

Curriculum Vitae



Professor

Morteza Gholi Osanloo

Place of Birth: Tonekabon, Iran Date of Birth: ۲/۳/۱۹۴۹

Department of Mining Engineering Amirkabir University of Technology (Tehran Polytechnic)

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▪ Academic background

۱- B.Sc. Degree in Geology from the University of Tehran; Iran (۱۹۷۱).

۲- B.Sc. in Geological Engineering, University of Oklahoma. Norman, USA (۱۹۷۷).

۳- M.Sc. in Geological Engineering, University of Oklahoma. Norman, USA (۱۹۷۹).

۴- Ph.D. in Geological Engineering (Major) Mining Engineering (Minor) at the University of Oklahoma "Norman; USA (۱۹۸۱).

*M.Sc. Thesis; Application of wheel front-end loader and crawler power shovel with reference to "SARCHESHMEH" copper mine in Iran

**Ph.D. Dissertation; Chemical comminution for deep and thin bituminous coal by using "carbon-dioxide + water" as a solvent

**General Exam Topic* Drive an analytical model which can describe and illustrate the vibration (motion as well as propagation) of an underground mine roof and pillar as a result of surface mining blasts. The blast location is directly above the underground mine workings; Submitted to the faculty of graduate college in partial fulfillment of the requirements for the degree of Doctor of Philosophy in the School of geological engineering Aug; University of Oklahoma. Norman; USA; ۱۹۸۰

▪ Employment and Teaching

Experience:

۱- Four Years at Sarcheshmeh Copper Mine of Iran (۱۹۷۲ - ۱۹۷۵) Iranian Supervisor of Mine Operations (last Position in Mine)

۲- Graduate Advisor of Mining Department at the University of Amirkabir (۱۹۸۴ - ۱۹۸۸)

۳- Chairman of Mining Department at the University of AmirKabir (۱۹۸۵ - ۱۹۸۹)

۴- Head of Mining Engineering M.Sc Programmer of Azad University, "South Tehran Branch (۱۹۸۵ - ۱۹۹۳)

۵- Dean of Engineering Faculty, Azad University South Tehran Branch (۱۹۸۹ - ۱۹۹۱)

۶- Head of Mining Engineering Graduate Program of Azad University Science & Research of Tehran

Campus (Ph.D. & M.S Program ۱۹۹۲ up to ۲۰۰۵)

۷- Head of Mining Engineering Ph.D Program at the University of Amirkabir-(۲۰۰۳)

۸- Coordinator of Mining Engineering Ph.D. programmer, Azad University Science & Research Campus- Tehran ۱۹۹۵ up to ۲۰۰۸.

Present Occupation:

Emeritus Professor at the University of Amirkabir, Dept. of Mining.

Teaching Activity:

۱- Open Pit Optimization Techniques (Pit limits and Planning) Ph.D. Course

۲- Mine Reclamation (Ph.D. Course)

۳- Advanced Surface Mining Methods (MSc)

۴- Advanced Blasting (M.Sc.)

۵- Advanced Drilling Methods (M. S)

۶- Advanced Open Pit Mining Methods (M. S)

۷- Open Pit Mining Methods (B. S)

۸- Surface Mining Methods (B. S)

۹- Drilling Engineering (B. S)

۱۰- Exploration Drilling (B. S)

۱۱- Exploitation Drilling (B. S)

۱۲- Coal Engineering (B. S)

۱۳- Petroleum Engineering (B. S)

۱۴- Fossil Fuels (B. S)

۱۵- Soil Mechanic (B. S)

۱۶- Special Topics ۱ (Optimization techniques in open pit mines), Ph.D. course

۱۷- Special Topics in mining (exploitation) engineering, MSc course

۱۸- Mining and Sustainable Development, Ph.D., MSc courses

Scientific Societies

۱- Society of Mining Engineering of U. S. A. (SME) (Since ۱۹۸۰)

