Reza Rooki

List of Publications by Year
in descending order

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	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
2	Rheological studies and optimization of Herschel–Bulkley parameters of an environmentally friendly drilling fluid using genetic algorithm. Rheologica Acta, 2018, 57, 693-704.	2.4	5
3	Cuttings transport modeling in underbalanced oil drilling operation using radial basis neural network. Egyptian Journal of Petroleum, 2017, 26, 541-546.	2.6	11
4	Application of general regression neural network (GRNN) for indirect measuring pressure loss of Herschel–Bulkley drilling fluids in oil drilling. Measurement: Journal of the International Measurement Confederation, 2016, 85, 184-191.	5.0	64
5	CFD Simulation of Rheological Model Effect on Cuttings Transport. Journal of Dispersion Science and Technology, 2015, 36, 402-410.	2.4	33
6	Estimation of Pressure Loss of Herschel–Bulkley Drilling Fluids During Horizontal Annulus Using Artificial Neural Network. Journal of Dispersion Science and Technology, 2015, 36, 161-169.	2.4	16
7	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
8	Hole Cleaning Prediction in Foam Drilling Using Artificial Neural Network and Multiple Linear Regression. Geomaterials, 2014, 04, 47-53.	0.6	23
9	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
10	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