

بسمه تعالی

نام خانوادگی: سعیده ممتاز	رشته/گرایش: سلولی مولکولی
عضو هیات علمی پژوهشکده گیاهان دارویی جهاد دانشگاهی	مرتبه علمی فعلی: استادیار

تحصیلات			
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زیست شناسی	زیست شناسی سلولی و مولکولی	زیست شناسی سلولی و مولکولی	رشته تحصیلی و گرایش
دانشگاه خوارزمی	دانشگاه پروتوریا	دانشگاه پروتوریا	مؤسسه محل اخذ مدرک
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۱۳۸۲	۱۳۸۵	۱۳۹۲	تاریخ اخذ مدرک
-	Plant-derived multifunctional actives from Ceratonia siliqua (L.) and Sideroxylon inerme (L.)	An Evaluation of Anti-proliferative activities of Hyaenanche globosa and Mytenus procumbens	عنوان پایان نامه یا رساله

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مقالات علمی- پژوهشی - مروری منتشر شده در مجلات علمی و پژوهشی معتبر داخلی و خارجی

Subject	Publication Date	Journal	Athours
An Overview of the Pharmacological Properties of Calebin-A	2024	Current Medicinal Chemistry	Shamsnia, Samanian, Sabbagh Kashani, Khayatan, Saeideh Momtaz , Johnston, Majeed, Jamialahmadi, Abdolghaffari, Sahebkar
Protective effects of curcumin against spinal cord injury	2024	Spine	Seyed Mehrad Razavi, Danial Khayatan, Zahra Najafi Arab, Yasamin Hosseini, Maryam Khanahmadi, Saeideh Momtaz , Tannaz Jamialahmadi, Thomas P Johnston, Amir Hossein Abdolghaffari, Amirhossein Sahebkar
The role of natural products as PCSK9 modulators: A review	2024	Phytotherapy Research	Danial Khayatan, Kimia Zare, Maryam Khanahmadi, Saeideh Momtaz , Alexandra E Butler, Tannaz Jamialahmadi, Wael Almahmeed, Amir Hossein Abdolghaffari, Amirhossein Sahebkar
Empagliflozin protective effects against cisplatin-induced acute nephrotoxicity by interfering with oxidative stress and inflammation in Wistar rats	2024	Naunyn-Schmiedeberg's Archives of Pharmacology	Nika Farrokh-Eslamlou, Saeideh Momtaz , Amirhossein Niknejad, Yasamin Hosseini, Parvin Mahdavian, Morteza Ghasemnejad-Berenji, Amir Hossein Abdolghaffari
Cinnamon Modulates Toll-Like Receptors: a New Therapeutic Approach for Diabetes	2024	Revista Brasileira de Farmacognosia	Amirhossein Niknejad, Seyed Mehrad Razavi, Yasamin Hosseini, Zahra Najafi Arab, Amir Hossein Abdolghaffari, Saeideh Momtaz
Derived Compounds Against Traumatic Brain Injury		Neurobiology	Danial Khayatan, Seyed Mehrad Razavi, Zahra Najafi Arab, Maryam Khanahmadi, Amirreza Samanian, Saeideh Momtaz , Vasily N Sukhorukov, Tannaz Jamialahmadi, Amir Hossein Abdolghaffari, George E Barreto, Amirhossein Sahebkar
Cinnamic Acid Ameliorates Acetic Acid-induced Inflammatory Response through Inhibition of TLR-4 in Colitis Rat Model	2024	Anti-Inflammatory & Anti-Allergy Agents in Medicinal Chemistry	Zahra Rezaei, Saeideh Momtaz , Pardis Gharazi, Mahban Rahimifard, Maryam Baeeri, Ali R Abdollahi, Mohammad Abdollahi, Amirhossein Niknejad, Danial Khayatan, Mohammad Hosein Farzaei, Amir Hossein Abdolghaffari
Therapeutic approaches for cholestatic liver diseases: the role of nitric oxide pathway	2024	Naunyn-Schmiedeberg's Archives of Pharmacology	Naser-Aldin Lashgari, Danial Khayatan, Nazanin Momeni Roudsari, Saeideh Momtaz , Ahmad Reza Dehpour, Amir Hossein Abdolghaffari
Therapeutic effects of anti-diabetic drugs on traumatic brain injury	2024	Diabetes & Metabolic Syndrome: Clinical Research & Reviews	Seyed Mehrad Razavi, Zahra Najafi Arab, Amirhossein Niknejad, Yasamin Hosseini, Abtin Fouladi, Saba Darban Kholes, Mostafa Shahali, Saeideh Momtaz , Alexandra E Butler, Vasily N Sukhorukov, Tannaz Jamialahmadi, Amir Hossein Abdolghaffari, Amirhossein Sahebkar
Sodium Glucose Transporter-2 Inhibitors (SGLT2Is)-TLRs Axis Modulates Diabetes	2023	Cell Biochemistry and Biophysics	Amirhossein Niknejad, Yasamin Hosseini, Hedieh Sadat Shamsnia, Ayeh Sabbagh Kashani, Fatemeh Rostamian, Saeideh Momtaz , Amir Hossein Abdolghaffari
Cinnamon Modulates Toll-Like Receptors: a New Therapeutic Approach for Diabetes	2023	Revista Brasileira de Farmacognosia	Amirhossein Niknejad, Seyed Mehrad Razavi, Yasamin Hosseini, Zahra Najafi Arab, Amir Hossein Abdolghaffari, Saeideh Momtaz
TLR/mTOR inflammatory signaling pathway: novel insight for the treatment of schizophrenia	2023	Canadian journal of physiology and pharmacology	Naser-Aldin Lashgari, Nazanin Momeni Roudsari, Hedieh Sadat Shamsnia, Maryam Shayan, Saeideh Momtaz, Amir Hossein Abdolghaffari