۲- Society of Explosives Engineering of U. S. A (SEE) (Since ۱۹۸۰)

۳- Society of Petroleum Engineering of U. S. A (SPE) (Since ۱۹۷۹)

۴- Member of Editorial Board of International Journal of Engineering (IJE), National Center for Scientific Research Tehran- Iran since ۱۳۷۰ (۱۹۹۰), Website: www.ije.ir

۵- Journal of Amir Kabir, University of Amir Kabir. ۱۳۸۲ (۲۰۰۲)

۶- Member of Scientific Committee of International Conference on Computer Applications in the Minerals Industries (CAMI ۲۰۰۳), Canada

۷- Member of Scientific Committee of the international symposium on mine planning and Equipment selection (MPES)

۸- Member of Editorial Board of International Journal of Engineering Science (IJES), Iran University of science and technology (IUST), ۱۳۸۶-۱۳۸۷

۹- A member of scientific board of "Cuprum Ore Mining Scientific and Technical Magazine" since ۲۰۱۲

۱۰- A member of the editorial board of Journal of Mining, Hindawi Publishing Corporation

۱۱- Member of Editorial Board of International Journal of Surface Mining, Reclamation and Environment since ۲۰۲۰, Website: <https://www.tandfonline.com/toc/nsme/20/current>

۱۲- Member of Editorial Board of Journal of Mining and Environment, Shahrood University of Technology. Website: <http://jme.shahroodut.ac.ir/>

۱۳- Member of Editorial Board of Journal of Mining of Mineral Deposits, Website: <http://mining.in.ua/index.html>

۱۴- Co-chair of the International Symposium on Mine Planning and Equipment Selection (MPES۲۰۱۸), (MPES۲۰۱۹), (MPES۲۰۲۰)

۱۵- Member of International Center on Land Reclamation and Ecological Restoration for Mining areas at China University of Mining and Technology-Beijing from ۲۰۱۷ to ۲۰۲۰.

۱۶- Board of Trustees of the Materials and Energy Research Institute, Tehran, Iran, Website: www.merc.ac.ir/ (۱۹۸۴-۱۹۸۸)

۱۷- Member of organizing committee of International Symposium on Land Reclamation and Ecological Restoration (LRER ۲۰۲۴) at Shenyang, August ۲۳-۲۵, ۲۰۲۴.

۱۸- Member of Advisory Committee of ۹th International Conference on Operational Excellence in Mining,

Minexcellence ۲۰۲۴, at the Sheraton Hotel & Convention Center, Santiago, Chile - December ۱۱-۱۳, ۲۰۲۴.

۱۹- Member of Editorial Board of International Journal of Rock Mechanics and Mining Sciences since ۲۰۲۴,
Website: <https://www.sciencedirect.com/journal/international-journal-of-rock-mechanics-and-mining-sciences>

■ Keynote Speaker

- ۱- ۱st Copper Open Pit Mines Conference, ۲۰۰۸, Chile
- ۲- ۲nd Iranian Open Pit Mines Conference, ۲۰۰۵, Sarcheshmeh, Iran
- ۳- Society of Mining Professors, ۲۰۱۲, Wroclaw, Poland
- ۴- ۴th International Iranian Iron Ore Conference, May ۲۰۱۴, Tehran, Iran
- ۵- The first Student Conference Pathology Mining Challenges - Environmental, Iran, Miandoab. May ۲۰۱۵.
- ۶- ۲nd International Symposium on Land Reclamation and Ecological Restoration (LRER ۲۰۱۷), ۲۰-۲۳ October ۲۰۱۷, China, Xi'an
- ۷- International Symposium on Mine Planning and Equipment Selection, MPES ۲۰۱۷, Lulea, Sweden.
- ۸- International Conference on Computer Applications in the Minerals Industries (CAMI ۲۰۱۶), October ۵-۷, ۲۰۱۶, Istanbul, Turkey
- ۹- International Symposium on Environmental Issues and Waste Management in Energy and Mineral Production (SWEMP ۲۰۱۶), October ۵-۷, ۲۰۱۶, Istanbul, Turkey
- ۱۰- The First Iranian Conference of Green Mining and Mine Industries, Iran, Zanjan, December ۲۰۱۸.
- ۱۱- ۵th International Iranian Iron Ore Conference, May ۲۰۱۸, Tehran, Iran
- ۱۲- The ۲nd Iranian Conference of Green Mining and Mine Industries, Iran, Zanjan, December ۲۰۱۹.
- ۱۳- The ۳rd Iranian Conference of Green Mining and Mine Industries, Iran, Zanjan, December ۲۰۲۳.
- ۱۴- ۶th International Iranian Iron Ore Conference, January ۲۰۲۳, Tehran, Iran

