Reza Rooki

List of Publications by Year
in descending order

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10 papers	241 citations	1163117 8 h-index	1372567 10 g-index
10 all docs	10 docs citations	10 times ranked	277 citing authors

#	Article	IF	Citations
1	Application of general regression neural network (GRNN) for indirect measuring pressure loss of Herschelâ€“Bulkley drilling fluids in oil drilling. Measurement: Journal of the International Measurement Confederation, 2016, 85, 184-191.	5.0	64
2	Optimal determination of rheological parameters for herschel-bulkley drilling fluids using genetic algorithms (GAs). Korea Australia Rheology Journal, 2012, 24, 163-170.	1.7	35
3	CFD Simulation of Rheological Model Effect on Cuttings Transport. Journal of Dispersion Science and Technology, 2015, 36, 402-410.	2.4	33
4	Simulation of cuttings transport with foam in deviated wellbores using computational fluid dynamics. Journal of Petroleum Exploration and Production, 2014, 4, 263-273.	2.4	29
5	Prediction of Rare Earth Elements in Neutral Alkaline Mine Drainage from Razi Coal Mine, Golestan Province, Northeast Iran, Using General Regression Neural Network. Journal of Environmental Engineering, ASCE, 2013, 139, 896-907.	1.4	24
6	Hole Cleaning Prediction in Foam Drilling Using Artificial Neural Network and Multiple Linear Regression. Geomaterials, 2014, 04, 47-53.	0.6	23
7	Estimation of Pressure Loss of Herschelâ€“Bulkley Drilling Fluids During Horizontal Annulus Using Artificial Neural Network. Journal of Dispersion Science and Technology, 2015, 36, 161-169.	2.4	16
8	Cuttings transport modeling in underbalanced oil drilling operation using radial basis neural network. Egyptian Journal of Petroleum, 2017, 26, 541-546.	2.6	11
9	Rheological studies and optimization of Herschelâ€“Bulkley parameters of an environmentally friendly drilling fluid using genetic algorithm. Rheologica Acta, 2018, 57, 693-704.	2.4	5
10	Computational study on drilling mud flow through wellbore annulus by Giesekus viscoelastic model. Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 2021, 235, 66-79.	2.5	1