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College: Faculty of Engineering

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Education

Degree	Graduated in	Major	University
BSc	2003	Mining Engineering	Amirkabir University of Technology
MSc	2005	Mining Engineering	Shahid Bahonar University of Kerman
Ph.D	2010	Mining Engineering	Amirkabir University of Technology

Employment Information

Faculty/Department	Position/Rank	Employment Type	Cooperation Type	Grade
(not set)	(not set)	Tenure Track	Full Time	9

Papers in Conferences

1. M. Golestanifar , A. Aghajani bazzazi , S Behzania ,Application of Sulphate-Reducing Bacteria (SRB) in acid mine drainage bioremediation ,1st INTERNATIONAL CONFERENCE on MANAGING THE SOCIAL AND ENVIRONMENTAL CONSEQUENCES OF COAL MINING IN INDIA ,pp. 473-483 ,New Delhi, India ,2007.
2. A. Aghajani Bazazi ,& M. Osanloo ,APPLICATION OF AHP-TOPSIS METHOD FOR LOADING-HAULAGE EQUIPMENT SELECTION IN OPEN PIT MINES ,XXVII CONVENCION INTERNACIONAL DE MINERIA ,pp. 12-16 ,Veracruz- Mexico ,2007.
3. A Aghajani , M Osanloo , M Akbarpour ,Optimising the Loading System of Gol-e-Gohar Iron Ore Mine of Iran by Genetic Algorithm ,Iron Ore Conference ,perth, Australia ,2007.
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5. A.Aghajani Bazzazi , H.mansouri , M.A.Ebrahimi , A. Atash Panjeh ,Application of Controlled Blasting (Pre-splitting) Using Large Diameter holes in Sarcheshmeh Copper Mine ,8th International Symposium on Rock Fragmentation by Blasting ,pp. 1-11 ,Santiago, Chile ,2006.
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7. M Taheri ,& A Aghajani Bazzazi ,Reliability Analysis of Loader Equipment: A Case Study of a Galcheshmeh Travertine Quarry in Iran ,International Black Sea Mining & Tunnelling Symposium ,pp. 327-335 ,Trabzon ,2016.
8. MR Mofidi , A Aghajani Bazzazi , N Karim ,Optimization of Final Pit Limit with Regard to Effect of Commodity Price (Case Study: Se-Chahun Iron Ore Mine, Iran) ,International Black Sea Mining & Tunnelling Symposium ,pp. 319-326 ,Trabzon ,2016.
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10. عباس آقاجانی بزازی، مریم شاپوری، محمد پیشرو، کاربرد شاخص های آلودگی برای ارزیابی آلودگی فلزات سنگین در خاک های پیرامون معدن شن و ماسه هاشمک، سومین کنفرانس معدنکاری و صنایع معدنی سبز ایران، ۱ - زنجان، ۲۰۲۳، ۱۰-۱۱ .

Papers in Journals

1. ارائه مدل برنامه ریزی ریاضی عدد صحیح برای مسئله زمان بندی استخراج در معادن روباز تحت شرایط عدم قطعیت عیار و حل آن با استفاده از الگوریتم کرم شبتاب، نشریه مهندسی معدن، مجلد ۵۲، شماره صفحات ۲۴-۱۴۰۰، ۴۰.
2. Improving performance of open-pit mine production scheduling problem under grade uncertainty by hybrid algorithms, Journal of Central South University, Vol. 27, pp. 2479-2493, 2020.
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4. A comprehensive study of several meta-heuristic algorithms for open-pit mine production scheduling problem considering grade uncertainty, Journal of Mining and Environment, Vol. 11, pp. 721-736, 2020.
5. Mohammad Reza Ahmadi , & Abbas Aghajani Bazzazi, Application of meta-heuristic optimization algorithm to determine the optimal cutoff grade of open pit mines, Arabian Journal of Geosciences, Vol. 13, pp. 1-12, 2020.
6. Reza Bastami , Abbas Aghajani Bazzazi , Hadi Hamidian Shoormasti , Kaveh Ahangari, Predicting and minimizing the blasting cost in limestone mines using a combination of gene expression programming and particle swarm optimization, Archives of Mining Sciences, Vol. 65, pp. 835-850, 2020.
7. Reza Bastami , Abbas Aghajani Bazzazi , Hadi Hamidian Shoormasti , Kaveh Ahangari, Prediction of blasting cost in limestone mines using gene expression programming model and artificial neural networks, Journal of Mining and Environment, Vol. 11, pp. 281-300, 2020.
8. رضا بستامی , عباس آقاجانی بزازی , هادی حمیدیان شورمستی , کاوه آهنگری، بهینه سازی هزینه انفجار در معادن نشریه مهندسی معدن، مجلد ۱۴، شماره صفحات ۸۷-۱۳۹۸، ۹۹، ۱۴.
9. H Bakhshandeh Amnieh , M Hakimiyan Bidgoli , H Mokhtari , A Aghajani Bazzazi, Application of simulated annealing for optimization of blasting costs due to air overpressure constraints in open-pit mines, Journal of Mining and Environment, Vol. 10, pp. 903-916, 2019.
10. Mohammad Reza Ahmadi , & Abbas Aghajani Bazzazi, Cutoff grades optimization in open pit mines using meta-heuristic algorithms, Resources Policy, Vol. 60, pp. 72-82, 2019.
11. Hojatollah Khedrigaribvand et al., Sustainable rangeland management in southwest Iran: application of the AHP-TOPSIS approach in ranking livelihood alternatives, The Rangeland Journal, Vol. 40, pp. 603-614, 2018.
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13. M Esmaili , C Drebenstedt , M Abbaszadeh , A Aghajani Bazzazi, Application of PCA, SVR, and ANFIS for modeling of rock fragmentation, Arabian Journal of Geosciences, Vol. 8, No. 9, pp. 6881-6893, 2015.
14. M Esmaili , M Osanloo , F Rashidinejad , A aghajani Bazzazi, Multiple regression, ANN and ANFIS models for prediction of backbreak in the open pit blasting, Engineering with Computers, Vol. 30, No.

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16. A Aghajani Bazzazi ,& M Esmaeili,Prediction of Backbreak in Open Pit Blasting By Adaptive Neuro-Fuzzy Inference System (ANFIS) Model,Archives of Mining Sciences,Vol. 57,No. 4,pp. 865–876,2012.

17. A Nazari , MM Salarirad , A Aghajani Bazzazi,Landfill site selection by decision-making tools based on fuzzy multi-attribute decision-making method,Environmental Earth Sciences,Vol. 65,No. 6,pp. 1631–1642,2012.

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20. A. AGHAJANI BAZZAZI , M. OSANLOO , H. SOLTANMOHAMMADI,Loading-haulage equipment selection in open pit mines based on fuzzy-TOPSIS method,GOSPODARKA SUROWCAMI MINERALNYMI,pp. 87-102,2008.