of Persian jird (*Meriones persicus*) in Darreh Zereshk copper mine, Iran, *International Journal of Environmental Studies*, 79 (5) 883-900
- Maedeh Chitsaz, **Amir Hossein Hamidian**, Babak Motesharehzadeh, Mahdiah Dalvand and Seyed Ali Asghar Mirjalili (2021) Heavy metals and related properties in farming soils adjacent to a future copper mine, interpretation using GIS, and statistical methods, *Arabian Journal of Geosciences*, 2021, 14(9) 816
- Alireza Mirzajani, **Amir Hossein Hamidian** and Jalal Hassan (2021) Metal Concentrations in the Coastal Fauna of the Caspian Sea, *Ocean Science Journal*, 56 (3) 256-265
- Hassan Sheikhzadeh and **Amir Hossein Hamidian** (2021) Bioaccumulation of heavy metals in fish species of Iran: a review, *Environmental Geochemistry and Health*, 43 (10) 3749-3869

- Nastaran Razeghi, **Amir Hossein Hamidian**, Chenxi Wu, Yu Zhang and Min Yang (2021) Microplastic sampling techniques in freshwaters and sediments: a review, *Environmental Chemistry Letters*, 19, 4225-4252
- **Amir Hossein Hamidian**, Elnaz Jafari Ozumchelouei, Farzaneh Feizi, Chenxi Wu, Yu Zhang and Min Yang (2021) A review on the characteristics of microplastics in wastewater treatment plants: A source for toxic chemicals, *Journal of Cleaner Production*, 295 (1) 126480
- Nastaran Razeghi, **Amir Hossein Hamidian**, Chenxi Wu, Yu Zhang and Min Yang (2021) Scientific studies on microplastics pollution in Iran: An in-depth review of the published articles, *Marine Pollution Bulletin*, 162, 111901
- Kai Zhang, **Amir Hossein Hamidian**, Aleksandra Tubić, Yu Zhang, James K.H. Fang, Chenxi Wu and Paul K.S. Lam (2021) Understanding plastic degradation and microplastic formation in the environment: A review, *Environmental Pollution* (274) 116554
- Mahmood Bahri, **Amir Hossein Hamidian**, Yu Zhang and Min Yang (2020) Removal of coliform bacteria from dairy wastewater using graphene-silver nanocomposite, *International Journal of Aquatic Biology*, 8 (6) 447-454
- Yu Zhang, **Amir Hossein Hamidian**, Chao Liu, Tiantian Tian and Min Yang (2020), International cooperative demonstration projects and progress to address Iran's main water and environmental challenges, *Chinese Journal of Environmental Engineering*, 14(8) 2081-2088
- Elnaz Jafari Ozumchelouei, **Amir Hossein Hamidian**, Yu Zhang and Min Yang (2020) A critical review on the effects of antibiotics on anammox process in wastewater, *Reviews in Chemical Engineering*, 38 (4) 451-476
- Alireza Mirzajani, **Amir Hossein Hamidian** and Nima Pourang (2020) Use of ¹³C and ¹⁵N stable isotopes for determination of the metal flux in the Caspian fishes, *Isotopes in Environmental & Health Studies*, 56 (3), 280-296
- Wenzhe Song, Yu Zhang, **Amir Hossein Hamidian** and Min Yang (2020) Biodegradation of low molecular weight polyacrylamide under aerobic and anaerobic conditions: effect of the molecular weight, *Water Science and Technology*, doi.org/10.2166/wst.2020.109, 81 (2), 301-308
- Elnaz Jafari Ozumchelouei, **Amir Hossein Hamidian**, Yu Zhang and Min Yang (2020) Physicochemical properties of antibiotics: A review with an emphasis on detection in the aquatic environment, *Water Environment Research*, 92 (2), 177-188
- Russell. D. Frew, Toyin Adu, Mellanie Gault-Ringold, **Amir Hossein Hamidian**, Kim I. Currie, Evelyn Armstrong and Keith A. Hunter (2020) Strong seasonality in the cadmium and phosphate cycling at the subtropical convergence, south-eastern New Zealand, *Marine and Freshwater Research*, 71 (3), 345-354
- **Amir Hossein Hamidian**, Sorour Esfandeh, Yu Zhang and Min Yang (2019) Simulation and optimization of nanomaterials application for heavy metal removal from aqueous solutions, *Inorganic and Nano-Metal Chemistry*, 49 (7), 217-230
- Somayeh Rezaei Kalvani, Amir Hamzah Sharaai, Latifah Abd Manaf and **Amir Hossein Hamidian** (2019) Water footprint of crop production in Tehran province, *Journal of the Malaysian Institute of Planners* 17 (2) 123-132
- Somayeh Rezaei Kalvani, Amir Hamzah Sharaai, Latifah Abd Manaf and **Amir Hossein Hamidian** (2019) Evaluation of water footprint of selected crop consumption in Tehran province, *Applied Ecology and Environmental Research* 17 (5) 11033-11044

- Fatemeh Mojoudi, **Amir Hossein Hamidian**, Yu Zhang and Min Yang (2019) Synthesis and evaluation of Activated Carbon/Nanoclay/ Thiolated Graphene Oxide Nanocomposite for Lead (II) Removal from Aqueous Solution, *Water Science and Technology*, 79 (3) 466-479
- **Amir Hossein Hamidian**, Nastaran Razeghi, Yu Zhang and Min Yang (2019) Spatial distribution of arsenic in groundwater of Iran, a review, *Journal of Geochemical Exploration*, 201, 88-98
- Somayeh Rezaei Kalvani, Amir Hamzah Sharaai, Latifah Abd Manaf and **Amir Hossein Hamidian** (2019) Assessing ground and surface water scarcity indices using ground and surface water footprints in the Tehran province of Iran, *Applied Ecology and Environmental Research*, 17(2) 4985-4997
- Fatemeh Mojoudi, **Amir Hossein Hamidian**, Nooredin Goodarzian and Soheil Egdari (2018) Effective removal of heavy metals from aqueous solution by porous activated carbon/thiol functionalized graphene oxide composite, *Desalination and Water Treatment*, 124, 106-116
- Mojtaba Yahyaabadi, **Amir Hossein Hamidian** and Sohrab ashrafi (2018) Dynamics of earthworm species at different depths of orchard soil receiving organic or chemical fertilizer amendments, *Eurasian Journal of Soil Science*, 7 (4) 318-325
- Mustafa Nur Istanbuly, Bahman Jabbarian Amiri and **Amir Hossein Hamidian** (2018) Soil Analysis of Roads near Environment Soil for Lead Pollution Assessment, Study Case: Tehran- Karaj Highway, *Journal of University of Babylon for Engineering Sciences*, 26 (8) 206-217
- Fatemeh Mojoudi, **Amir Hossein Hamidian**, Nooredin Goodarzian and Soheil Egdari (2018) Optimizing lead(II) removal from aqueous solution by a carbon nanocomposite using Taguchi method, *Journal of Natural Environment*, 71 (4) 537-548
- Mustafa Nur Istanbuly, Bahman Jabbarian Amiri and **Amir Hossein Hamidian** (2018) Environmental Impact Assessment of Tehran- Karaj Highway by Using Plants Indicators, *Journal of University of Babylon for Engineering Sciences*, 26 (7) 234-249
- Hassan Sheikhzaedeh, **Amir Hossein Hamidian** and Reza Sheikhzadeh (2018) A review on the application of nano-photocatalysts in removal of tetracycline antibiotic as an organic pollutant, *World of Nano*, 53: 18-22
- Maryam Zareh Reshqueih, **Amir Hossein Hamidian** & Bahman Jabbarian Amiri (2018) Investigating heavy metal pollution in soil and plant (*Astragalus sp.*) in lands around Khatoun Abad melting plant, *Journal of Natural Environment*, 71 (2) 185-195
- Mojtaba Yahyaabad, **Amir Hossein Hamidian** and Sohrab Ashrafi (2018) Assessing the Population and live weight of earthworms affected by chemical and organic fertilizers in the soil of an orchard, *Journal of Soil Management and Sustainable Production*, 8 (2) 117-131
- Masoumeh Ariyae, **Amir Hossein Hamidian**, Soheil Egderi, Sohrab Ashrafi and Hadi Poorbagher (2018) Cadmium and Arsenic bioaccumulation and bioconcentration in the endemic toothed carp (*Aphanius arakensis*) in salt water, *International Journal of Aquatic Biology*, 6 (1) 25-30
- **Amir Hossein Hamidian**, Farzaneh Ahrari and Mohammad Reza Dousti (2018) Comparing the concentrations of heavy metals chromium, copper and nickel in alfalfa irrigated with water and treated wastewater. (Case Study: Birjand), *Journal of Natural Environment*, 71 (1) 39-51