■ Awards

- ۱- Selected by Birunita as number one of the top ۱۰ professors who had the most impact on the development of mines and metals (۲۰۲۶, ۵, ۵۲ <https://biroonit.ir/fullcontent/Persian/۸۸۴۵۰>).
- ۲- Selected as the second-ranked scientist worldwide in the field of Open-Pit Mining (lifetime ranking) by Scholar GPS.
- ۳- Elected Member of the Academy of Sciences, Iran, Starting from December ۱۰, ۲۰۲۵
- ۴- Selected as distinguished Professor of Mining Engineering by organizing committee MPES, CAMI, and SWEMP ۲۰۰۹ in Banff, Canada
- ۵- Recognized among the top ۲% of scientists worldwide by Stanford University's global ranking, ۲۰۱۹
- ۶- Recognized among the top ۲% of scientists worldwide by Stanford University's global ranking, ۲۰۲۰
- ۷- Recognized among the top ۲% of scientists worldwide by Stanford University's global ranking, ۲۰۲۱
- ۸- Recognized among the top ۲% of scientists worldwide by Stanford University's global ranking, ۲۰۲۲
- ۹- Recognized among the top ۲% of scientists worldwide by Stanford University's global ranking, ۲۰۲۳
- ۱۰- Recognized among the top ۲% of scientists worldwide by Stanford University's global ranking, ۲۰۲۴
- ۱۱- Recognized among the top ۲% of scientists worldwide by Stanford University's global ranking, ۲۰۲۵
- ۱۲- Book of the year:
 - ۲-۱- By Cultural Ministry:
 - ۱۳۷۶-Osanloo M., Surface Mining Methods, Planning and Design (Persian Language), Laadan Publication, Tehran ۱۹۹۴ (۱۳۷۴) ۳ Volumes ۹۵۵ P
 - ۲-۲- By University of Tehran:
 - ۱۳۸۵-Osanloo M. ۱۳۸۴ (۲۰۰۶) Surface mining methods, Vol. ۱, ۲ University of Amirkabir, ۱۰۴۰ P.
 - ۲-۳- By Cultural Ministry:
 - ۱۳۸۶-Osanloo, M ۲۰۰۷, Surface mining methods, ۲nd edition, Vol ۱, ۲, Amirkabir University of Technology, ۱۰۴۰ P
- ۱۳- Winning an Oklahoma mining and mineral resource research institute scholarship-۱۹۸۰-۱۹۸۱