Juglone Mediates Inflammatory Bowel Disease Through Inhibition of TLR-4/NF KappaB Pathway in Acetic Acid-induced Colitis in Rats	2023	Anti-inflammatory & Anti-allergy Agents in Medicinal Chemistry	NA Lashgari, A Niknejad, D Khayatan, S Tavakoli, AR Abdollahi, N Esmaealzadeh, <u>S Momtaz</u> , AH Abdolghaffari
Impact of curcumin on p38 MAPK: therapeutic implications	2023	Inflammopharmacology	Hedieh Sadat Shamsnia, Mahtab Roustaei, Danial Ahmadvand, Alexandra E Butler, Dorsa Amirlou, Sanam Soltani, <u>Saeideh Momtaz</u> , Tannaz Jamialahmadi, Amir Hossein Abdolghaffari, Amirhossein Sahebkar
Therapeutic approaches for cholestatic liver diseases: the role of nitric oxide pathway	2023	Naunyn-Schmiedeberg's Archives of Pharmacology	Naser-Aldin Lashgari, Danial Khayatan, Nazanin Momeni Roudsari, <u>Saeideh Momtaz</u> , Ahmad Reza Dehpour, Amir Hossein Abdolghaffari
Pharmacological activities of turmerones	2023	Current Medicinal Chemistry	Amirhossein Niknejad, Yasamin Hosseini, SM Razavi, <u>S Momtaz</u> , T Sathyapalan, M Majeed, T Jamialahmadi, AH Abdolghaffari, A Sahebkar
Therapeutic Potentials and Candidates for COVID-19	2023	Iranian Journal of Science	Mina Rezghi Rami, Maryam Meskini, Nahid Rezaei Khozani, Shayan Forouzanmehr, <u>Saeideh Momtaz</u> , Soumya Ghosh, Nima Rezaei, Amir Hossein Abdolghaffari
Effect of styrene exposure on plasma parameters, molecular mechanisms and gene expression in rat model islet cells	2017	Environmental Toxicology and Pharmacology	Niaz K, Hassan FI, Mabqool F, Khan F, <u>Momtaz S</u> , Baeri M, Navaei-Nigjeh M, Rahimifard M, Abdollahi M.
Mycotoxin Zearalenone may increase the risk of Poly Cystic Ovarian (PCO) in Rats	2018	Toxicology	Abbasian N, <u>Momtaz S</u> , Baeri M, Navaei-Nigjeh M, Hosseini R, Abdollahi M.
Manipulation of molecular pathways and senescence hallmarks by natural compounds in fibroblast cells	2018	Journal of Molecular Biochemistry	<u>Momtaz S</u> , Baeri M, Rahimifard M, Haghi- Aminjan H, Hassani S, Abdollahi M.
Biochemical and molecular evidence on the role of vaspin in early detection of the insulin resistance in a rat model of high-fat diet and use of diazinon	2019	Toxicology	Salek-Maghsoudi A, Hassani S, <u>Momtaz S</u> , Shadboorestan A, Ganjali MR, Ghahremani MH, Hosseini R, Norouzi P, Abdollahi M.
Efficacy and safety of a standardized extract from <i>Achillea wilhelmsii</i> C. Koch in patients with ulcerative colitis: A randomized double blind placebo-controlled clinical trial	2019	Complementary Therapies in Medicine	Amiri M, Navabi J, Shokohinia Y, Heydarpour F, Bahrami G, Behbood L, Derakhshandeh P, <u>Momtaz S</u> , Farzaei MH
Curcumin increases insulin sensitivity in C2C12 muscle cells via AKT and AMPK signaling pathways	2019	Journal Cogent Food & Agriculture	Mohiti-Ardekani J, Asadi S, Ardakani AM, Rahimifard M, Baeri M, <u>Momtaz S</u> .
A Toxicological and Phytochemical Study on the Iran's <i>Ecballium elaterium</i> (L.) A. Rich.	2019	Journal of Medicinal Plants	Kianbakht S, Ziaee M, <u>Momtaz S</u> , Hajiaghvaei R. A
Beneficial Effects of <i>Trachyspermum ammi</i> (L.) Sprague on Rat Irritable Bowel Syndrome	2019	Research Journal of Pharmacognosy	Izadpanah S, Abdolghaffari AM, Farjadmam F, Eftekhari M, Baeri M, Rahimifard M, <u>Momtaz S</u> , Abdollahi M, Rahimi R, Shams Ardekani MR
Wound healing activity of the flowers of <i>Lilium candidum</i> L. in burn wound model in rats	2020	Journal of Medicinal Plant	<u>Saeideh Momtaz</u> , Mahshid Dibaj, Alireza Abdollahi, Gholamreza Amin, Roodabeh Bahramsoltani, Mohammad Abdollahi, Parvin Mahdavian, Amir Hossein Abdolghaffari