- Somayyeh Sadat Alavian, **Amir Hossein Hamidian**, Sohrab Ashrafi, Soheil Eagderi and Manoochehr Khazaei (2018) Study on age-related bioaccumulation of some heavy metals in the soft tissue of rock oyster (*Saccostrea cucullata*) from Laft Port – Qeshm Island, Iran, Iranian Journal of Fisheries Sciences, 16 (3) 897-906
- Neda Sistani, Mazaher Moeinaddini, Mohammad Saleh Ali Taleshi, Nematollah Khorasani, **Amir Hossein Hamidian** and Rokhsareh Azimi (2018) Source identification of heavy metal pollution nearby Kerman steel industries, Journal of Natural Environment, 70 (3) 627-641
- Hassan Sheikhzadeh & **Amir Hossein Hamidian** (2017) Application of nanotechnology in removal of pharmaceutical from water and wastewater, World of Nano, 13 (47) 53-58
- Alireza Mirzajani, **Amir Hossein Hamidian** and Mahmoud Karami (2017) Investigation of metals in organisms from different trophic levels of the southwest Caspian, Journal of Natural Environment, 70 (2) 467-479
- Alireza Mirzajani, **Amir Hossein Hamidian**, and Mahmoud Karami (2017) Metal bioaccumulation in representative organisms from different trophic levels of the Caspian Sea, Iranian Journal of Fisheries Sciences 15 (3) 1027-1043.
- Neda Sistani, Mazaher Moeinaddini, Nematollah Khorasani, **Amir Hossein Hamidian**, Mohammad Saleh Ali Taleshi and Rokhsareh Azimi (2017) Heavy Metal Pollution in Soils nearby Kerman Steel Industry: Metal Richness and Degree of Contamination Assessment, Health and Environment, 10 (1) 1-12
- Ali Khatibi & **Amir Hossein Hamidian** (2016) Designing and Developing Cellular Automata Simulator (CAS) Software for Environmental Applications, Journal of Natural Environment, 69(4) 981-996
- **Amir Hossein Hamidian**, Hajar Norouznia & Rouhollah Mirzaei (2016) Phytoremediation efficiency of *Nelumbo nucifera* in removing heavy metals (Cu, Cr, Pb, As and Cd) from water of Anzali wetland, Journal of Natural Environment, 69(3) 669-679
- Zeynab Rahimizadeh, **Amir Hossein Hamidian** & Seyyed Vali Hosseini (2016) Removing Heavy Metals from Aqueous Solutions Using Chitosan – Clay Nanocomposites, Journal of Natural Environment, 69(3): 669-679
- Seyyed Jafar Khamesi, **Amir Hossein Hamidian**, and Omid Atghia (2016) Identification of the fungi absorbing heavy metals isolated from waste deposits of zinc factories, Zanjan province, Iran. Mycologia Iranica 3 (1): 65-73.
- Maedeh Chitsaz, **Amir Hossein Hamidian**, Babak Motesharrehzadeh, Ali Asghar Mirjalili, Sohrab Ashrafi & Esmat Esmailzadeh (2016) Comparing measured concentrations of lead, copper, zinc and manganese in roots of wheat near copper mine darreh zereshk region, Yazd province, Journal of Natural Environment 69(2) 347-359
- Seyyed Jafar Khamesi, **Amir Hossein Hamidian**, Mohammad Javan Nikkha (2016) Assessment of potential fungal species isolated from zinc industrial sediment wastes for lead sorption, Fresenius Environmental Bulletin, 25 (6) 1910-1919
- Mahdiyeh Dalvand, **Amir Hossein Hamidian**, Mohammad Ali Zare Chahouki, Ali Asghar Mirjalili, Babak Motesharrehzadeh and Esmat Esmailzadeh (2016) Determination of the concentration of heavy metals (Cu, Pb, Zn) in roots of *Artemisia sp.* in natural lands of Darreh Zereshk copper mine, Taft, Yazd, Journal of Natural Environment 69 (1) 35-46
- Nafiseh Panahi, **Amir Hossein Hamidian** and Ali Tavili (2016) Determination of Pb and Ni in soil and *Halimocnemis pilifera* around Halgheh Darreh landfill in Karaj, Journal of Range and Watershed Management, 69 (1) 13-26

- Leila Tayyebi, **Amir Hossein Hamidian**, Afshin Danehkar and Hadi Pourbagher (2016) An investigation of the possibility of mercury phytoremediation from Bandar Imam Chlor-alkali plants' wastewater using *Phragmites australis*, Journal of Natural Environment, 69 (1) 95-105
- Alireza Mirzajani, **Amir Hossein Hamidian**, and Mahmoud Karami (2016) Distribution and abundance of fish in the southwest of Caspian Sea coastal waters, Russian Journal of Marine Biology, 42 (2) 178-189
- Seyyed Jafar Khamesi, **Amir Hossein Hamidian**, and Mohammad Javan Nikkhah (2016) Assessing the risk of heavy element distribution in the surrounding soils of faravari zinc processing industry, International Journal of Biology, Pharmacy and allied Sciences, 4 (12) 1810-1824
- Mahdokht Arshadi, Jalaladdin Saheyan & **Amir Hossein Hamidian** (2016) A review on quality, quantity and treatment methods of textile industries, Journal of Iranian Chemical Engineering, 15 (86) 28-41
- **Amir Hossein Hamidian**, Maryam Zareh Reshqueih, Hadi Poorbagher, Leila Vaziri and Sohrab Ashrafi (2016) Heavy metal bioaccumulation in sediment, common reed, algae and blood worm from the Shoor River, Iran, Journal of Toxicology and Industrial Health; 32(3):398-409
- **Amir Hossein Hamidian**, Afshin Alizadeh, Sohrab Ashrafi, Ali Asghar Mirjalili and Esmat Esmaeilzadeh (2015) Assessment of metal concentrations in different tissues of Persian Jird (*Meriones persicus*) by using statistical method of principal component analysis (PCA), Journal of Pajoohesh & Sazandegi 28 (4) 9-17
- Zohreh Ahmadi Kordestani, **Amir Hossein Hamidian**, Seyyed Vali Hosseini and Sohrab Ashrafi (2015) Determination of heavy metals concentration in muscle tissue of Cryfish (*Astacus leptodactylus*), Journal of Natural Environment 68 (3) 345-351
- Zahra Padash Barmchi, **Amir Hossein Hamidian**, Nematollah Khorasani, Mahmood Kazemzad, Annie McCabe, and Anthony Halog (2015) Environmental Life Cycle Assessments of Emerging Anode Materials for Li-Ion Batteries-Metal Oxide NPs, Environmental Progress and Sustainable Energy 34 (6) 1740-1747.
- Manoochehr Khazaei, **Amir Hossein Hamidian**, Afshin Alizadeh Shabani, Sohrab Ashrafi, Syed Ali Asghar Mirjalili, and Esmat Esmaeil Zadeh (2015) Accumulation of heavy metals and As in liver, hair, femur, and lung of Persian jird (*Meriones persicus*) in Darreh Zereshk copper mine, Iran, Environmental Science and Pollution Research 23 (4) 3860-3870.
- Alireza Mirzajani, **Amir Hossein Hamidian**, Siamak Bagheri, and Mahmoud Karami (2015) Possible effect of *Balanus improvisus* on Cerastoderma glaucum distribution in the south-western Caspian Sea, Journal of the Marine Biological Association of the United Kingdom 96 (5) 1031-1040.
- Masoumeh Ariyae, **Amir Hossein Hamidian**, Soheil Eagderi, Sohrab Ashrafi, and Manoochehr Khazaei (2015) Comparative Study of Cadmium and Arsenic Accumulation in Toothed Carp (*Aphanius sophiae*) in Fresh and Salt Water, Iranian Journal of Toxicology 9 (30) 1342-134
- Somayye Sadat Alavian Petroody, **Amir Hossein Hamidian**, Soheil Eagderi and Sohrab Ashrafi (2015) Investigation on the Concentration of heavy metals Ni, Cd and Pb in different ages of bivalve *Saccostrea cucullata* compared to international standards, Journal of Natural Environment, 68 (2) 239-246

