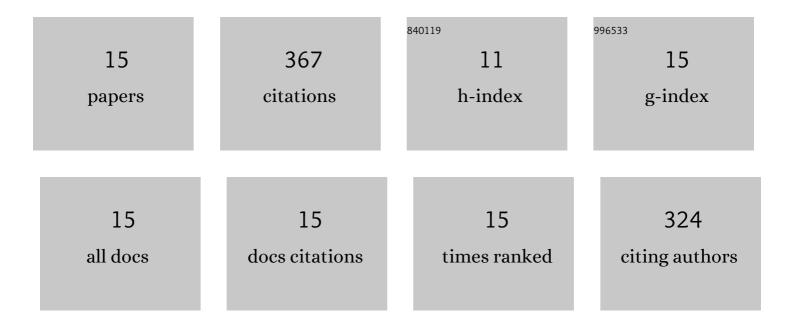
Hossein Safari

List of Publications by Year in descending order

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HOSSEIN SAFADI

#	Article	IF	CITATIONS
1	A New Approach to 3D Saturation Height Modeling by Coupling a Capillary Pressure Model with Pore Throat Size Distribution. Natural Resources Research, 2022, 31, 1045-1059.	2.2	5
2	Characterization of pore and grain size distributions in porous geological samples – An image processing workflow. Computers and Geosciences, 2021, 156, 104895.	2.0	26
3	An efficient model for estimation of gypsum (calcium sulfate di-hydrate) solubility in aqueous electrolyte solutions over wide temperature ranges. Journal of Molecular Liquids, 2019, 281, 655-670.	2.3	12
4	Solubility of hydrocarbon and non-hydrocarbon gases in aqueous electrolyte solutions: A reliable computational strategy. Fuel, 2019, 241, 1026-1035.	3.4	9
5	Prediction of oil-water relative permeability in sandstone and carbonate reservoir rocks using the CSA-LSSVM algorithm. Journal of Petroleum Science and Engineering, 2019, 173, 170-186.	2.1	24
6	Accurate density prediction for aqueous Na-K-Mg-Ca-Li-Cl-Br-SO 4 solution at high-pressure and high-temperature conditions. Journal of Molecular Liquids, 2017, 234, 209-219.	2.3	5
7	A Hybrid Intelligent Computational Scheme for Determination of Refractive Index of Crude Oil Using SARA Fraction Analysis. Canadian Journal of Chemical Engineering, 2015, 93, 1547-1555.	0.9	26
8	A computational intelligence scheme for prediction of interfacial tension between pure hydrocarbons and water. Chemical Engineering Research and Design, 2015, 95, 79-92.	2.7	16
9	On accurate determination of PVT properties in crude oil systems: Committee machine intelligent system modeling approach. Journal of the Taiwan Institute of Chemical Engineers, 2015, 55, 17-26.	2.7	61
10	Rigorous modeling of permeability impairment due to inorganic scale deposition in porous media. Journal of Petroleum Science and Engineering, 2015, 130, 26-36.	2.1	15
11	Rigorous modeling of gypsum solubility in Na–Ca–Mg–Fe–Al–H–Cl–H2O system at elevated temperatures. Neural Computing and Applications, 2014, 25, 955-965.	3.2	3
12	Prediction of the aqueous solubility of BaSO4 using pitzer ion interaction model and LSSVM algorithm. Fluid Phase Equilibria, 2014, 374, 48-62.	1.4	56
13	Thermodynamics, Kinetics, and Hydrodynamics of Mixed Salt Precipitation in Porous Media: Model Development and Parameter Estimation. Transport in Porous Media, 2014, 101, 477-505.	1.2	28
14	Assessing the Dynamic Viscosity of Na–K–Ca–Cl–H ₂ O Aqueous Solutions at High-Pressure and High-Temperature Conditions. Industrial & Engineering Chemistry Research, 2014, 53, 11488-11500.	1.8	58
15	Predicting the solubility of SrSO4 in Na–Ca–Mg–Sr–Cl–SO4–H2O system at elevated temperatures a pressures. Fluid Phase Equilibria, 2014, 374, 86-101.	and 1.4	23