Protective effect of Citrullus colocynthis (L.) Schard. fruit extract on high glucose-induced neurotoxicity in PC-12 cells	2021	Journal of Medicinal Plants	Fallah Huseini H, Andalib S, Jasemi E, Khalighi-Sigaroodi F, Momtaz S , Mohammadi Savadoodbari R, Salehirad H, Ziaee M
Evaluation of wound healing and anti-inflammatory activities of a herbal ointment consisting of Althaea officinalis, Lavandula angustifolia, and Rosa x damascena in animal excision wound model	2021	Journal of Medicinal Plants	Momtaz S , Abdolghaffari A, Jasemi E, Yaghoobvand B, Esmaeilzadeh S, Abdollahi A, Abdollahi M.
Cinnamaldehyde targets TLR-4 and inflammatory mediators in acetic-acid induced ulcerative colitis model	2021	Biologia	Momtaz S , Navabakhsh M, Bakouee N, Dehnamaki M, Rahimifard M, Baeri M, Abdollahi A, Abdollahi M, Farzaei MH, Abdolghaffari AH
The Hydro-alcoholic Extract of Achillea wilhelmsii C. Koch Ameliorates Acetic Acid-induced Ulcerative Colitis through TLR-4	2022	Proceedings of the National Academy of Sciences, India Section B: Biological Sciences	Momtaz S , Azimian MA, Gharazi P, Dehnamaki M, Rezaei Z, Rahimifard M, Baeri M, Abdollahi AR, Abdollahi M, Farzaei MH, Abdolghaffari AH
Ameliorative effects of standardized extract of Tamarix stricta Boiss. on acetic acid-induced colitis via modulating nitregeric pathways	2022	Biologia	Ghanaatian N, Momtaz S , Bahramsoltani R, Baeri M, Abdolghaffari AH, Rahimi R.
Process optimization for green synthesis of iron nanoparticles by extract of fenugreek (Trigonella foenum-graecum L.) seeds	2022	Journal of Medicinal Plant	Ghafarzagdegan R, Yaghoobi M, Momtaz S , Ashoori N, Ghiaci Yekta M, Hajiaghazee R
Propolis add- on therapy alleviates depressive symptoms; A randomized placebo-controlled clinical trial	2022	Phytotherapy Research	Varzaghani V, Sharifi M, Hajiaghazee R, Bagheri S, Momtaz S , Tarassoli Z, Razmi A
A systematic review of the biological activities of Satureja L. species	2008	Pharmacognosy Magazine	Momtaz S , Abdollahi M.
Revising utilization of science of plant-based vaccines; reduction in utilization of conventional animal or bacterial systems but biosafety concerns	2011	Pharmacognosy Magazine	Momtaz S , Abdollahi M.
A Comprehensive Review of Biochemical and Molecular Evidences from Animal and Human Studies on the Role of Oxidative Stress in Aging: An Epiphenomenon or the Cause	2012	Asian Journal of Animal and Veterinary Advances	Momtaz S , Abdollahi M.
Biosensors and their applications in detection of organophosphorus pesticides in the environment	2016	Archives of Toxicology	Shokoufeh Hassani, Saeideh Momtaz , Faezeh Vakhshiteh, Armin Salek Maghsoudi, Mohammad Reza Ganjali, Parviz Norouzi, Mohammad Abdollahi
Molecular evidence on the protective effect of ellagic acid on phosalone-induced senescence in rat embryonic fibroblast cells	2017	Food and Chemical Toxicology	Baeri M, Momtaz S , Navaei-Nigjeh M, Niaz K, Rahimifard M, Ghasemi-Niri SF, Sanadgol N, Hodjat M, Sharifzadeh M, Abdollahi M.
Cinnamon; a promising prospect towards Alzheimer's disease	2017	Pharmacological Research	Momtaz S , Hassani S, Khan F, Ziaee M, Abdollahi M.
STAT3 targeting by polyphenols: Novel therapeutic strategy for melanoma	2017	BioFactor	Momtaz S , Niaz K, Maqbool F, Abdollahi M, Rastrelli L, Nabavi SM.

