

Alireza Hajian

List of Publications by Year in descending order

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15
papers

154
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1307594

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17
times ranked

161
citing authors

#	ARTICLE	IF	CITATIONS
1	Pore Pressure Prediction and Its Relationship with Rock Strength Parameters and Weight on Bit in Carbonate Reservoirs (A Case Study, South Pars Gas Field). Arabian Journal for Science and Engineering, 2021, 46, 6939-6948.	3.0	5
2	Robust outlier detection in geo-spatial data based on LOLIMOT and KNN search. Earth Science Informatics, 2021, 14, 1065-1072.	3.2	4
3	2-D gravity inverse modelling of anticlinal structure using improved particle swarm optimization (IPSO). Arabian Journal of Geosciences, 2021, 14, 1.	1.3	2
4	Robust Earthquake Cluster Analysis Based on K-Nearest Neighbor Search. Pure and Applied Geophysics, 2020, 177, 5661-5671.	1.9	5
5	Multivariable Modified Teaching Learning Based Optimization (MM-TLBO) Algorithm for Inverse Modeling of Residual Gravity Anomaly Generated by Simple Geometric Shapes. Journal of Environmental and Engineering Geophysics, 2020, 25, 463-476.	0.5	3
6	Classification of Mt Etna (Italy) Volcanic Activity by Machine Learning Approaches. Annals of Geophysics, 2019, 61, .	1.0	8
7	Random noise attenuation by Wiener-ANFIS filtering. Journal of Applied Geophysics, 2018, 159, 453-459.	2.1	9
8	Prior Applications of Neural Networks in Geophysics. Springer Geophysics, 2018, , 71-198.	0.9	2
9	Application of Soft Computing and Intelligent Methods in Geophysics. Springer Geophysics, 2018, , .	0.9	13
10	2D inverse modeling of residual gravity anomalies from Simple geometric shapes using Modular Feed-forward Neural Network. Annals of Geophysics, 2018, 61, .	1.0	12
11	Investigation of material removal rate and surface roughness in wire electrical discharge machining process for cementation alloy steel using artificial neural network. International Journal of Advanced Manufacturing Technology, 2016, 82, 549-557.	3.0	64
12	How shadows shape our impression of rough surfaces. Journal of Applied Physics, 2014, 116, .	2.5	3
13	Depth estimation of cavities from microgravity data using a new approach: the local linear model tree (LOLIMOT). Near Surface Geophysics, 2012, 10, 221-234.	1.2	8
14	Simultaneous estimation of shape factor and depth of subsurface cavities from residual gravity anomalies using feed-forward back-propagation neural networks. Acta Geophysica, 2012, 60, 1043-1075.	2.0	11
15	ESTIMATION OF SUBSURFACE QANATS DEPTH BY MULTI LAYER PERCEPTRON NEURAL NETWORK VIA MICROGRAVITY DATA. , 2010, , 247-256.		0