- Manoochehr Khazae, **Amir Hossein Hamidian**, Mohammad Taheri, Touran Babakan, Ali Mashoof, Safura Rabizadeh, and Aria Khazae (2015) Assessment of medical waste management in Karaj hospitals, Iran, *International Research Journal of Applied and Basic Sciences* 9 (10) 1750-1757.
- Mohammad Taheri, **Amir Hossein Hamidian**, Manoochehr Khazae, Vida Kardan Moghaddam and Ariya Khazae (2015) Quantitative study of medical waste Case Study: Hospitals affiliated to Tabriz University of Medical Sciences, *Journal of Medical Information and Management* 2 (2) 102-112
- Manoochehr Khazae, **Amir Hossein Hamidian**, Niloofar Bakhshae, Mohammad Taheri, Arash Ketabforoush Badri, Safura Rabizadeh, Vida Kardanmoghadam, Aria Khazae, and Saeed Ketabforoush Badri (2015) The Challenge of Medical Waste Management: A Case Study in Alborz Province, Iran, *Acta Velit* 1 (3) 70-79.
- Hadi Pourbagher, Moein Rajae, Hamid Farahmand, Mohammad Seddigh Mortazavi, Fereidoun Aflaki Pashaki and **Amir Hossein Hamidian** (2015) Accumulation of Mn, Cd, Cr and Pb in *Pinctada radiata* (Bivalvia: Pterioidea) in the Hendourabi and Lavan Islands, the Persian Gulf, *Journal of Natural Environment* 68 (1) 45-52
- Zahra Padash Barmchi, **Amir Hossein Hamidian**, Owen Noonan, Nematolah Khorasani and Mahmood Kazemzad (2015) A Simple Approach to Prepare Metal Oxides Supra-Structures for LIBs, *Journal of New Materials for Electrochemical Systems* 18 (2) 87-90
- Zohreh Ahmadi Kordestani, **Amir Hossein Hamidian**, Seyyed Vali Hosseini and Sohrab Ashrafi (2015) Evaluation of heavy metal content on the shrimp muscle: *Litopenaeus vannamei*, *Journal of Fisheries*, 67 (4) 467-477
- Mahdiyeh Dalvand, **Amir Hossein Hamidian**, Mohammad Ali Zare Chahouki, Babak Motesharrezadeh, Ali Asghar Mirjalili and Esmat Esmaeilzadeh (2015) Determination of the concentration of heavy metals (Cu, Pb, Zn and Mn) in shoots of *Artemisia sp.* in natural lands of Darreh Zereshk copper mine, Taft, Yazd, *Journal of Range and Watershed Management* 8 (3) 219-229
- Zahra Padash Barmchi, **Amir Hossein Hamidian**, Nematolah Khorasani and Mahmood Kazemzad (2015) Life Cycle Assessment of Li-ion Batteries (Case Study: Anodes with Graphite and Cobalt Oxide), *Journal of Natural Environment*, 68 (2) 165-178
- Manoochehr Khazaei, **Amir Hossein Hamidian**, Afshin Alizadeh Shabani, Sohrab Ashrafi, Seyyed Ali Mirjalili and Esmat Esmaeilzadeh (2015) Study of Cu, Zn and Cr accumulation in hair and liver tissues of the Persian Jird (*Meriones persicus*) in Darreh Zereshk, Yazd, *Journal of Natural Environment*, 68 (4) 549-557
- Zahra Padashbarmchi, **Amir Hossein Hamidian**, Hongwei Zhang, Liang Zhou, Nematolah Khorasani, Mahmood Kazemzad and Chengzhong Yu (2015) Systematic study on the synthesis of α -Fe₂O₃ multi-shelled hollow spheres, *RSC Advances*, 5:10304-10309
- Masoumeh Ariyae, **Amir Hossein Hamidian**, Soheil Eagderi and Sohrab Asharfi (2015) Comparison of heavy metal uptake of Cd in liver of zebra fish in saltwater and freshwater environments, *Journal of Natural Environment*, 67(4) 355-365
- Manoochehr Khazae, **Amir Hossein Hamidian**, Afshin Alizadeh, Sohrab Ashrafi, Ali Asghar Mirjalili, Esmat Esmaeilzadeh and Maryam Zareh Reshqueih (2015) Investigation of heavy metals concentrations in different tissues of Persian Jird as bioindicator species in Darreh Zereshk, Yazd, *Iranian Journal of Applied Ecology*, 10(3) 41-52
- **Amir Hossein Hamidian**, Majid Atashgahi; Mohammadreza Hajihashemijazi; Abolhasan Fathabadi (2014) The evaluation of the functionality of artificial neural network and

geostatistical methods in simulation of quality parameters of groundwater (Case study: Koohpayeh, Isfahan), *Journal of Natural Environment*, 67 (3) 279-288

- Hajar Norouznia and **Amir Hossein Hamidian** (2014) Phytoremediation efficiency of pondweed (*Potamogeton crispus*) in removing heavy metals (Cu, Cr, Pb, As and Cd) from water of Anzali wetland, *International Journal of Aquatic Biology*, 2(1) 206-214
- Masoumeh Ariyae, **Amir Hossein Hamidian**, Soheil Eagderi, Manoochehr Khazae, Borhan Mansouri and Sohrab Ashrafi (2014) Bioaccumulation and bioconcentration of cadmium and arsenic in the organs of endemic fish toothed carp (*Aphanius sophiae*), *Standard Scientific Research and Essays*, 2(4) 210-215
- **Amir Hossein Hamidian** (2014) Green plants and nature: Natural wastewater treatment plants, *International Journal of Advances in Agricultural and Environmental Engineering*, 1 (1) 29-33
- **Amir Hossein Hamidian** and Somayye Sadat Alavian Petroody (2014) Investigation on the potential use of *Saccostrea cucullata* as Cd bioindicator in coastal areas, *Journal of Natural Environment*, 67(2) 157-164
- Masoumeh Ariyae, Soheil Eagderi, **Amir Hossein Hamidian** and Sohrab Asharfi (2014) Study of histopathological changes on gill of *Aphanius sophiae* in arsenic and cadmium toxicity in saltwater and freshwater, *Pajooresh & Sazandegi Veterinary Journal*, 4(105) 57-67
- Maryam Zareh Reshqueih, **Amir Hossein Hamidian**, Hadi Poorbagher and Sohrab Ashrafi (2014) Investigation of heavy metal concentrations in sediment, fish and common reed in Sattarkhan dam, Azarbayjan-Sharghi, Iran, *Journal of Natural Environment*, 67(1) 79-90
- **Amir Hossein Hamidian**, Majid Atashgahi and Nematollah Khorasani (2014) Phytoremediation of heavy metals (Cd, Pb and V) in gas refinery wastewater using common reed (*Phragmites australis*), *International Journal of Aquatic Biology*, 2(1) 29-35
- Masoumeh Ariyae, **Amir Hossein Hamidian**, Soheil Eagderi, Hadi Poorbagher and Sohrab Ashrafi (2014) Assessment of histopathological changes of liver of *Aphanius sophiae* by cadmium and arsenic, *Journal of Aquatic Ecology*, 3(4) 31-40
- Mahdiyeh Dalvand, **Amir Hossein Hamidian**, Mohasmmad Ali Zare Chahooki; Babak Moteshare Zadeh; Seyyed Ali Asghar Mirjalili; Esmat Esmaeil Zade (2014) Comparing heavy metal accumulation abilities in *Artemisia aucheri* and *Astragalus gummifer* in Darreh Zereshk region, Taft, Desert, 19(2) 137-140
- Somayye Sadat Alavian Petroody, **Amir Hossein Hamidian**, Sohrab Ashrafi, Soheil Eagderi and Manoochehr Khazae (2013) Investigation of body size effect on bioaccumulation pattern of Cd, Pb and Ni in the soft tissue of rock oyster *Saccostrea Cucullata* from Loft Port, *Journal of the Persian Gulf (Marine Science)*, 14(4) 39-45
- Zohreh Ahmadi Kordestani, **Amir Hossein Hamidian**, Seyyed Vali Hosseini and Sohrab Ashrafi (2013) Risk assessment of mercury due to consumption of edible aquatic species, *Journal of Marine Biology*, 5(17) 63-70
- Mohammad Taheri, **Amir Hossein Hamidian** and Manoochehr Khazae (2013) A study on waste management in hospitals affiliated to Tabriz University of Medical Sciences during 2010-2011, *Journal of Mazandaran University of Medical Sciences*, 23(105) 111-115
- **Amir Hossein Hamidian** and Mansoureh Hasanzadeh (2013) Can the PAMOLARE 1-layer model predict eutrophication in hypertrophic lakes? A Case study: the Zaribar Lake, Iran, *International Journal of Aquatic Biology*, 1(3) 100-108

- Farzaneh Mahmoudian, **Amir Hossein Hamidian**, Nematollah Khorasani and Pooria Haghpanah (2013) Risk assessment of ground water pollution by heavy metals in leachate of acidic sludge from motor oil recycling and linear recommendation (Case study: Garmsar), *Journal of Natural Environment*, 66(4) 435-443
- Borhan Mansouri and **Amir Hossein Hamidian** (2013) Assessment of the air quality of Isfahan City, Iran, using selected air quality parameters, *Iranian Journal of Toxicology*, 7(21) 842-848
- Borhan Mansouri, Rahimeh Baramaki, Maryam Zareh Reshqueih, Alireza Pourkhabbaz and **Amir Hossein Hamidian** (2013) Bioaccumulation and depuration of copper in the kidney and liver of a freshwater fish, *Capoeta fusca*, *Iranian Journal of Toxicology*, 7(20) 816-822
- Farshid Majnoni, Borhan Mansouri, Mohammadreza Rezaei and **Amir Hossein Hamidian** (2013) Metal concentrations in tissues of common carp, *Cyprinus carpio*, and silver carp, *Hypophthalmichthys molitrix* from the Zarivar Wetland in Western Iran, *Archives of Polish Fisheries*, 21: 11-18
- Borhan Mansouri, Alireza Pourkhabbaz, Mohammad Ebrahimpour, Hadi Babaei and **Amir Hossein Hamidian** (2013) Bioaccumulation and elimination rate of cobalt in *Capoeta fusca* under controlled conditions, *Chemical Speciation and Bioavailability*, 25(1) 52-56
- Hadi Poorbagher, Soheil Eagderi, Mohammad Harsij and **Amir Hossein Hamidian** (2013) Comparison of zeolite (clinoptilolite) and activated carbon, in ammonia removal during transport of live rainbow trout fry (*Oncorhynchus mykiss*), *Journal of Natural Environment*, 66 (3) 255-260
- **Amir Hossein Hamidian**, Nematollah Khorasani, Hassan Parvizi Mosaed, Mehrdad Cheraqi and Alireza Mohammadi (2013) Investigation and comparison of mercury (Hg) content and its weekly intake by body in some imported and Iranian kinds of rice, *Journal of Natural Environment*, 66 (3) 301-309
- Amin Emami and **Amir Hossein Hamidian** (2013) Effects of Environmental Pollution on Job Stress in Different Districts of Tehran High Schools Staff, *Journal of Natural Environment*, 66 (2) 147-155
- Nader Habibzadeh, Mohammad Babapour and **Amir Hossein Hamidian** (2013) quality of Lighvan Chai River based on biological factors, *Journal of Natural Environment*, 66 (1) 87-100
- Mohsen Norouzi, Borhan Mansouri, **Amir Hossein Hamidian**, Tahereh Ebrahimi and Fakher Kardoni (2012) Comparison of the metal concentrations in the feathers of three bird species from southern Iran, *Bulletin of Environmental Contamination and Toxicology*, 89 (5) 1082-86
- **Amir Hossein Hamidian**, Azadeh Boojari and Ali Asghar Torahi (2012), The impact of tourism on water quality of Damdama Lake in Haryana, India, *Iranian Journal of Tourism & Hospitality*, 1(4): 91-102
- Mohsen Norouzi, Borhan Mansouri, **Amir Hossein Hamidian**, Iman Zarei and Ahmad Mansouri (2012) Metal concentrations in tissues of two fish species from Qeshm island, Iran, *Bulletin of Environmental Contamination and Toxicology*, 89 (5) 1004-1008
- Ghasem Rajaei, Borhan Mansouri, Hamid Jahantigh and **Amir Hossein Hamidian** (2012) Heavy metal concentrations in the water of the Chah nimeh reservoirs from Zabol, Iran. *Bulletin of Environmental Contamination and Toxicology*, 89 (3) 495-500