Herbal Remedies Used in Treatment of Bacterial Vaginitis: A Mini-Review	2017	IAJPS	Baery N, Amin G, Amin M, Mokaberinejad R, Montaz S , Nejad AG, Anushiravani M, Gharazi Z, Adhami S.
Epigenetic mechanisms underlying the toxic effects associated with arsenic exposure and the development of diabetes	2017	Food and Chemical Toxicology	Khan F, Montaz S , Niaz K, Hassan FI, Abdollahi M.
Endo-cannabinoids system and the toxicity of cannabinoids with a biotechnological approach	2017	EXCLI Journal	Niaz K, Khan F, Maqbool F, Momtaz S, Hassan FI, Nobakht-Haghighi N, Rahimifard M, Abdollahi M.
Comparative occurrence of diabetes in canine, feline, and few wild animals and their association with pancreatic diseases and ketoacidosis with therapeutic approach	2018	Veterinary World	Niaz K, Maqbool F, Khan F, Hassan FI, Montaz S , Abdollahi M.
Targeting ERK signaling pathway by polyphenols as novel therapeutic strategy for neurodegeneration	2018	Food and Chemical Toxicology	Farzaei MH, Tewari D, Montaz S , Argüelles S, Nabavi SM.
An update on dietary consideration in inflammatory bowel disease: anthocyanins	2018	Expert Review of Gastroenterology & Hepatology	Farzaei MH, El-Senduny FF, Montaz S , Parvizi F, Iranpanah A, Tewari D, Naseri R, Abdolghaffari AH, Rezaei N.
Effects of Alpha lipoic acid and its derivative 'andrographolide-lipoic acid-1' on ulcerative colitis: A systematic review with meta-analysis of animal studies	2018	Journal of Molecular Biochemistry	Moeinian M, Abdolghaffari AH, Nikfar S, Montaz S , Abdollahi M.
The relationship between mercury exposure and epigenetic alterations regarding human health, risk assessment and diagnostic strategies	2018	Journal of Trace Elements in Medicine and Biology	Khan F, Montaz S , Abdollahi M.
Polyphenols targeting diabetes via the AMP-activated protein kinase pathway; future approach to drug discovery	2019	Critical Reviews in Clinical Laboratory Sciences	Montaz S , Salek-Maghsoudi A, Abdolghaffari AH, Jasemi E, Rezazadeh S, Hassani S, Ziaee M, Abdollahi M, Behzad S, Nabavi SM.
Effect of resveratrol on metabolic syndrome components: A systematic review and meta-analysis	2019	Reviews in Endocrine and Metabolic Disorders	Asgary S, Karimi R, Montaz S , Naseri R, Farzaei MH.
The Protective Mechanism of Cannabidiol in Cardiac Injury: A Systematic Review of Non-Clinical Studies	2019	Current Pharmaceutical Design	Shayesteh MR, Haghi-Aminjan H, Mousavi MJ, Montaz S , Abdollahi M.
Implications of grape extract and its nanoformulated bioactive agent resveratrol against skin disorders	2019	Archives of Dermatological Research	Soleymani S, Iranpanah A, Najafi F, Belwal T, Ramola S, Abbasabadi Z, Montaz S , Farzaei MH
Molecular Mechanisms Underlying Cancer Preventive and Therapeutic Potential of Algal Polysaccharides	2019	Current Pharmaceutical Design	Sajadimajd S, Montaz S , Haratipour P, El-Senduny FF, Panah AI, Navabi J, Soheilikhah Z, Farzaei MH, Rahimi R.
Natural polyphenols for the prevention of irritable bowel syndrome: molecular mechanisms and targets; a comprehensive review	2019	DARU Journal of Pharmaceutical Sciences	Roudsari NM, Lashgari NA, Montaz S , Farzaei MH, Marques AM, Abdolghaffari AH.

