Gökhan Aydın

List of Publications by Year
in descending order

36	1,972	218677	414414
papers	citations	26	32
		h-index	g-index

36	36	36	1259
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Development of Models for the Estimation of Coal-related CO2 Emissions: The Case of BRICS-T Countries. Karadeniz Fen Bilimleri Dergisi, 2020, 10, 214-229.	0.3	2
2	DoÄŸaltaÅŸ Ãœretim ve İÅŸleme Tesis AtÄ±klarÄ±nÄ±n DeÄŸerlendirilmesi. ALKÃœ Fen Bilimleri Dergisi, 2020, 2, 62-77.		0
3	Effect of abrasive type on marble cutting performance of abrasive waterjet. Arabian Journal of Geosciences, 2019, 12, 1.	1.3	31
4	Utilization of solid-cutting waste of granite as an alternative abrasive in abrasive waterjet cutting of marble. Journal of Cleaner Production, 2017, 159, 241-247.	9.3	52
5	Energy consumption modeling using artificial neural networks: The case of the world's highest consumers. Energy Sources, Part B: Economics, Planning and Policy, 2016, 11, 212-219.	3.4	115
6	Regression Models for Forecasting Global Oil Production. Petroleum Science and Technology, 2015, 33, 1822-1828.	1.5	73
7	The Application of Trend Analysis for Coal Demand Modeling. Energy Sources, Part B: Economics, Planning and Policy, 2015, 10, 183-191.	3.4	87
8	The Development and Validation of Regression Models to Predict Energy-related CO_2 Emissions in Turkey. Energy Sources, Part B: Economics, Planning and Policy, 2015, 10, 176-182.	3.4	50
9	Performance Prediction of Diamond Sawblades Using Artificial Neural Network and Regression Analysis. Arabian Journal for Science and Engineering, 2015, 40, 2003-2012.	1.1	38
10	Performance of recycling abrasives in rock cutting by abrasive water jet. Journal of Central South University, 2015, 22, 1055-1061.	3.0	54
11	Forecasting Natural Gas Production Using Various Regression Models. Petroleum Science and Technology, 2015, 33, 1486-1492.	1.5	71
12	The Modeling and Projection of Primary Energy Consumption by the Sources. Energy Sources, Part B: Economics, Planning and Policy, 2015, 10, 67-74.	3.4	112
13	Production Modeling in the Oil and Natural Gas Industry: An Application of Trend Analysis. Petroleum Science and Technology, 2014, 32, 555-564.	1.5	105
14	An investigation on the kerf width in abrasive waterjet cutting of granitic rocks. Arabian Journal of Geosciences, 2014, 7, 2923-2932.	1.3	42
15	Modeling of energy consumption based on economic and demographic factors: The case of Turkey with projections. Renewable and Sustainable Energy Reviews, 2014, 35, 382-389.	16.4	100
16	Artificial neural network and regression models for performance prediction of abrasive waterjet in rock cutting. International Journal of Advanced Manufacturing Technology, 2014, 75, 1321-1330.	3.0	61
17	The Modeling of Coal-related CO_2 Emissions and Projections into Future Planning. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2014, 36, 191-201.	2.3	66
18	Recycling of abrasives in abrasive water jet cutting with different types of granite. Arabian Journal of Geosciences, 2014, 7, 4425-4435.	1.3	34

#	Article	IF	Citations
19	Predictive modelling of noise level generated during sawing of rocks by circular diamond sawblades. Sadhana - Academy Proceedings in Engineering Sciences, 2013, 38, 491-511.	1.3	17
20	Wear Performance of Saw Blades in Processing of Granitic Rocks and Development of Models for Wear Estimation. Rock Mechanics and Rock Engineering, 2013, 46, 1559-1575.	5.4	48
21	Prediction of the Cut Depth of Granitic Rocks Machined by Abrasive Waterjet (AWJ). Rock Mechanics and Rock Engineering, 2013, 46, 1223-1235.	5.4	53
22	Development of Predictive Models for the Specific Energy of Circular Diamond Sawblades in the Sawing of Granitic Rocks. Rock Mechanics and Rock Engineering, 2013, 46, 767-783.	5.4	29
23	Investigation of the surface roughness of rocks sawn by diamond sawblades. International Journal of Rock Mechanics and Minings Sciences, 2013, 61, 171-182.	5.8	41
24	Diamond recovery from waste sawblades: A preliminary investigation. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2013, 227, 917-921.	2.4	31
25	Experimental and statistical analysis of cutting force acting on diamond sawblade in sawing of granitic rocks. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2013, 227, 286-300.	2.4	28
26	INVESTIGATION OF SIGNIFICANT CUTTING PARAMETERS AFFECTING SURFACE ROUGHNESS OF THE ROCKS SAWN BY DISC CUTTERS. , 2013, , .		0
27	Analysis and Mitigation Opportunities of Methane Emissions from the Energy Sector. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2012, 34, 967-982.	2.3	86
28	A study on the prediction of kerf angle in abrasive waterjet machining of rocks. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2012, 226, 1489-1499.	2.4	24
29	Performance of Abrasive Waterjet in Granite Cutting: Influence of the Textural Properties. Journal of Materials in Civil Engineering, 2012, 24, 944-949.	2.9	22
30	An Experimental Study on the Depth of Cut of Granite in Abrasive Waterjet Cutting. Materials and Manufacturing Processes, 2012, 27, 538-544.	4.7	85
31	Sources and mitigation of methane emissions by sectors: A critical review. Renewable Energy, 2012, 39, 40-48.	8.9	138
32	An investigation on surface roughness of granite machined by abrasive waterjet. Bulletin of Materials Science, 2011, 34, 985-992.	1.7	46
33	Mine ventilation air methane as a sustainable energy source. Renewable and Sustainable Energy Reviews, 2011, 15, 1042-1049.	16.4	165
34	ENERGY CONSUMPTION MODELING BASED ON GDP: THE CASE OF TURKEY. , 2011, , .		0
35	Evaluation of geologic storage options of CO2: Applicability, cost, storage capacity and safety. Energy Policy, 2010, 38, 5072-5080.	8.8	66
36	AŞINDIRICILI SUJETİYLE DOĞALTAŞ KESMEDE GRANİT ATIKLARININ AŞINDIRICI OLARAK DEĞERLENDİRİLMESİ. Scientific Mining Journal, 0, , 211-218.	0.4	0