- Hassan Parvizi Mosaed, Soheil Sobhan and **Amir Hossein Hamidian** (2012) Heavy metals (Cr (VI) and Zn (II)) removal from wastewater using rice hulk, *Journal of Natural Environment*, 65 (3) 315-327
- Maryam Zareh Reshqueih, **Amir Hossein Hamidian**, Hadi Poorbagher, Sohrab Ashrafi and Leila Vaziri (2012) Green algae as bioindicator of heavy metal pollution in the Shoor river, Robat Karim, Iran, *Journal of Natural Environment*, 65 (2) 193-204
- Masoumeh Ariyaee and **Amir Hossein Hamidian** (2012) Management of Hospital Wastes in Mashhad, *Journal of Natural Environment*, 65 (1) 1-12
- Majid Atashgahi, **Amir Hossein Hamidian**, Nematollah Khorasani and Fereidoun Aflaki Pashaki (2011) An investigation on the efficiency of heavy metal removal from wastewater of Bidboland gas refinery using common reed, *Journal of Natural Environment*, 64 (4) 337-347
- Mohammad Reza Hajihashemijazi, Majid Atashgahi and **Amir Hossein Hamidian** (2011) Spatial estimation of groundwater quality factors using geostatistical methods (Case study: Golpayegan plain), *Journal of Natural Environment*, 63 (4) 347-357
- **Amir Hossein Hamidian** and Mohammad Babapour (2010) Engineers and the Knowledge of the Environment, *Journal of Faculty of Engineering, University of Tehran*, 43: 101-104
- Hojat Veisi, Mostafa Amiri, **Amir Hossein Hamidian**, Javad Malakootikhah, Leila Fatolahi, Alireza Faraji, Alireza Sedrpoushan, Behrooz Maleki, Shokufe Ghahri Saremi, Mohammad Noroozi, Fatemeh Bahadoori and Somayeh Veisi (2010) 1,3-Dibromo-5,5-dimethylhydantoin (DBH) as a Mild and Efficient Catalyst for Chemoselective Thioacetalization of Carbonyl Compounds and dethioacetalization under Mild Conditions, Phosphorus, Sulfur, and Silicon and the Related Elements, 185 (4) 689 – 696
- Abdo-Reza Nekoei, Sayyed Faramarz Tayyari, Mohammad Vakili, Soheila Holakoei, **Amir Hossein Hamidian** and Robert Erik Sammelson (2009) Conformation and vibrational spectra and assignment of 2-thenoyltrifluoroacetone, *Journal of Molecular Structure*, 932 (1-3) 112-122

Others:

- **Amir Hossein Hamidian** and Maryam Zareh Reshqueih (2013) Methods of pollution control and reduction in ceramic production industry, *Journal of ceramic and building*, 22: 64-68
- **Amir Hossein Hamidian** and Maryam Zareh Reshqueih (2013) Ceramic production industry and its effects on environment, *Journal of ceramic and building*, 2: 28-31
- **Amir Hossein Hamidian** and Mahdiyeh Dalvand (2013) Pollutants released from stone industry and methods for their control and reduction, *Journal of Stone World*, 12: 88-90
- **Amir Hossein Hamidian** and Maryam Zareh Reshqueih (2013) An introduction to cement industry and its effects on environment, *Journal of cement technology*, 16: 17-22
- **Amir Hossein Hamidian** and Mahdiyeh Dalvand (2013) A review on impacts and pollutant of textile industry (Part II: wastewater control), *Journal of textile industry*, 235: 80-85
- **Amir Hossein Hamidian** and Mahdiyeh Dalvand (2013) A review on impacts and pollutant of textile industry (Part I), *Journal of textile industry*, 236: 76-80
- Zohreh Ahmadi Kordestani, **Amir Hossein Hamidian**, Seyyed Vali Hosseini and Sohrab Ashrafi (2014) Heavy metals in aquatic ecosystems, *Sabzineh*, 25: 41-45

- Maedeh Chitsaz, **Amir Hossein Hamidian**, Babak Motesharrezadeh, Sohrab Ashrafi, Ali Asghar Mirjalili and Esmat Esmaeilzadeh (2013) Determination of Cu, Pb and Zn in *medicago sativa* collected from Darreh Zereshk, Yazd, World of Agriculture 39 (5) 39
- Maedeh Chitsaz, **Amir Hossein Hamidian**, Babak Motesharrezadeh, Sohrab Ashrafi, Ali Asghar Mirjalili and Esmat Esmaeilzadeh (2013) Determination of Cu, Pb and Zn in agricultural soil of Darreh Zereshk, Yazd, World of Agriculture 40(5) 18
- **Amir Hossein Hamidian** and Leila Tayyebi (2013) Pollutants released by paint and related industries, Journal of surface coating 47: 20
- Farzaneh Ahrari, **Amir Hossein Hamidian** and Mohammad Reza Dousti (2014), Investigation of the effect of irrigation using municipal wastewater on the concentration of heavy metals (As, Cd and Pb) in cotton plants, World of Agriculture 45: 18
- Mohammad Hossein Mahmoudi, **Amir Hossein Hamidian** and Mohammad Ali Zare Chahouki (2014), Determination of heavy metal concentration in soils around Khatoon Abad Copper Mine, World of Agriculture 45: 27
- Farzaneh Ahrari, **Amir Hossein Hamidian** and Mohammad Reza Dousti (2014), Investigation of the effect of irrigation using municipal wastewater on the concentration of heavy metals (As, Cd and Pb) in sunflower plants, World of Agriculture 43: 16
- Manoochehr Khazaei, **Amir Hossein Hamidian**, Afshin Alizadeh, Sohrab Ashrafi, Ali Asghar Mirjalili and Esmat Esmaeilzadeh (2014) Applying the Persian Jird (*Meriones persicus*) as bioindicator of metal pollution in Darreh Zereshk, Yazd, Journal of Kerman copper mine
- Mahdiyeh Dalvand, **Amir Hossein Hamidian**, Mohammad Ali Zare Chahouki, Babak Motesharrezadeh, Ali Asghar Mirjalili and Esmat Esmaeilzadeh (2013) Investigation of metal accumulation in *Artemisia aucheri* and *Astragalus gummifer* in Darreh Zereshk, Taft, Yazd, Andisheh (Journal of Iran National Company of Copper Mine)
- Maryam Zareh Reshquieh and **Amir Hossein Hamidian** (2013) A review on the impacts of electric power industry on environment, Journal of Biosphere, 12: 35-43
- Investigation of Industrial wastewater of Semnan Industrial Zone and designing the best method for its treatment, M.Sc. project, 2000, UT, Iran
- Principles of greenspace design in industrial areas, 1999, Baqdar journal
- Investigation of sources, impacts and removal methods of phosphorus, nitrogen and sulfur from wastewater, M.Sc. seminar, 1999, UT, Iran
- Assessment of physical potential of Qamsar Region for ecotourism, B.Sc. project, 1998, UT, Iran
- Preparation of environmental principles of greenspace and park design and engineering, B.Sc. seminar, 1998, UT, Iran
- Papers in journals of students: "Industry and the environment", Biosphere, 1999; "when a Canary is similar to a lichen, Aeene, 1999; "growth or not; is it the question?" Mead, 1998; "Can plants clean up the earth?" Pooyesh, 1996

7.3. Conferences:

- Shokoufeh Emami, **Amir Hossein Hamidian**, Niloufar Emami (2025) Microplastics in wastewater treatment plants, bibliometric analysis, 8th International Congress of Developing Agriculture, Natural Resources, Environment and Tourism of Iran, 11th-13th February 2025, Iran, Tabriz
- Shokoufeh Emami, **Amir Hossein Hamidian**, Niloufar Emami (2025) From plastics to microplastics, a threat to human and environment, 8th International Congress of Developing

Agriculture, Natural Resources, Environment and Tourism of Iran, 11th-13th February 2025, Iran, Tabriz