Current Status of M1 and M2 Macrophages Pathway as Drug Targets for Inflammatory Bowel Disease	2020	Archivum Immunologiae et Therapiae Experimentae	Seyedizade SS, Afshari K, Bayat S, Rahmani F, Momtaz S , Rezaei N, Abdolghaffari AH.
Targeting Mammalian Target of Rapamycin: Prospects for the Treatment of Inflammatory Bowel Diseases	2020	Current Medicinal Chemistry	Lashgari NA, Roudsari NM, Momtaz S , Ghanaatian N, Kohansal P, Farzaei MH, Afshari K, Sahebkar A, Abdolghaffari AH.
Targeting ubiquitin-proteasome pathway by natural products: Novel therapeutic strategy for treatment of neurodegenerative diseases	2020	KatFrontiers in Physiology	Momtaz S , Memariani Z, El-Senduny FF, Sanadgol N, Golab F, Katebi M, Abdolghaffari AH, Farzaei MH, Abdollahi M.
Nanoformulations of herbal extracts in treatment of neurodegenerative disorders	2020	Frontiers in Bioengineering and Biotechnology	Moradi SZ, Momtaz S , Bayrami Z, Farzaei MH, Abdollahi M.
Targeting Mitogen-Activated Protein Kinases by Natural Products: A Novel Therapeutic Approach for Inflammatory Bowel Diseases	2020	Current Pharmaceutical Biotechnology	Zobeiri M, Momtaz S , Parvizi F, Tewari D, Farzaei MH, Nabavi SM.
PPAR γ : A turning point for irritable bowel syndrome treatment	2020	Life Sciences	Roudsari NM, Lashgari NA, Zandi N, Pazoki B, Momtaz S , Sahebkar A, Abdolghaffari AH.
Interventions of natural and synthetic agents in inflammatory bowel disease, modulation of nitric oxide pathways	2020	World J Gastroenterol.	Kamalian A, Asl MS, Dolatshahi M, Afshari K, Shamschiri S, Roudsari NM, Momtaz S , Rahimi R, Abdollahi M, Abdolghaffari AH.
Current overview of opioids in progression of inflammatory bowel disease; pharmacological and clinical considerations	2021	Molecular Biology Reports	Lashgari NA, Roudsari NM, Zandi N, Pazoki B, Rezaei A, Hashemi M, Momtaz S , Rahimi R, Shayan M, Dehpour AR, Abdolghaffari AH.
The involvement of JAK/STAT signaling pathway in the treatment of Parkinson's disease	2021	Journal of neuroimmunology	Lashgari NA, Roudsari NM, Momtaz S , Sathyapalan T, Abdolghaffari AH, Sahebkar A.
Transmembrane serine protease 2 and angiotensin-converting enzyme 2 anti-inflammatory receptors for COVID-19/inflammatory bowel diseases treatment	2021	World Journal of Gastroenterology	Lashgari NA, Roudsari NM, Momtaz S , Abdolghaffari AH.
Ginger and its constituents: Role in treatment of inflammatory bowel disease	2021	BioFactors	Lashgari NA, Momeni Roudsari N, Khayatan D, Shayan M, Momtaz S , Roufogalis BD, Abdolghaffari AH, Sahebkar A
Licofelone, a potent COX/5-LOX inhibitor and a novel option for treatment of neurological disorders	2021	Prostaglandins & Other Lipid Mediators	Razavi SM, Khayatan D, Arab ZN, Momtaz S , Zare K, Jafari RM, Dehpour AR, Abdolghaffari AH.
Modification of the hemodynamic and molecular features of phosphine, a potent mitochondrial toxicant in the heart, by cannabidiol	2021	Toxicology Mechanisms and Methods	Hooshangi Shayesteh MR, Haghi-Aminjan H, Baeri M, Rahimifard M, Hassani S, Gholami M, Momtaz S , Salami SA, Armandeh M, Bameri B, Samadi M.
Ginger: A complementary approach for management of cardiovascular diseases	2021	BioFactors	Roudsari NM, Lashgari NA, Momtaz S , Roufogalis B, Abdolghaffari AH, Sahebkar A

