Amin Gholami

List of Publications by Year
in descending order

27 papers	558 citations	686830 13 h-index	642321 23 g-index
27 all docs	27 docs citations	27 times ranked	348 citing authors

#	Article	IF	Citations
1	Porosity prediction from pre-stack seismic data via committee machine with optimized parameters. Journal of Petroleum Science and Engineering, 2022, 210, 110067.	2.1	12
2	Estimation of the longitudinal dispersion coefficient via a fusion of optimized models. Journal of Hydroinformatics, 2022, 24, 517-534.	1.1	3
3	Estimation of shear wave velocity from post-stack seismic data through committee machine with cuckoo search optimized intelligence models. Journal of Petroleum Science and Engineering, 2020, 189, 106939.	2.1	12
4	Combining of intelligent models through committee machine for estimation of wax deposition. Journal of the Chinese Chemical Society, 2018, 65, 925-931.	0.8	10
5	Prediction of crude oil refractive index through optimized support vector regression: a competition between optimization techniques. Journal of Petroleum Exploration and Production, 2017, 7, 195-204.	1.2	14
6	Upgrading fuzzy logic by GA-PS to determine asphaltene stability in crude oil. Egyptian Journal of Petroleum, 2017, 26, 505-510.	1.2	5
7	Estimation of porosity from seismic attributes using a committee model with bat-inspired optimization algorithm. Journal of Petroleum Science and Engineering, 2017, 152, 238-249.	2.1	44
8	Oil Formation Volume Factor Determination Through a Fused Intelligence. Acta Geophysica, 2016, 64, 2510-2529.	1.0	3
9	Implementing radial basis function neural networks for prediction of saturation pressure of crude oils. Petroleum Science and Technology, 2016, 34, 454-463.	0.7	22
10	Improving the estimation accuracy of titration-based asphaltene precipitation through power-law committee machine (PLCM) model with alternating conditional expectation (ACE) and support vector regression (SVR) elements. Journal of Petroleum Exploration and Production, 2016, 6, 265-277.	1.2	11
11	NMR Parameters Determination through ACE Committee Machine with Genetic Implanted Fuzzy Logic and Genetic Implanted Neural Network. Acta Geophysica, 2015, 63, 735-760.	1.0	9
12	Oil–CO$_2$ minimum miscible pressure (MMP) determination using a stimulated smart approach. Canadian Journal of Chemical Engineering, 2015, 93, 1730-1735.	0.9	8
13	An improved support vector regression model for estimation of saturation pressure of crude oils. Fluid Phase Equilibria, 2015, 402, 124-132.	1.4	41
14	Robust method based on optimized support vector regression for modeling of asphaltene precipitation. Journal of Petroleum Science and Engineering, 2015, 135, 201-205.	2.1	18
15	Smart correlation of compositional data to saturation pressure. Journal of Natural Gas Science and Engineering, 2015, 22, 661-669.	2.1	13
16	Support vector regression based determination of shear wave velocity. Journal of Petroleum Science and Engineering, 2015, 125, 95-99.	2.1	73
17	Estimation of asphaltene precipitation from titration data: a hybrid support vector regression with harmony search. Neural Computing and Applications, 2015, 26, 789-798.	3.2	43
18	Support vector regression between PVT data and bubble point pressure. Journal of Petroleum Exploration and Production, 2015, 5, 227-231.	1.2	7

#	Article	IF	Citations
19	Smart Determination of Difference Index for Asphaltene Stability Evaluation. Journal of Dispersion Science and Technology, 2014, 35, 572-576.	1.3	17
20	Asphaltene precipitation modeling through ACE reaping of scaling equations. Science China Chemistry, 2014, 57, 1774-1780.	4.2	9
21	Oil-CO2MMP Determination in Competition of Neural Network, Support Vector Regression, and Committee Machine. Journal of Dispersion Science and Technology, 2014, 35, 564-571.	1.3	29
22	Asphaltene precipitation of titration data modeling through committee machine with stochastically optimized fuzzy logic and optimized neural network. Fluid Phase Equilibria, 2014, 364, 67-74.	1.4	35
23	Genetic optimization of neural network and fuzzy logic for oil bubble point pressure modeling. Korean Journal of Chemical Engineering, 2014, 31, 496-502.	1.2	51
24	Fuzzy Assessment of Asphaltene Stability in Crude Oils. Journal of Dispersion Science and Technology, 2014, 35, 556-563.	1.3	9
25	Renovating Scaling Equation Through Hybrid Genetic Algorithm-Pattern Search Tool for Asphaltene Precipitation Modeling. Journal of Dispersion Science and Technology, 2014, 35, 607-611.	1.3	9
26	Prediction of Crude Oil Asphaltene Precipitation Using Support Vector Regression. Journal of Dispersion Science and Technology, 2014, 35, 518-523.	1.3	24
27	How committee machine with SVR and ACE estimates bubble point pressure of crudes. Fluid Phase Equilibria, 2014, 382, 139-149.	1.4	27