- **Amir Hossein Hamidian** (2024) Microplastics in Water; Detection, Effects & Removal, CAS-TWAS-CEWE Water and Sanitation, 21st October-2nd November 2024, Beijing, China
- Sediqeh Alijani, Ameneh Naseri & **Amir Hossein Hamidian** (2023) Pesticide Removal from water using the nanocomposite of Fe based MOF and Reduced Graphene Oxide, The 12th International Chemical Engineering Congress & Exhibition (IChEC 2023), 13-15 December 2023, Tehran, Iran
- **Amir Hossein Hamidian** (2023) Microplastics as vectors of ARGs in the environment, 2023 International forum on: Environmental dimension of antimicrobial resistance under One Health, 26-29 September 2023, Ningbo, China
- **Amir Hossein Hamidian**, Yu Zhang & Min Yang (2023) The current knowledge on the distribution of ARGs in Iran environment, the International Symposium on Microbes and Related Health Risks in the Aquatic Environment, 6-8 September 2023, Beijing, China
- Maede Chitsaz, **Amir Hossein Hamidian**, Babak Moteszarezhadeh and Seyed Ali Asghar Mirjalili (2023) Investigating the change in the availability of lead metal by adding zeolite mineral modifier to the agricultural soil near a copper mine in Darreh Zereshk region (Yazd province, Iran), 6th International Congress of Developing Agriculture, Natural Resources, Environment and Tourism of Iran, 17-18 January. 2023, Tabriz Islamic Art University, Tabriz, Iran
- Malihe Mozafarjalali, **Amir Hossein Hamidian** and Mohammad Hossein Sayyadi Anari (2023) A review of microplastic resources and ways to enter water habitats, 6th International Congress of Developing Agriculture, Natural Resources, Environment and Tourism of Iran, 17-18 January. 2023, Tabriz Islamic Art University, Tabriz, Iran
- Malihe Mozafarjalali, **Amir Hossein Hamidian** and Mohammad Hossein Sayyadi Anari (2023) Microplastic pollution: a threat to marine ecosystems and human health (review) , 6th International Congress of Developing Agriculture, Natural Resources, Environment and Tourism of Iran, 17-18 January. 2023, Tabriz Islamic Art University, Tabriz, Iran
- Malihe Mozafarjalali, **Amir Hossein Hamidian** and Mohammad Hossein Sayyadi Anari (2023) Ectotoxicological effects of microplastics on living organisms (Review study) , 6th International Congress of Developing Agriculture, Natural Resources, Environment and Tourism of Iran, 17-18 January. 2023, Tabriz Islamic Art University, Tabriz, Iran
- Sediqa Alijani, Ameneh Naseri and **Amir Hossein Hamidian** (2022) Carbon nitride graphite nanocomposite and metal-organic framework for removal of colored pollutant from water The 8th Scientific & Research Conference on the Development and Promotion of Agricultural Sciences and Natural Resources of Iran, 19 October 2022, Tehran, Iran
- Maede Chitsaz, **Amir Hossein Hamidian**, Babak Motesharrezadeh and Ali Asghar Mirjalili (2021) Determination of heavy metal concentration (Cu, Pb, and Zn) in *Medicago sativa* and soil samples adjacent to the Darreh Zereshk copper mine, Yazd province, 5th International Congress of Developing Agriculture, Natural Resources, Environment and Tourism of Iran, 19-21 May 2021, Tabriz, Iran
- **Amir Hossein Hamidian** (2021) Environmental Effects of Cement Industry and its Management, Third conference of Applied Chemistry Science and Technology- Earth and Environmental Chemistry, 13 January 2021, Kerman, Iran
- **Amir Hossein Hamidian** (2021) Pollutants of Pulp and Paper Industry and their Control and Reduction, Third conference of Applied Chemistry Science and Technology- Earth and Environmental Chemistry, 13 January 2021, Kerman, Iran

- **Amir Hossein Hamidian** (2021) Investigation of chemical pollutants in leather industry and its reduction and control methods, Third conference of Applied Chemistry Science and Technology- Earth and Environmental Chemistry, 13 January 2021, Kerman, Iran
- Sanaz Sabeti Mohammadi, Omid Atghia, **Amir Hossein Hamidian** and Mohammad Javan Nikkhah (2019) Identification of tolerant fungal species in Polycyclic Aromatic Hydrocarbons contaminated soils, 4th Iranian Mycological Congress, 26-28 August 2019, Sari, Iran
- **Amir Hossein Hamidian**, Yu Zhang and Min Yang (2019) Environmental Issues of Anzali International Wetland in north of Iran, potentials for cooperation, Wuhan Institute of Hydrobiology, 24 April 2019, Wuhan, China
- **Amir Hossein Hamidian** (2018) Priorities of Research and Technology Application in the Area of Water and Environment in North of Iran, Workshop on cooperation between Guilan University and RCEES, 9 November 2018, Beijing, China
- **Amir Hossein Hamidian**, Min Yang and Yu Zhang (2018) Environment and Agriculture in Iran, aspects of sustainable agriculture, International Seminar on Agricultural Policy Research 25-30 September 2018, Beijing, China
- Fatemeh Mojoudi, **Amir Hossein Hamidian** and Soheil Eigdari (2018) Lethal Concentrations (LC_{50-96h}) of Pb(NO₃)₂ in Common Carp, *Cyprinus carpio*, The 2nd International Congress on Fisheries and Aquatic Research, 12-15 July 2018, Turkey
- **Amir Hossein Hamidian** (2018) China-Iran Cooperation on Water and Environment, History and Future, The 3rd China-Iran Cooperation Congress, 6 May 2018, Beijing, China
- **Amir Hossein Hamidian** (2018) Sino-Iran cooperation on water and environment, Sino-Iranian Workshop on Water Environment, 2-6 May 2018, Xiamen, China
- Parisa Samadzadeh, Sajjad Najafipour, Mazaher Moeinaddini and **Amir Hossein Hamidian** (2017) Evaluation of groundwater susceptibility in Tehran province using DRASTIC and GIS, National Conference for Sustainable Land, New Findings in Civil and Environmental Engineering, 14 December 2017, Iran
- **Amir Hossein Hamidian** (2017) Teaching Environmental Conservation, Essential for Future Education, The 2nd G20 Education Dialogue, 1-2 December 2017, Guilin, China
- **Amir Hossein Hamidian** (2017) The water-related research needs of Iran in International cooperation, China-Iran Technology Cooperation Exchange, 27 November 2017, Beijing, China
- **Amir Hossein Hamidian** (2017) The Importance of Childhood Education in Environmental Awareness, The Belt and Road Dialogue on Education: Research, Decision-making & Innovation, 26-29 November 2017, Beijing, China
- Mojtaba Yahyaabadi, **Amir Hossein Hamidian** and Sohrab Ashrafi (2017) The effects of macro-chemical fertilizers on soil worms of an orchard soil, The 15th Congress for Iranian Soil Pollution, 28-30 August 2017, Iran
- Parisa Samadzadeh, **Amir Hossein Hamidian** and Soheil Eagderi (2017) Acute Effects, colloidal silver nanoparticles (AgNPs) on goldfish (*Carassius auratus*), 4th International conference on environmental planning and management, 23-24 May 2017, Iran
- Sahar Behrekab, **Amir Hossein Hamidian** and Omid Tavakkoli (2017) Leachate Treatment Using Electromagnetic Method and Iron Oxide Nanoparticles (Fe₃O₄), 4th International conference on environmental planning and management, 23-24 May 2017, Iran
- **Amir Hossein Hamidian**, Mona Alidoust Saharkhiz Lahiji, Seyyed Vali Hosseini and Hassan Sheikhzadeh (2017), Determination of nitrate concentrations in drinking waters of

Tehran, 4th International conference on environmental planning and management, 23-24 May 2017, Iran

- **Amir Hossein Hamidian** (2017) Introduction of the University of Tehran College of Agriculture and Natural Resources, Potentials for Cooperation on the Fields of Water and Environment, The 1st China-Iran Cooperation Congress, 22 February 2017, Beijing, China
- Mohammad Akbarpour and **Amir Hossein Hamidian** (2017) Application of Nanotechnology for Water and Wastewater Treatment, The Second National Conference for Sustainable Development in Systems of Energy, Water and Environmental Engineering, 21-22 February 2017, Iran
- **Amir Hossein Hamidian** (2017) Introduction of the University of Tehran and Suggestions on Cooperation Fields and Ways between China and Iran, Workshop on Cooperation between China and Iran, 14 January 2017, Beijing, China
- Mahdiyeh Dalvand, **Amir Hossein Hamidian**, Mohammad Ali Zare Chahouki, Babak Motesharrezadeh, Zohreh Ahmadi Alkouei, Ali Asghar Mirjalili, and Esmat Esmaeilzadeh (2016) Feasibility study for environmental management of mineral soils containing heavy metals, 2nd conference on Environmental science, Engineering & Technology, 26 May 2016, Iran
- **Amir Hossein Hamidian**, Seyyed Jafar Khamesi, Mohammad Javan Nikkhah and Omid Atghia (2016) Biosorption of heavy metals by using fungi isolated from sediments which contaminated by Zinc waste industries, 2nd Iranian Mycological Congress, 2016, Iran
- Masoomeh Vahedi & **Amir Hossein Hamidian** (2015) Studying the efficiency of Chamestan industrial wastewater treatment plant, Third Conference and Exhibition on Environmental Issues, 23 August 2015, Tehran, Iran
- **Amir Hossein Hamidian** (2015) NanoEcology: the Essential Emergent Field of Research and Education, The 3rd international congress on chemistry and chemical engineering (ICCCE 2015), 2-3 July 2015, Istanbul, Turkey
- **Amir Hossein Hamidian**, Zeynab Rahimizadeh and Seyyed Vali Hosseini (2015) Study and application of nano-clay montmorillonite in heavy metal removal from aqueous solutions, The 9th national conference on world environment day, 1st July 2015, Tehran, Iran
- Alireza Mirzajani, **Amir Hossein Hamidian** and Mahmoud Karami (2015) Monitoring of pollution in the Caspian sea shores in Guilan province using heavy metal measurements in small invertebrates, The 9th national conference on world environment day, 1st July 2015, Tehran, Iran
- **Amir Hossein Hamidian** and Hajar Norouznia (2015) Studying the accumulation of heavy metals Cu, Cr, Pb, As and Cd in different tissues of *Typha latifolia* and sediments of Anzali wetland, The 9th national conference on world environment day, 1st July 2015, Tehran, Iran
- Zahra Padashbarmchi, **Amir Hossein Hamidian**, Hongwei Zhang, Liang Zhou, Nematollah Khorasani, Mahmood Kazemzad “Environmental Impact Assessment of Different Anode Materials for Lithium Ion Battery”, 4th Annual International Conference on Sustainable Energy and Environmental Sciences (SEES 2015), 9-10 February 2015, Singapore
- Alireza Mirzajani, **Amir Hossein Hamidian**, Siamak Bagheri and Mahmoud Karami (2014), Impact of Cirripedia *Balanus improvises* on Bivalvia *Cerastoderma glaucum* community in the southwestern Caspian Sea, 8th International Crustacean Congress (ICC-8), 18-23 August 2014, Frankfurt, Germany