Inhibitors of the PI3K/Akt/mTOR pathway in prostate cancer chemoprevention and intervention	2021	Pharmaceutics	Roudsari NM, Lashgari NA, Momtaz S , Abaft S, Jamali F, Safaiepour P, Narimisa K, Jackson G, Bishayee A, Rezaei N, Abdolghaffari AH
Natural Formulations: Novel Viewpoint for Scleroderma Adjunct Treatment	2021	Journal of Immunology Research	Assar S, Khazaei H, Naseri M, El-Senduny F, Momtaz S , Farzaei MH, Echeverría J.
Protective effects of curcumin against traumatic brain injury	2022	Biomedicine & Pharmacotherapy	Khayatan D, Razavi SM, Arab ZN, Niknejad AH, Nouri K, Momtaz S , Gumprich E, Jamialahmadi T, Abdolghaffari AH, Barreto GE, Sahebkar A
Pediatric acute lymphoblastic leukemia management using multitargeting bioactive natural compounds: A systematic and critical review	2022	Pharmacological Research	Nabizadeh F, Momtaz S , Ghanbari-Movahed M, Qalekhani F, Mohsenpour H, Aneva IY, Bishayee A, Farzaei MH, Bishayee A.
Regulatory Mechanisms of Vanillic acid in Cardiovascular Diseases: A Review.	2022	Current Medicinal Chemistry	Lashgari NA, Roudsari NM, Momtaz S, Abdolghaffari AH, Atkin SL, Sahebkar A
Phytochemicals as Modulators of Paraoxonase-1 in Health and Diseases	2022	Antioxidants	Arab ZN, Khayatan D, Razavi SM, Zare K, Kheradkhah E, Momtaz S, Ferretti G, Bacchetti T, Sathyapalan T, Emami SA, Abdolghaffari AH
Regulatory Effects of Statins on SIRT1 and Other Sirtuins in Cardiovascular Diseases	2022	Life	Khayatan D, Razavi SM, Arab ZN, Khanahmadi M, Momtaz S, Butler AE, Montecucco F, Markina YV, Abdolghaffari AH, Sahebkar A
Natural products in the treatment of pulmonary emphysema: Therapeutic effects and mechanisms of action	2022	Phytomedicine	Jasemi SV, Khazaei H, Momtaz S, Farzaei MH, Echeverría J
Mammalian target of rapamycin; novel insight for management of inflammatory bowel diseases	2022	World Journal of Pharmacology	Lashgari NA, Roudsari NM, Momtaz S , Abdolghaffari AH
Cardiovascular complications of chronic opium consumption: A narrative review article	2019	Iranian Journal of Public Health	Ziaee M, Hajizadeh R, Khorrami A, Sepehrvand N, Momtaz S, Ghaffari S.
Pharmacological effects of gallic acid in health and disease: A mechanistic review	2018	Iranian journal of basic medical sciences	Kahkeshani N, Farzaei F, Fotouhi M, Alavi SS, Bahramsoltani R, Naseri R, Momtaz S , Abbasabadi Z, Rahimi R, Farzaei MH, Bishayee A
Targeting inflammation by flavonoids: novel therapeutic strategy for metabolic disorders	2019	International journal of molecular sciences	Farzaei MH, Singh AK, Kumar R, Croley CR, Pandey AK, Coy-Barrera E, Kumar Patra J, Das G, Kerry RG, Annunziata G, Tenore GC, Momtaz S
Phosphodiesterase inhibitors say NO to Alzheimer's disease	2019	Food and Chemical Toxicology	Nabavi SM, Talarek S, Listos J, Nabavi SF, Devi KP, de Oliveira MR, Tewari D, Argüelles S, Mehrzadi S, Hosseinzadeh A, Momtaz S D'onofrio G.
Current advances in the use of nanophytomedicine therapies for human cardiovascular diseases	2021	International journal of nanomedicine	Hesari M, Mohammadi P, Khademi F, Shackebaei D, Momtaz S , Moasefi N, Farzaei MH, Abdollahi M.

Melatonin and multiple sclerosis: From plausible neuropharmacological mechanisms of action to experimental and clinical evidence	2019	Clinical drug investigation	Yeganeh Salehpour M, Mollica A, <u>Montaz S</u> , Sanadgol N, Farzaei MH.
A narrative review of herbal preparations against RNA viruses	2021	J Contemp Med Sci	Eghbal Jasemi, <u>Saeideh Montaz</u> , Reza Ghaffarzadegan , Amir Hossein Abdolghaffari, Mohammad Abdollahi
Tyrosinase inhibition by extracts of Sideroxylon inerme L. stem bark, used in South Africa for skin lightening and its constituents	2008	Journal of Ethnopharmacology	<u>S Montaz</u> , B Mapunya, PJ Houghton, C Edgerly, A Hussein, S Naidoo, N Lall
Inhibitory activities of mushroom tyrosine and DOPA oxidation by plant extracts	2008	South African Journal of Botany	<u>Montaz S</u> , Lall N, Basson A.
Investigation of the possible biological activities of a poisonous South African plant; Hyaenanche globosa (Euphorbiaceae)	2010	Pharmacognosy Magazine	<u>Montaz S</u> , Lall N, Hussein A, Ostad SN, Abdollahi M.
Growth inhibition and induction of apoptosis in human cancerous Hela cells by Maytenus procumbens	2012	Food Chemistry and Toxicology	<u>Montaz S</u> , Hussein AA, Ostad SN, Abdollahi M, Lall N.
Extract from Ceratonia siliqua Exhibits Depigmentation Properties	2015	Phytotherapy Research	Namrita Lall, Navneet Kishore, <u>Saeideh Montaz</u> , Ahmed Hussein, Sanushka Naidoo, Mabatho Nqephe, Bridget Crampton

تالیف، ترجمہ کتاب/فصل کتاب

NO	Title	Publisher	Date
1	Pharmacology and therapeutic effects of Ganoderma Lucidum	ACECR Publisher	2019
2	Nutritional and bioactive characterization of unexplored food rich in phytonutrients	Woodhead Publishing/Elsivier	2020
3	Hepatobiliary Tumors: Immunopathology and Immunotherapy	Springer, Cham	2020
4	Dietary Fiber and Aging	Springer, Singapore	2020
5	Pomegranate bioactive compounds and health	CAB International	2021
6	Caffeine and mitochondria with a focus on the central nervous system	Mitochondrial Physiology and Vegetal Molecules	2021
7	Antioxidant genes, the insecticide diazinon, and toxicity	Elsevier	2021