▪ Books

۱. Technical Reviewer for *SME Surface Mining Handbook*, ۴rd Edition (۲۰۲۳), edited by Peter Darling.
۲. Osanloo, M., *Mine Wastes and Mining Life Cycle Assessment (MLCA)*, ۱st edition, ACECR publication, Amirkabir University of Technology Branch, ۱۴۰۲(۲۰۲۳), ISBN: ۹۷۸-۹۶۴-۲۱۰-۴۳۶-۹, ۴۰۴ P.
۳. Osanloo, M., Rahmanpour, M., *Sustainable Open Pit Mine Design: Ultimate Pit Limit and Cutoff Grade Determination*, LAP LAMBERT Academic Publishing, ۱۳۹۶(۲۰۱۷), ISBN: ۹۷۸-۶۲۰-۲۰۸۱۴۰.
۴. Osanloo, M., *Drilling Methods*, ۴th Edition, Seda Publication Co., ۱۳۹۲(۲۰۱۴), ۴۹۴ P.
۵. Osanloo, M., *Surface mining methods* (Vol. ۱, ۲), ۳rd edition (revised issue), Amirkabir University of Technology, ۱۳۸۹(۲۰۱۰), ۱۰۷۴ Pages
۶. Osanloo, M., *Cutoff grade and its role in mine design*, Published by University of Amirkabir, ۱۳۸۹(۲۰۱۰), ۱۸۲ pages
۷. Osanloo, M., *Drilling Methods*, ۳th Edition, Seda Publication Co., ۱۳۸۶(۲۰۰۷), ۴۴۰ P.
۸. Osanloo, M., *Surface mining methods* (Vol ۱, ۲), ۲nd edition, Amirkabir University of Technology, ۱۳۸۶(۲۰۰۷), ۱۰۴۰ P (Book of year, Awarded)
۹. Osanloo, M., *Drilling Methods*, ۲th Edition, Seda Publication Co., ۱۳۸۲(۲۰۰۴), ۴۶۸ P
۱۰. Osanloo, M., *Surface mining methods* (Vol. ۱, ۲), University of Amirkabir, ۱۳۸۴ (۲۰۰۶), ۱۰۴۰ P. (The Book of the year by the University of Tehran in ۲۰۰۶ (۱۳۸۵))
۱۱. Osanloo, M., *Drilling Engineering (Persian Language)*, Azad University Publication Co. (South Branch), Tehran, ۱۳۷۰ (۱۹۹۹), ۴۳۶ p
۱۲. Osanloo, M., *Mine Reclamation (Persian Language)*, University of AmirKabir (Polytechnic) Publication Co., ۱۳۸۰ (۲۰۰۱), ۲۲۲ p.
۱۳. Osanloo, M., *Coal Engineering (Persian Language)*, Naghos Publication Co., Tehran, ۱۳۷۸ (۱۹۹۸), ۳۲۰ p.
۱۴. Osanloo M., *Drilling Methods (Persian Language)*, ۱th Edition, Seda Publication Co., Tehran- Iran ۱۳۷۵ (۱۹۷۵), ۴۶۸ P.
۱۵. Osanloo, M., *Surface Mining Methods, Planning and Design (Persian Language)*, Ladan Publication, Tehran, ۱۳۷۴ (۱۹۹۴), ۹۵۵ P. (The Book of Year in ۱۳۷۶)

▪ Scientific Metrics

- ۱- Total citations ۴,۹۶۱
- ۲- h-index: ۳۹
- ۳- i۱۰-index: ۹۲

▪ Publications - Journals

- ۱- Ali Salehi, Morteza Osanloo, Sajjad Afraei, "Incorporating environmental costs into long-term open-pit mine planning for sustainable resource optimization". *Scientific Reports*, ۲۱ May ۲۰۲۶. (IS). (Q۱, IF=۳,۹, DOI: ۱۰.۱۰۳۸/س۴۱۵۹۸-۰۲۶-۵۱۳۹۶-z)
- ۲- Hossein Zarbi Holag, Morteza Osanloo, Sajjad Afraei, "Data-driven optimisation of crushing system configuration in large-scale copper mines to reduce CO۲ emissions". *International Journal of Mining, Reclamation and Environment*, Feb, ۲۶, ۲۰۲۶. (IS). <http://dx.doi.org/۱۰.۱۰۸۰/۱۷۴۸۰۹۳۰.۲۰۲۶.۲۶۳۶۶۳۶>.
- ۳- Mohammad Barbari, Morteza Osanloo, Morteza Paricheh, "Net present value comparison of different mathematical programming models for multi-element open pit mines". *International Journal of Mining, Reclamation and Environment*, ۲۰۲۵. (ISI)
- ۴- Mehrnoosh Heydari, Mortezagholi Osanloo, "Assessing the Environmental Impacts of Deep and Large-Scale Open-Pit Copper Mines: A Comprehensive Spatiotemporal Approach". *Integrated Environmental Assessment and Management (IEAM)*, ۲۰۲۴. (ISI)
- ۵- Mehrnoosh Heydari, Mortezagholi Osanloo, "A New Comprehensive Model for Integrating Environmental, Economic, and Social Performance of Deep and Large-Scale Open Pit Copper Mines". *INTERNATIONAL JOURNAL OF ENGINEERING*, ۲۰۲۴. (ISI)