- Zeinab Rahimizadeh, **Amir Hossein Hamidian** and Seyyed Vali Hosseini (2014) Applying Chitosan bio-polymer in water and wastewater treatment, The Second National Conference on Water Crisis (Climate Change, Water and Environment), 9-10 September 2014, The University of Shahrekord, Shahrekord, Iran
- Maryam Zareh Reshqueih, **Amir Hossein Hamidian**, Hadi Poorbagher, Masoumeh Ariyae and Sohrab Ashrafi (2014) Investigation of heavy metals accumulation in fish and sediment from Khodaafarin Dam, Azarbaijan-Sharghi, Iran, The Second Iranian Conference of Ichthyology, 7-8 May 2014, University of Tehran, Iran
- Masoumeh Ariyae, **Amir Hossein Hamidian**, Soheil Eagderi, Sohrab Ashrafi and Maryam Zareh Reshqueih (2014) The effect of salinity on the degree of influence of pollutants on gill of *Aphanius sophiae*, The Second Iranian Conference of Ichthyology, 7-8 May 2014, University of Tehran, Iran
- Maedeh Chitsaz, **Amir Hossein Hamidian**, Babak Motesharrehzadeh and Sohrab Ashrafi (2013) Determination of Cu and Zn in shoots of wheat collected from Darreh Zereshk, Yazd, The Third National Conference on Environmental Planning and Management, 26 November 2013, Tehran, Iran
- Maedeh Chitsaz, **Amir Hossein Hamidian**, Babak Motesharrehzadeh and Sohrab Ashrafi (2013) Determination of Cu and Zn in shoots of alfalfa *medicago sativa* collected from Darreh Zereshk, Yazd, The Third National Conference on Environmental Planning and Management, 26 November 2013, Tehran, Iran
- **Amir Hossein Hamidian** (2013) Green plants and nature: natural wastewater treatment plant, International Conference on Civil, Biological and Environmental Engineering (CBEE-2013), 21-22 November 2013, Bangkok, Thailand
- Manoochehr Khazae, **Amir Hossein Hamidian**, Afshin Alizadeh Shabani, Sohrab Ashrafi, Esmat Esmaeilzadeh, Ali Asghar Mirjalili and Somayye Sadat Alavian Petroody (2013) Determination of Cr in lung, kidney and heart of *Meriones persicus*, The First National Conference on Environmental Research, 31 October 2013, Hamedan, Iran
- Manoochehr Khazae, **Amir Hossein Hamidian**, Afshin Alizadeh Shabani, Sohrab Ashrafi, Esmat Esmaeilzadeh, Ali Asghar Mirjalili and Somayye Sadat Alavian Petroody (2013) The effects of sex on accumulation of Cu and Zn in hair of *Meriones persicus*, The First National Conference on Environmental Research, 31 October 2013, Hamedan, Iran
- Nafiseh Panahi, **Amir Hossein Hamidian**, Ali Tavili and Amin Sharifi (2013) Determination of Pb and Ni in soils around Halgheh Darreh landfill in Karaj, National Conference on Environmental Biotechnology, 26-27 May 2013, Tehran, Iran
- Manoochehr Khazae, **Amir Hossein Hamidian**, Afshin Alizadeh Shabani, Sohrab Ashrafi, Ali Asghar Mirjalili and Esmat Esmaeilzadeh (2013) Determination of essential elements in different organs of *Meriones persicus*, The First National Conference on Environmental Planning, Protection and Conservation and Sustainable Development, 20 February 2013, Hamedan, Iran
- Manoochehr Khazae, **Amir Hossein Hamidian**, Afshin Alizadeh Shabani, Sohrab Ashrafi, Ali Asghar Mirjalili and Esmat Esmaeilzadeh (2013) Determination of Pb, Co, Cd, As, Ca and S concentrations in hair and bone tissues of *Meriones persicus*, The First National Conference on Environmental Planning, Protection and Conservation and Sustainable Development, 20 February 2013, Hamedan, Iran
- Manoochehr Khazae, **Amir Hossein Hamidian**, Afshin Alizadeh Shabani, Sohrab Ashrafi, Ali Asghar Mirjalili and Esmat Esmaeilzadeh (2013) Investigating the relationship between trace element concentration in hair and internal organs of *Meriones persicus* in

Darreh Zereshk, Yazd, The First National Conference on Environmental Planning, Protection and Conservation and Sustainable Development, 20 February 2013, Hamedan, Iran

- MohammadSaleh AliTaleshi, Amin Emami and **Amir Hossein Hamidian** (2012) Investigating the effects of air and noise pollution on highschool staff of districts 1,2,10 and 11 of Tehran, The First National Conference on Air and Noise Pollution Management, 17-18 November 2012, Sharif University of Technology, Tehran, Iran
- **Amir Hossein Hamidian**, Amin Emami and MohammadSaleh AliTaleshi (2012) Studying the effects of air, noise, landscape and light pollution on the efficiency of highschool staff in different areas of Tehran, National Conference on Air Pollution, 15-16 November 2012, College of Technology, University of Tehran, Iran
- Zohreh Ahmadi Kordestani and **Amir Hossein Hamidian** (2012) Extraction of biogas from landfill sites, The first national conference on the application of novel technologies in environmental science and engineering, 27-28 May 2012, Hakim Sabzevari University, Sabzevar, Iran
- Majid Atashgahi, **Amir Hossein Hamidian**, Younes Arazzadeh and Nematollah Khorasani (2012) Survey of Pb uptake rate from gas refinery wastewater using common reed in a wetland system, Proceedings of the first conference on wetlands management and engineering, 27-28 May 2012, Tehran, Iran
- **Amir Hossein Hamidian** and Mojtaba Zamani (2012) The logic of wetland creation for eliminating environmental pollutants, Proceedings of the first conference on wetlands management and engineering, 27-28 May 2012, Tehran, Iran
- Soleiman Rakhsha, Majid Atashgahi, Hassan Parvizi Mosaed and **Amir Hossein Hamidian** (2012) Study of the potential use of the wetlands (reeds) for wastewater treatment, Proceedings of the first conference on wetlands management and engineering, 27-28 May 2012, Tehran, Iran
- Ali Hamidian and **Amir Hossein Hamidian** (2012) Students and the awareness of natural resources conservation (Case study: University of Tehran), The fifth national conference on range and range management, 16-18 May 2012, Boroojerd, Iran
- Mojtaba Zamani, Tahereh Batyari and **Amir Hossein Hamidian** (2012) A review on techniques of As removal from water with a focus on biological methods and phytoremediation, The second conference on environmental planning and management, 16-17 May 2012, Tehran, Iran
- **Amir Hossein Hamidian** (2012) Phytoremediation in Iran, proceedings of wildlife conservation and habitat management, A joint U.S./Iran workshop, 2-4 April 2012, UC Irvine, CA, USA
- MohammadSaleh AliTaleshi, **Amir Hossein Hamidian** and Amin Emami (2012) Accumulation of Pb, Cd and V in plants collected from Ramsar, The First National Conference on Environmental Protection and Management, 22-23 February 2012, Hamedan, Iran
- Farzaneh Mahmoudian, **Amir Hossein Hamidian**, Nematollah Khorasani and Pooria Haghpanah (2012) Risk assessment of heavy metal flow from acidic sludge into underground waters, The ninth national conference of environmental impact assessment, 15-16 February 2012, Tehran, Iran
- Ali Hamidian and **Amir Hossein Hamidian** (2011) The need for environmental education at universities (Case study: University of Tehran), The first national conference on education in Iran in 2025, 29-31 October 2011, Tehran, Iran