8	Beneficial and detrimental effects of antioxidants in cancer	Elsevier	2022
9	An Evidence-Based Review of Medicinal Plants Cited in Canon of Medicine for Management of Inflammatory Bowel Disease	CABI	2023
10	Nanotechnology: an approach to faster diagnosis of parasitic infections	Elsevier	2024
11	Repurposing antiparasitic drugs for the treatment of other diseases	Elsevier	2024
12	Nanomedicine for parasitic helminth infections	Elsevier	2024
13	Traditional medicine and natural products as antiparasitic agents	Elsevier	2024
14	Marketed antiparasitic nanotechnology-based products and drawbacks	Elsevier	2024
15	Pathogenesis, treatments, and challenges associated with malaria and nanomedicines for antimalarial therapy	Elsevier	2024
16	Fighting parasites during the post-antibiotic era	Elsevier	2024
17	Where do we stand? Insight on patented products and those under clinical trials	Elsevier	2024

کنگره ها

NO	Subject	Organizer			Title of national and international scientific conference	Date
			City	Country		
1	The study of Cytotoxicity of Citrullus colocynthis in PC-12 Cell Line	National Network of Research and Technology of Medicinal Plants	Shiraz	Iran	The 7th Congress of Medicinal Plants	2018

2	Natural compounds modulate molecular pathways and senescence markers in vitro	National Network of Research and Technology of Medicinal Plants	Tehran	Iran	The 8th Congress of Medicinal Plants	2019
3	The hydroalcoholic extract of <i>Trachyspermum ammi</i> (L.) Sprague attenuated stress-induced IBS in animal model	National Network of Research and Technology of Medicinal Plants	Tehran	Iran	The 8th Congress of Medicinal Plants	2019
4	Cinnamaldehyde Mediates Inflammatory Cytokines in Acetic-Acid Induced Ulcerative Colitis Model	National Network of Research and Technology of Medicinal Plants	Tehran	Iran	The 10th Congress of Medicinal Plants	2022
5	Evaluation of wound healing and anti-inflammatory activities of a herbal ointment consisting of <i>Althaea officinalis</i> , <i>Lavandula angustifolia</i> , and <i>Rosa x damascena</i> in animal	National Network of Research and Technology of Medicinal Plants	Tehran	Iran	The 9th Congress of Medicinal Plants	2022
6	Therapeutic effects of herbal preparations against RNA viruses	National Network of Research and Technology of Medicinal Plants	Tehran	Iran	The 9th Congress of Medicinal Plants	2022
7	Improving extraction of fenugreek (<i>Trigonella foenum-graecum</i>) seed and investigation of the blood glucose reduction in rat animal model	National Network of Research and Technology of Medicinal Plants	Tehran	Iran	The 8th Congress of Medicinal Plants	2018

NO	Title
1	Investigating the toxicity of water cucumber (<i>Ecballium elaterium</i>) in animal and cell models
2	Investigating the protective effect of Abu Jahl watermelon (<i>Citrullus colocynthis</i>) against the toxic effects of glucose in PC-12 cell line
3	Investigating the hypoglycemic effect of hydroalcoholic extracts of 3 plant species on molecular indices and expression of genes involved in hyperglycemia (diabetes) in C2C12 muscle cells
4	Investigating the effect of caper plant. <i>Capparis spinosa</i> L on acute IBD model in albino rats
5	Preparation, optimization and characterization of fine particles containing berberine by electrospray method and investigation of its cellular effects
6	Investigating the anticoagulant effect of <i>biebersterinia multifidi</i> root extract on thrombosis induced by FeCl3 in vivo
7	Investigating the effect of acute and sub-chronic toxicity of an herbal antitussive formulation (Qaem Daro Plants Company) on rats
8	Investigating the effect of acute and sub-chronic toxicity of a herbal laxative formulation (Qaem Daro Plants Company) on rats
9	Evaluation of the analgesic effects of a herbal formulation including <i>Myrtus communis</i> , <i>Helichrysum graveolens</i> , <i>Valeriana officinalis</i> in an animal model
10	Investigating the effect of acute and sub-chronic toxicity Antitussive and expectorant herbal formulation (syrup) on rats
11	Investigating the effect of acute and sub-chronic toxicity Antitussive and expectorant herbal formulation (capsule) on rats
12	Investigating the therapeutic effect of herbal formulation of lavender, marshmallow and rose flower on the healing of shear wound and inflammation caused by formalin in rats