- ٦- Mehrnoosh Heydari, Mortezaagholi Osanloo, "Untangling the Complex Web of Environmental, Social, and Economic Impacts in Deep and Large-Scale Open-Pit Mining Projects using a Dynamic Modeling Framework". 'JOURNAL OF RESOURCES POLICY', Volume ٩٠, In press, ٢٠٢٤. (ISI)
- ٧- Mehrnoosh Heydari, Mortezaagholi Osanloo, "A New Model for the Economic Impact Assessment of Large-Scale and Deep Open-Pit Mines", INTERNATIONAL JOURNAL OF MINING, RECLAMATION, AND ENVIRONMENT. Vol. ٢٨, Num. ١, Page ١-٢٦, August ٢٠٢٣. (ISI)
- ٨- Mehrnoosh Heydari, Mortezaagholi Osanloo, Ataş Başçetin, "Developing a new social impact assessment model for deep open-pit mines", RESOURCES POLICY, March ٢٠٢٣ Vol. ٨٢, Num. ١, Page ١٠٣٤٨٥-١٠٣٤٨٥, March ٢٠٢٣. (ISI)
- ٩- Mehrnoosh Heydari, Mortezaagholi Osanloo, "PROPOSING A DYNAMIC MINING SUSTAINABILITY ASSESSMENT METHOD (MSAM) FOR DEEP OPEN-PIT COPPER MINES", International Journal of Research in Science and Technology (IJRST), March ٢٠٢٣ Vol. ١٠, Num. ١, Page ١-٨, March ٢٠٢٣. (ISI)
- ١٠- Mahdi Hosseinpour, Mortezaagholi Osanloo, Yousef Azimi, "Evaluation of positive and negative impacts of mining on sustainable development by a semi-quantitative method", JOURNAL OF CLEANER PRODUCTION, June ٢٠٢٢ Vol. ٣٦٦, Num. ١٣٢٩٥٥, Page ١-١٥, June ٢٠٢٢. (ISI)
- ١١- Mir Sina Amirshenava, Mortezaagholi Osanloo, "Strategic planning of post-mining land uses: A semi-quantitative approach based on the SWOT analysis and IE matrix", RESOURCES POLICY, March ٢٠٢٢ Vol. ٧٦, Num. ١٠٢٥٨, Page ٠-٠, March ٢٠٢٢. (ISI)
- ١٢- Mir Sina Amirshenava, Mortezaagholi Osanloo, Akbar Esfahanipour, "Development of open-pit mine reclamation cost estimation models: A regression-based approach", International Journal of Engineering, October ٢٠٢١ Vol. ٣٤, Num. ١١, Page ٠-٠, October ٢٠٢١. (ISI)
- ١٣- Mir Sina Amirshenava, Mortezaagholi Osanloo, "Mined land suitability assessment: a semi-quantitative approach based on a new classification of post-mining land uses", International Journal of Mining, Reclamation and Environment, August ٢٠٢١ Vol. ٠, Num. ٠, Page ٠-٠, August ٢٠٢١. (ISI)