- **Amir Hossein Hamidian** and Maryam Zareh Reshqueih (2011) An investigation on the possibility of trace metal biomagnification in a river ecosystem (Rood Shoor, Iran), proceedings of the first EIT international conference on water resources engineering, 18-19 August 2011, Cha am, Thailand
- **Amir Hossein Hamidian**, Majid Atashgahi and Leila Vaziri (2011) Phytoremediation of trace metals in aquatic ecosystems using common reed *Phragmites australis*, proceedings of the first EIT international conference on water resources engineering, 18-19 August 2011, Cha am, Thailand
- **Amir Hossein Hamidian** and Mansoureh Hasanzadeh (2011) Investigation of the potential use of PAMOLARE 1-layer model for the prediction of eutrophication in hypertrophic wetlands (case study: Zarivar wetland) proceedings of the first EIT international conference on water resources engineering, 18-19 August 2011, Cha am, Thailand
- Majid Atashgahi, **Amir Hossein Hamidian** and Hassan Parvizi Mosaed (2011) Heavy metal phytoremediation: a method towards sustainable development, The fifth national conference on world environment day, 7 June 2011, Tehran, Iran
- Majid Atashgahi, **Amir Hossein Hamidian**, Mohammad Reza Hajihashemi Jazi and Seyyed Mostafa Moosavi Sefat (2011) Studying the quality of water of two qanats in Birjand for drinking, Proceeding of the seventh national seminar on watershed management, sciences and engineering, 27-28 April 2011, Isfahan, Iran
- Mohammad Reza Hajihashemi Jazi, Majid Atashgahi and **Amir Hossein Hamidian** (2011) Mapping spatial distribution of pollutants in groundwater, a tool for water resource management, Proceeding of the seventh national seminar on watershed management, sciences and engineering, 27-28 April 2011, Isfahan, Iran
- Seyyed Mahdi Heshmatolvaezin, Parviz Jafari Fesharaki and **Amir Hossein Hamidian** (2011) Economic evaluation of environmental degradation and its implication in determination of pollution standards, Conference on environmental economy, 2 March 2011, Tehran, Iran
- **Amir Hossein Hamidian** and Mohammad Babapour (2009) Engineers and the Knowledge of the Environment; Engineering education in 2025; 12-13th May 2009; University College of Engineering, University of Tehran, Iran
- **Amir Hossein Hamidian**, Keith A. Hunter, Russell D. Frew and Barrie M. Peake (2009) The global dissolved cadmium-phosphate relationship as a tool to predict atmospheric CO₂ levels; International Conference on Climate Change: Impacts and Responses; 9-11th January 2009; Bharati Vidyapeeth Institute of Environment Education and Research, Pune, India; Available online: <http://c09.cgpublisher.com/proposals/107/index.html>
- **Amir Hossein Hamidian**, Barrie M. Peake, Russell D. Frew, Enitain B. Ibisnami, Kim I. Currie and Keith A. Hunter (2009) Cadmium: A Nutrient-like Trace Metal; Cadmium in waters associated with the Subtropical Front East of New Zealand; Chemistry and the Biosphere; The New Zealand Institute of Chemistry (NZIC), New Zealand Society for Biochemistry and Molecular Biology (NZSBMB) and the New Zealand Society of Plant Biologists (NZSPB) combined conference; November 30th - December 4th, 2008; University of Otago, Dunedin, New Zealand
- Toyin Adu, **Amir Hossein Hamidian**, Russell D. Frew and Keith A. Hunter (2009) Influence of bioactive trace metals on Cd/PO₄ ratio in subtropical front southeast of New Zealand; Hunter; Chemistry and the Biosphere; The NZIC, NZSBMB and the NZSPB

combined conference; November 30th - December 4th 2008; University of Otago, Dunedin, New Zealand

- Melanie Gault-Ringold, Claudine Stirling, Russell D. Frew, **Amir Hossein Hamidian** and Keith A. Hunter (2009) Cadmium Isotope Fractionation and Nutrient Cycling in the Southern Ocean; Chemistry and the Biosphere; The NZIC, NZSBMB and the NZSPB combined conference; November 30th - December 4th, 2008; University of Otago, Dunedin, New Zealand
- **Amir Hossein Hamidian**, Keith A. Hunter, Russell D. Frew and Barrie M. Peake (2007) Cadmium in filtered and un - filtered seawater samples collected from the Indian and Southern Ocean (CLIVAR Cruise I8S); 15th Annual RACI Analytical and Environmental R&D Topics Conference; 9-12th December 2007; Flinders University, South Australia
- **Amir Hossein Hamidian**, Malcolm R. Reid, Barrie M. Peake and Keith A. Hunter (2006) The effects of depuration on trace metal concentration in cockle species (*Austrovenus stutchburyi*) from Otago Harbour, New Zealand, seminar in the 14th Annual RACI Analytical and Environmental R&D Topics conference, 2006, Wollongong, Australia

7. Students supervised:

Ph.D.

- Farzaneh Mirzabayati, “Investigation of Microplastic Particles in Plant Rhizosphere and Leachate in Karaj Landfill”, 2025
- Mohsen Mahfouzy, “Role of elements cycles and disturbance regime on directing ecological succession in Boujagh wetland grasslands”, 2024
- Mahdiyeh Dalvand, “efficiency of nanoparticles and electromagnetic field on reducing industrial water pollution”, 2023
- Nastaran Razeghi, “removal of arsenic from groundwater using conventional and nanotechnology methods”, 2022
- Farzaneh Feizi, “Investigating of metal pollution in surface water runoff in Tehran”, 2020
- Somayyeh Rezaei, “virtual water implication in Tehran”, 2019
- Maryam Zareh Reshquieh, “Investigating pollution of Khatoon Abad Plant using interpolation and modeling approach”, 2017
- Sanaz Sabeti Mohammadi, “Bioremediation of PAHs from polluted soils using molds and nanofertilizers”, 2017
- Mojtaba Yahyaabadi, “Investigating the effects of chemical and nanofertilizers on soil worms as bioindicators of metlas”, 2017
- Fatemeh Mojoudi, “synthesis of nanoabsorbents with nanoclay, activated carbon & graphen oxide, their efficiency on metal removal & effects on *Cyprinus carpio*, 2017
- Seyyed Jafar Khamesi, “Heavy metals biosorption from contaminated water using fungi isolated from sediments contaminated with wastes of zinc industries modified by surfactants”, 2016
- Alireza Mirzajani, “Studying of the importance of macro-benthos communities in food web of the Caspian sea using ¹⁵N and ¹³C isotopes”, 2016

- Zahra Padash Barmchi, Identification of suitable nanostructured materials in lithium ion batteries to increase the efficiency in order to reduce the environmental pollution, 17 February 2015
- Maryam Keshavarz Jamshidian, Studying the fauna of Oribatida mites in Alborz province and Oribatida mites in heavy metal polluted areas around Zanjan city, 16 February 2015

Under supervision

Delaram Sadat Tavoosi, “Microplastics as vectors of various organic pollutants in aqueous solutions”

Mahdi Kargar “Synthesis of magnetic nanocomposites coated with bismuth and investigation of the removal efficiency of antibiotics and antibiotic-resistant bacteria (ARB) from livestock wastewater”

Sadegh Salamat “Microplastics in Soil”

Mohammad Reza Pirzadi Jahromi, MP distribution and effects in a global scale

Meisam Feizi, Emerging pollutants in Anzali international wetland

M.Sc.

- Mahsa Falahati, “Investigating Microplastics in the Surrounding Environment of Yazd Landfill”, 2025
- Kimia Abaei Ardabili, “Investigation of Microplastic Levels in Drinking Water Production Process (Case Study: Baharestan Industrial Town)”, 2025
- Mahya Dejkam, “Measurement of Microplastic in Toothpastes with High Consumption in Iran and its Risk Assessment”, 2025
- Pegah Nazari, “Investigating the Relationship between Socio-Economic Factors and the Abundance of Microplastics in Different Areas of Tehran”, 2025
- Faezeh Estiri, “Investigating Microplastics in Wastewater of Plastic Waste Units in Baghershahr”
- Tina Hajian, “Identifying and diagnosing microplastics in Iranian popular brands”, 2024
- Haniyeh Saeedi Tooshmanloui, “Investigating the effectiveness of salts on density separation in the study of microplastics (case study: Caspian Sea and Anzali Lagoon)”, 2024
- Shokoofeh Emami, “Occurrence and characteristics of microplastics in Qom's raw wastewater and removal efficiency of microplastics in wastewater treatment plants”, 2024
- Sediqa Alijani, “Design and synthesis of high separable nanocomposite photocatalysts for removal of organic pollutants from water”, 2023
- Maryam Moradinejad, “Investigation of quantitative and qualitative changes in Karkheh river water (Study area: downstream of Karkheh regulatory dam)”, 2023
- Malihe Mozaffarjalali, “Investigation of microplastics as vector of different nanoparticles in aquatic solution”, 2023