راهنمایی و مشاوره پایان نامه های دانشجویی

Title	Degree
بر دانه های <i>Vitex agnus- castus</i> بررسی اثرات حفاظتی عصاره هیدروالکلی برگ گیاه ulcerative colitis ماکروسکوپی، تغییرات هیستوپاتولوژیک و بیومارکرهای التهابی در مدل تجربی در موش صحرایی نر	دکتری حرفه ای داروسازی
بررسی اثرات ضدالتهابی ezetimibe در مدل کولیت القا شده با استیک اسید در مدل موش صحرایی	دکتری حرفه ای داروسازی
بررسی اثرات ماده لایکوفلون بر کولیت اولسراتیو القا شده توسط استیک اسید در موش های صحرایی نر	دکتری حرفه ای داروسازی
بررسی اثرات ضدالتهابی ژوگلون بر کولیت القا شده با استیک اسید در رت	دکتری حرفه ای داروسازی
بررسی اثرات درمانی عصاره گیاه <i>Origanum majorana</i> در مدل حیوانی کولیت القا شده توسط استیک اسید	دکتری حرفه ای داروسازی

دکتری حرفه ای داروسازی	بررسی اثرات عصاره ی گل نسترن زرد ایرانی بر کولیت القا شده توسط استیک اسید در موش صحرایی نر
دکتری حرفه ای داروسازی	بررسی اثرات ضدالتهابی کلشی سین بر کولیت القا شده با استیک اسید در رت
پزشکی عمومی	بررسی سمیت مخلوط عصاره شنبلیله، قره قاط، گزنه، خارمریم، هندودانه ابوجهل، بادرنجبویه در شرایط عادی سلول و اثر حفاظتی آن در محیط حاوی گلوکز

داوری مقالات علمی/عضو هیات تحریریه

Journal/ Projects
Journal of Medicinal Plants
Research Journal of Pharmacognosy
Daru Journal of pharmaceutical Science
Journal of Taiban University Medical Science
Pharmacological Research
Journal of Diabetes & Metabolic Disorders
Journal of Medicinal plnats and by-products
Frontries in Pharmacology
Biomedicine & Pharmacotherapy
International Journal of Biological Macromolecules
Journal of Ethnopharmacology
Pharmaceuticals
Molecules
Basic & Clinical Pharmacology & Toxicology
Logixs Journals

ثبت اختراع

No.	Activity	Place of Registration	Date of Registration	Collegues	Verification authority doer
1	Plant extracts having anti tyrosinase activity	South Africa	2010	N Lall., S Momtaz., A.A. Hussein	University of Pretoria
2	Kalahari Skin Lightening Cream	Denmark	2017	N Lall., S Momtaz., A.A. Hussein., Bridget Crampton	University of Pretoria

Patent: SA patent: "Plant extracts having anti-tyrosinase activity" (Granted on 26 May 2010 claiming priority from 15 October 2008). South African Patent No: **ZA2009/06638**. Inventors: N Lall, S. Momtaz and A.A. Hussein.

سابقه تدریس

- دوره‌های آموزشی پژوهشکده گیاهان دارویی - کاربردهای درمانی گیاهان دارویی (مقدماتی و پیشرفته)؛ ۱۳۹۵ تاکنون
- مقطع کارشناسی ارشد بیوشیمی - دانشگاه علم و فرهنگ - ۱۴۰۳-۱۴۰۴

شرکت در شوراها، کارگروه‌ها، کمیته‌ها، هیات‌ها و کمیسیون‌های رسمی

عضو کارگروه تخصصی گیاهان دارویی فرهنگستان علوم
عضو کارگروه تخصصی اخلاق کار با حیوانات آزمایشگاهی جهاد دانشگاهی
مدیر گروه فارماکولوژی و طب کاربردی پژوهشکده گیاهان دارویی جهاد دانشگاهی
عضو شورای علمی گروه فارماکولوژی و طب کاربردی پژوهشکده گیاهان دارویی جهاد دانشگاهی
عضو کارگروه تجاری سازی محصولات پژوهشکده گیاهان دارویی جهاد دانشگاهی
مسئول هماهنگی امور بین الملل پژوهشی و آموزشی پژوهشکده گیاهان دارویی جهاد دانشگاهی

سوابق استخدامی:

- دانشکده طب سنتی دانشگاه شهید بهشتی (مدیر آزمایشگاه کشت سلولی)؛ ۱۳۹۸
- همکاری در پروژه‌های تحقیقاتی مرکز مطالعات علمی و بین‌المللی وزارت علوم؛ ۱۳۹۴
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- مشاور دبیر ستاد اقتصاد دانش‌بنیان گیاهان دارویی و طب سنتی، معاونت علمی، فناوری و اقتصاد دانش‌بنیان ریاست جمهوری؛ ۱۴۰۱ - ۱۴۰۲
- دبیر کارگروه طب سنتی ایرانی جمعیت هلال احمر جمهوری اسلامی ایران ۱۴۰۳ - تا کنون

افتخارات

- پژوهشگر برتر جهاد دانشگاهی در سال ۱۴۰۲
- منتخب یک درصد دانشمند پر استناد جهان در سال ۱۴۰۲
- منتخب دو درصد دانشمند پر استناد جهان در سال ۱۴۰۳