- ١٤- Ali Soltani Khaboushan, Mortezaagholi Osanloo, "Determination of an optimum interface between open pit and underground mining activities in Mazinu coal mine of Tabas power plant", Journal of Mining and Environment, August ٢٠٢٠ Vol. ٠, Num. ٠, Page ٠-٠, August ٢٠٢٠. (ISI)
- ١٥- Ahmad Hajarian, Mortezaagholi Osanloo, "A new developed model to determine waste dump site selection in open pit mines: An approach to minimize haul road construction cost", International Journal of Engineering, July ٢٠٢٠, Vol. ٣٣, Num. ٧, Page ٠-٠, July ٢٠٢٠. (ISI)
- ١٦- Ali Soltani Khaboushan, Mortezaagholi Osanloo, Akbar Esfahanipour, "Optimization of open pit to underground transition depth: An idea for reducing waste rock contamination while maximizing economic benefits", JOURNAL OF CLEANER PRODUCTION, July ٢٠٢٠ Vol. ٠, Num. ٠, Page ٠-٠, July ٢٠٢٠. (ISI)
- ١٧- Ali Soltani Khaboushan, Mortezaagholi Osanloo, "Semi-symmetrical production scheduling of an orebody for optimizing the depth of transitioning from open pit to block caving" Resources Policy, Vol. ٦٨, No. ٢٧, April ٢٠٢٠. (ISI)
- ١٨- Morteza Paricheh, Mortezaagholi Osanloo, "Concurrent open-pit mine production and in-pit crushing-conveying system planning" Engineering Optimization, Vol. ٠, October ٢٠١٩. (ISI)
- ١٩- Ali Soltani Khaboushan, Mortezaagholi Osanloo, "An Uncertainty-based Transition from Open Pit to Underground Mining" International Journal of Engineering, Vol. ٣٢, No. ٨, P.P. ١٢١٨ - ١٢٢٤, ٢٨ August ٢٠١٩. (ISI)
- ٢٠- Ali Soltani Khaboushan, Mortezaagholi Osanloo, "A Set of Classified Integer Programming (I.P.) Models for Optimum Transition from Open Pit to Underground Mining Methods" Natural Resources Research, PP. ١ - ١٧, ٢٦ August ٢٠١٩. (ISI)
- ٢١- Yousef Azimi, S.hasan Khoshrou, Mortezaagholi Osanloo, "prediction of blast induced ground vibration (BIGV) of quarry mining using hybrid genetic algorithm optimized artificial neural network" Measurement, Vol. ١٤٧, ٢٩ July ٢٠١٩. (ISI)
- ٢٢- Mir Sina Amirshenava, Mortezaagholi Osanloo, "A hybrid semi-quantitative approach for impact assessment of mining activities on sustainable development indexes" Journal of Cleaner Production, Vol. ٢١٨, P.P. ٨٢٣ - ٨٣٤, ١٠ February ٢٠١٩. (ISI)

