

# Aerhan Tercan

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

346  
citations

687363

13  
h-index

839539

18  
g-index

22  
all docs

22  
docs citations

22  
times ranked

310  
citing authors

#	ARTICLE	IF	CITATIONS
1	The effects of land use changes on some soil properties in "Öndüğü Mountain Pass" Aşkırı, Turkey. Environmental Monitoring and Assessment, 2007, 136, 101-119.	2.7	36
2	Fuzzy Modeling for Reserve Estimation Based on Spatial Variability. Mathematical Geosciences, 2007, 39, 87-111.	0.9	27
3	Seam modeling and resource estimation in the coalfields of western Anatolia. International Journal of Coal Geology, 2013, 112, 94-106.	5.0	27
4	Multivariate geostatistical simulation of coal quality data by independent components. International Journal of Coal Geology, 2013, 112, 53-66.	5.0	26
5	Estimation of lignite reserve in the Kalburcayiri field, Kangal basin, Sivas, Turkey. International Journal of Coal Geology, 2001, 47, 91-100.	5.0	25
6	Spatial estimation of some mechanical properties of rocks by fuzzy modelling. Computers and Geotechnics, 2007, 34, 10-18.	4.7	22
7	Title is missing!. Mathematical Geosciences, 1999, 31, 155-173.	0.9	20
8	Geostatistical coal quality control in longwall mining. International Journal of Coal Geology, 2010, 81, 139-150.	5.0	20
9	Geostatistical evaluation of dimension-stone quarries. Engineering Geology, 2000, 58, 25-33.	6.3	18
10	Coal resource estimation using Gaussian copula. International Journal of Coal Geology, 2017, 175, 1-9.	5.0	18
11	Geostatistical estimation of coal quality variables by using covariance matching constrained kriging. International Journal of Coal Geology, 2013, 112, 14-25.	5.0	16
12	Optimally locating additional drill holes in three dimensions using grade and simulated annealing. Journal of the Geological Society of India, 2012, 80, 700-706.	1.1	15
13	A Study of nozzle angle in stone surface treatment with water jets. Construction and Building Materials, 2011, 25, 4271-4278.	7.2	14
14	Lignite resource estimations and seam modeling of Thar Field, Pakistan. International Journal of Coal Geology, 2015, 140, 84-96.	5.0	14
15	Use of genetic algorithm in optimally locating additional drill holes. Journal of Mining Science, 2011, 47, 62-72.	0.6	13
16	Multivariate geostatistical simulation by minimising spatial cross-correlation. Comptes Rendus - Geoscience, 2014, 346, 64-74.	1.2	9
17	Local spatial regression models: a comparative analysis on soil contamination. Stochastic Environmental Research and Risk Assessment, 2012, 26, 1013-1023.	4.0	7
18	Evaluating geo-environmental variables using a clustering based areal model. Computers and Geosciences, 2012, 43, 34-41.	4.2	7

#	ARTICLE	IF	CITATIONS
19	Constrained multiple indicator kriging using sequential quadratic programming. Computers and Geosciences, 2012, 48, 211-219.	4.2	5
20	Global Recoverable Reserve Estimation by Covariance Matching Constrained Kriging. Energy Sources Part A Recovery, Utilization, and Environmental Effects, 2004, 26, 1177-1185.	0.5	4
21	Approximate local confidence intervals under change of support. Mathematical Geosciences, 1995, 27, 149-172.	0.9	2
22	Spatial Variability of Cr <sub>2</sub> O <sub>3</sub> % in the Kizily�ksek-Yataardı� Chromite Deposit, Adana, Turkey. International Geology Review, 2001, 43, 676-682.	2.1	1