- Anita Ghasemi, “Occurrence and characterization of microplastics in industrial wastewater sludge, a case study: Eshtehard Industrial Town”, 2023
- Samira Sadeghi, “Comparing fetal effects of microplastics on zebrafish (*Aphanius sophiae*) in saline and freshwater media”, 2022
- Saba Miri, “Comparing centrifugation, filtration and flocculation efficiencies in removal of nanoplastic particles from aqueous solutions”, 2022
- Mahboubeh Bagherinia, “Selection of Appropriate Waste Collection Options by Life Cycle Assessment Using IrIWM Model (Case Study: Azimiyeh Area, Karaj)”, 2021
- Pejman Ghahramani, “Investigation of Microplastics pollution in wastewater treatment plant of south of Tehran”, 2021
- Fatemeh Naseri, "Studying the DNA disctruction of soil warm (*Lumbricus terrestris*) by radioactivity, a comparative case study in Ramsar and Tonkabon, using Commet Score", 2019
- Sara Yalpanian, "Studying the DNA disctruction of eel (*Natrix tessellata*) by radioactivity a comparative case study in Ramsar and Tonkabon, using Commet Score", 2019
- Fatemeh Shakouri, “ studying the efficiency of nanotechnology in removal of microbial pollution from a farm wastewater”, 2019
- Maryam Bijanvand, “removal of emerging pollutants from aqueous solution using nano-absorbants”, 2019
- Hassan Sheikhzadeh, “studying the efficiency of super acid nanoparticles in removal of antibiotics from wastewater”, 2018
- Mahmoud Bahri, “synthesis of nanoparticles and their efficiency on removal of e-coli from diary wastewater”, 2018
- Parinaz Soltani, “modelling the distribution of physicochemical parameters of surface water in Ardebil Province”, 2018
- Moahammad Akbarpour, “the effects of iron nanoparticles in a magnetic field on removal of metals from aquous solution”, 2017
- Parisa Samadzadeh, “studying histological and homological effects of silver nanoparticles on gold fish”, 2017
- Mostafa Nuristanbulu, "Environmental impact assessment of Tehran-Karaj highway with emphasis on pollution dispersion modeling", 2017
- Sahar Behrekab, “effects of magnetic field in treating physicochemical parameters of landfill leachate”, 2017
- Mona Alidoust Lahiji, “distribution of nitrate in tap water and mineral waters of Tehran”, 2016
- Farideh Karimzadeh, “Investigation of heavy metal pollution in soils of primary schools of Astara, Iran, 2016
- Arash Daei “Evaluation of trees on dust removal from the air (case study: ValiAsr street in Tehran)”, 2016
- Hajar Norouznia, “Biomagnification of trace elements in an aquatic food chain in Anzali wetland”, 2015
- Zeinab Rahimizadeh, “Efficiency of Chitosan/montmorillonite composites for the removal of heavy metals (Pb, Ni, Cr, Cu, Cd and As) from industrial wastewater”, 2014
- Farzaneh Ahrari, “Comparing the concentrations of heavy metals in crop plants irrigated with water and treated wastewater (Case study: Birjand wastewater treatment plant)”, 2014

- Mohammad Hossein Mahmoudi Meimand, “Effects of physicochemical properties of soil on metal accumulation by pasture plants around Khatonabad copper melting factory, Kerman”, 2014
- Leila Tayyebi, “Phytoremediation of mercury (Hg) in Bandar Imam Khomeini Petrochemical wastewater using three native plant species”, 2013
- Zohreh Ahmadi Kordestani, “Risk assessment of heavy metals posed by seafood consumption (Case study: Tehran)”, 2013
- Maedeh Chitsaz, “Determination of heavy metal (copper, lead and zinc) concentrations in soil and crops and ways to reduce their transmission to plant, case study (Darreh Zereshk, Taft city)”, 2013
- Mahdiyeh Dalvand, “Determination of heavy metals (copper, lead and zinc) concentrations in soil and native plant species, Darreh Zereshk, Taft city”, 2013
- Nafiseh Panahi, “Studying the effects of Karaj landfill on the concentrations of heavy metals (Ni and Pb) in soil and native plant species”, 2013
- Manoochehr Khazaei, “Study of heavy metal (Zn, Pb and Cu) concentrations in hair and liver of rodents, Darreh Zereshk, Yazd”, 2013
- Leila Moghaddasi, “Using bioindicators in biomonitoring Tehran air pollution with lead (Case study: house sparrow *Passer domesticus*)”, 2012
- Somayyeh Sadat Alavian Petroody, “Bio-accumulation of heavy metals cadmium, nickel, lead and arsenic in oysters (*Saccostrea cucullata*) off the coast of Qeshm”, 2012
- Soleiman Rakhsha, “An investigation on the relationship between communities of riverine benthic macroinvertebrates and heavy metals (Cd, As and Pb) bioconcentrations in the rivers of Mazandaran province”, 2012
- Masoumeh Aryaee, “Comparative study of heavy metals Cd and As in endemic fish *Aphanius sophiae* in fresh and salt waters (absorption and histological effects on target organs)”, 2012
- Farzaneh Mahmoudian, “Proposing the best management method of oil second treatment’s acidic sludge using IWEM software (case study: Garmsar)”, 2011
- Azadeh Boojari, “A Comparison between Trace Metal (Cd, Pb, Ni) Concentrations in Liver and Muscle of Shirbot (*Barbus grypus*) and Hilsa (*Tenuulosa ilisha*) Fish Species in Karoon River- Khuzestan, Iran”, 2011
- Hadi Kari, “Phytoremediation of BOD, COD, nitrogen and phosphorus (N&P) in Shiraz municipal wastewater using water hyacinth (*Eichhornia crassipes*)”, 2011
- Maryam Zareh Reshquieh, “Cadmium (Cd), copper (Cu) and arsenic (As) biomagnification in a food chain of Sattar Khan and Khoda Afarin dams”, 2011
- Hasan Parvizi Mosaed, “Comparison of heavy metal (Pb, As, Cd, Hg) concentrations in rice of Isfahan and Lorestan states with imported rice samples”, 2011
- Majid Atashgahi, “Phytoremediation of heavy metals (Cd, Pb and V) in Bidboland gas refinery wastewater using reed (*Phragmites australis*)”, 2011

Under Supervision

- Shaghayegh Zolghadri, “Quantitative and Qualitative Assessment of Microplastics and Glass in Urban Compost and Farmers' Perceptions Towards It”
- Ali Rostami, Microplastics in Tehran dusts and their discharge into wastewater

BSc:

- Mohadeseh Ashouri, Designing environmental educational software for schools, 2025
- Zahra Mohammadi Hossein Abad, Microplastic effects on fish”, 2024
- Fatemeh Safavi, Transfer of microplastics from water and wastewater into soil, 2023
- Tannaz Anvari, The use of sludge, glass & plastic recycling in concrete construction, 2023
- Shaghayegh Zolghadri, Awareness of the people of Karaj city about the risks of microplastic and its prevention strategies, 2023
- Saghar Amiri, A review on the efficient bioremediation methods in restoration of contaminated lands, 2023
- Fatemeh Sadat Mirhosseini, Waste and wastewater management and engineering, 2022
- Saba Moshtaghi, Surface water quality management, Alborz regional water company, 2022
- Narges Masoudian, 2, Studying microplastics in foods and their effects on human, 2022
- Narges Masoudian, 1, HSE activities in the Department of Environment of Iran, 2022
- Fatemeh Ranjabr Mohammadi, Studying microplastic cycles in aquatic ecosystems, 2021
- Hadiseh Hamidzadeh, Studying important water pollution sources in Qazvin Province, 2021
- Minoos Abyari Jafarabad, Role of Ecotoxicology in EIA in Iran, 2021
- Milad Mirzaee, Emerging pollutants in water resources of Iran, 2021
- Faezeh Estiri, Methods for water pollution control in BagherAbad, Tehran, 2021
- Delara Sheikh-Robat, Effects of COVID-19 on sustainable development and environment in developing countries, 2020
- Seyyed Mohammad Javad Abdollah Saberi, A review on chemical methods of industrial wastewater treatment, 2020
- Houriyeh Sabbaghian, A review on conventional methods of dairy wastewater treatment, 2020
- Pejman Ghahramani, A review on methods of pharmaceutical wastewater treatment, 2018
- Jalal Amjd, A review on dairy wastewaters and their treatment methods, 2018
- Alireza Ahmadi, Studying groundwater pollution of Chalous watershed, 2016
- Reza Fathi, Reviewing micro pumps for saving water and energy in buildings, 2016
- Sajedeh Samiee: An investigation on nitrate concentration in water of Tehran and the related disease, 2014
- Sahar Goodarzi: The application of virtual water definition and criteria in reducing water pollution in Iran, 2014
- Sahar Behrekab, The effect of environmental pollutants on crime (Case study: Tehran), 2014
- Ozra Karimi, Studying the efficiency of Tehran wastewater treatment plants in removing different pollutants, 2014
- Ali Saeedi, Investigating light and noise pollution in Tehran, 2014

- Seyyed Mohammad Behehshti, The effects of indoor pollutants on health of the staff of Arialit Company, 2013
- Sepideh Eslami, Studying the effects of industrial pollution on Varjin Protected Area and Sorkkeh Hesar and Khojir National Parks, 2013
- Milad Gholizadeh, An investigation on the possibility of reuses and recycles in waste management in Behshahr, 2013
- Sajjad Ghaffari, Studying the possibility of vermicompost production from the wastes of Etkā Food Companies, 2013
- Zeinab Jamshidi, Investigating different methods used for wastewater treatment in Tehran wastewater treatment plants, 2013
- Ali Khatibi, Design and the production of a cellular automaton for environmental applications, 2012
- Mohammad Sadegh Kamali, The determination of heavy metal concentrations in vegetables irrigated with wastewater in south of Tehran, 2012
- Roozbeh Yeganegi, Studying the efficiency of different types of worms in producing vermicompost, 2012
- Fardin Safari, The determination of different pollutants released from Chooka Wood and Paper Company and suggestions for their control and reduction, 2012
- Sasan Esmalee, Shahriar (Baghestan) Waste management with the application of LCA (Life Cycle Assessment), 2012
- Amin Emami, Light and landscape pollution and their effects on the efficiency of Tehran people, 2011
- Samira Jalizi, Selecting the most proper liquid in a solar turbo-generator, 2011
- Alma Mohammadi, Improving the efficiency and heat transfer of a solar turbo-generator, 2011
- Sadigheh Tabatabaee Nasab, Investigating the efficiency of Yasuj municipal wastewater treatment plant in removing different type of pollutants, 2011
- Mohammad Taheri, Introducing methods for the improvement of medical waste management in Tabriz hospitals, 2011
- MohammadSaleh AliTaleshi, Heavy metal phytoremediation in soil using native plant species, 2011
- Mohammad Salki, An introduction to the biology of water pollution, 2010