- ۲۳- Hamidreza Nourali, Morteza Osanloo, "A new cost model for estimation of open pit copper mine capital expenditure" International Journal of Engineering, Vol. ۳۲, No. ۲, P.P. ۳۴۶ - ۳۵۳, ۰۲ February ۲۰۱۹. (ISI)
- ۲۴- Morteza Osanloo, Morteza Paricheh, "In-pit crushing and conveying technology in open-pit mining operations: a literature review and research agenda" International Journal of Mining, reclamation And Environment, Vol. -, No. ۰, PP. ۱ - ۲۸, ۱۸ January ۲۰۱۹. (ISI)
- ۲۵- Hamidreza Nourali, Morteza Osanloo, "Mining capital cost estimation using Support Vector Regression (SVR)" Resources Policy, PP. ۱ - ۱۴, ۲۲ November ۲۰۱۸. (ISI)
- ۲۶- Morteza Paricheh, Morteza Osanloo, "A simulation-based risk management approach to locating facilities in open-pit mines under price and grade uncertainties" Simulation Modelling Practice and Theory, , ۲۶ September ۲۰۱۸. (ISI)
- ۲۷- Hamidreza Nourali, Morteza Osanloo, "A regression-tree-based model for mining capital cost estimation" International Journal of Mining, reclamation And Environment, ۰۲ September ۲۰۱۸. (ISI)
- ۲۸- Mohsen Jamshidi, Morteza Osanloo, "Optimizing mine production scheduling for multiple destinations of ore blocks" Bangladesh Journal of Scientific and Industrial Research, Vol. ۵۳, No. ۲, P.P. ۹۹ - ۱۱۰, ۲۵ May ۲۰۱۸. (ISI)
- ۲۹- Mohsen Jamshidi, Morteza Osanloo, "Reliability analysis of production schedule in multi-element deposits under grade-tonnage uncertainty with multi-destination for the run of mine material" International Journal of Mining Science and Technology, PP. ۱ - ۷, ۳۰ April ۲۰۱۸. (ISI)
- ۳۰- Mir Sina Amirshenava, Morteza Osanloo, "Mine closure risk management: an integration of ۳D risk model and MCDM techniques" Journal of Cleaner Production, Vol. ۰, ۱۳ February ۲۰۱۸. (ISI)
- ۳۱- Mohsen Jamshidi, Morteza Osanloo, "Multiple Destination Influence on Production Scheduling in Multi-element Mines" International Journal of Engineering, Vol. ۳۱, No. ۱, P.P. ۱۷۳ - ۱۸۰, ۲۹ December ۲۰۱۷. (ISI)
- ۳۲- Mohsen Jamshidi, Morteza Osanloo, "UPL determination of multi-element deposits under grade uncertainty by a new BEV calculation approach" Journal of Mining and Environment, Vol. ۸, No. ۴, P.P. ۳۲۱ - ۳۳۶, ۱۸ October ۲۰۱۷. (ISI)
- ۳۳- Morteza Paricheh, Morteza Osanloo, "A simulation-based framework for estimating probable open-pit mine closure time and cost" Journal of Cleaner Production, Vol. ۱۶۷, No. ۰, P.P. ۳۳۷ - ۳۴۵, ۲۸ August ۲۰۱۷. (ISI)
- ۳۴- Mehdi Rahmanpour, Morteza Osanloo, "Application of fuzzy linear programming for short-term planning and quality control in mine complexes" Journal of The Southern African Institute of Mining And Metallurgy, Vol. ۱۱۷, PP ۱ - ۱۰, ۳۰ July ۲۰۱۷. (ISI)
- ۳۵- Morteza Paricheh, Morteza Osanloo, Mehdi Rahmanpour, "in-pit crusher location as a dynamic location problem" Journal of The Southern African Institute of Mining And Metallurgy, Vol. ۱۱۷, No. ۰, PP. ۱ - ۱۰, ۰۱ June ۲۰۱۷. (ISI)
- ۳۶- Morteza Osanloo, Mehdi Rahmanpour, "optimizing short-term production plan using a portfolio optimization model" Rem-revista Escola De Minas, Vol. ۷۰, No. ۱, P.P. ۱۰۹ - ۱۱۶, ۱۳ January ۲۰۱۷. (ISI)
- ۳۷- Morteza Paricheh, Morteza Osanloo, Mehdi Rahmanpour, "A heuristic approach for in pit crusher and conveyor system s time and location problem in large open pit mining" International Journal Of Mining, reclamation And Environment, Vol. ۰, No. ۰, P.P. ۰ - ۰, ۱۸ October ۲۰۱۶. (ISI)
- ۳۸- Mehdi Rahmanpour, Morteza Osanloo, "A decision support system for determination of a sustainable pit limit" Journal of Cleaner Production, Vol. ۰, No. ۰, PP. ۱ - ۹, ۳۰ September ۲۰۱۶. (ISI)
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