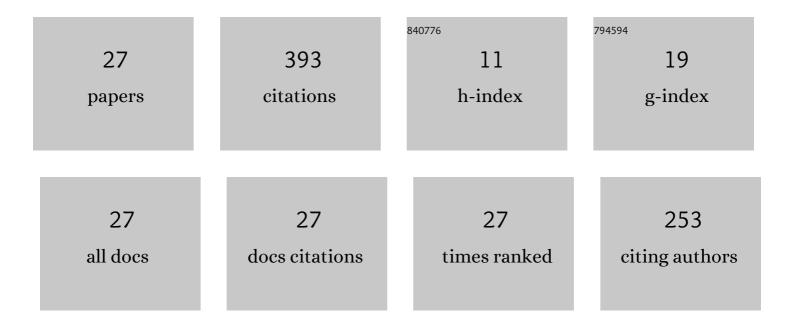
Azza Abbas

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Influence of nanoprecipitation on crystalline starch nanoparticle formed by ultrasonic assisted weak-acid hydrolysis of cassava starch and the rheology of their solutions. Chemical Engineering and Processing: Process Intensification, 2019, 142, 107556.	3.6	49
2	Ultrasonic assisted ultrafiltration process for emulsification of oil field produced water treatment. Ultrasonics Sonochemistry, 2019, 51, 214-222.	8.2	39
3	An insight into a di-chain surfactant adsorption onto sandstone minerals under different salinity-temperature conditions: Chemical EOR applications. Chemical Engineering Research and Design, 2020, 153, 657-665.	5.6	37
4	Application of polymeric nanofluid in enhancing oil recovery at reservoir condition. Journal of Petroleum Science and Engineering, 2020, 194, 107476.	4.2	37
5	Ultrasound-assisted weak-acid hydrolysis of crystalline starch nanoparticles for chemical enhanced oil recovery. International Journal of Biological Macromolecules, 2020, 148, 1251-1271.	7.5	30
6	Numerical study for continuous surfactant flooding considering adsorption in heterogeneous reservoir. Journal of King Saud University, Engineering Sciences, 2020, 32, 91-99.	2.0	25
7	Synergy of the flow behaviour and disperse phase of cellulose nanoparticles in enhancing oil recovery at reservoir condition. PLoS ONE, 2019, 14, e0220778.	2.5	23
8	Comparative study of continuous and intermittent ultrasonic ultrafiltration membrane for treatment of synthetic produced water containing emulsion. Chemical Engineering and Processing: Process Intensification, 2018, 132, 137-147.	3.6	18
9	Comparative numerical study for polymer alternating gas (PAG) flooding in high permeability condition. SN Applied Sciences, 2020, 2, 1.	2.9	15
10	Uncertainty analysis of hydrocarbon in place calculation using 3D seismic and well data during appraisal stage – Case study of Goldie Field, offshore Sarawak. Journal of Natural Gas Science and Engineering, 2018, 57, 238-265.	4.4	13
11	Effect of dynamic spreading and the disperse phase of crystalline starch nanoparticles in enhancing oil recovery at reservoir condition of a typical sarawak oil field. Applied Nanoscience (Switzerland), 2020, 10, 263-279.	3.1	13
12	Micelle Formation of Aerosol-OT Surfactants in Sea Water Salinity. Arabian Journal for Science and Engineering, 2018, 43, 2515-2519.	3.0	12
13	Modelling of continuous surfactant flooding application for marginal oilfields: a case study of Bentiu reservoir. Journal of Petroleum Exploration and Production, 2021, 11, 989-1006.	2.4	12
14	Utilizing Ultrasonic Waves in the Investigation of Contact Stresses, Areas, and Embedment of Spheres in Manufactured Materials Replicating Proppants and Brittle Rocks. Arabian Journal for Science and Engineering, 2022, 47, 11635-11650.	3.0	12
15	Comparative study of natural chemical for enhanced oil recovery: Focus on extraction and adsorption at quartz sand surface. Petroleum, 2023, 9, 83-93.	2.8	10
16	Toward Reducing Surfactant Adsorption on Clay Minerals by Lignin for Enhanced Oil Recovery Application. ACS Omega, 2021, 6, 18651-18662.	3.5	9
17	Influence of Ultrasonic on the Flow Behavior and Disperse Phase of Cellulose Nano-particles at Fluid–Fluid Interface. Natural Resources Research, 2020, 29, 1427-1446.	4.7	7
18	Study of Sulfosuccinate and Extended Sulfated Sodium Surfactants on the Malaysian Crude/Water Properties for ASP Application in Limestone. Arabian Journal for Science and Engineering, 2021, 46, 6915-6924.	3.0	6

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#	Article	IF	CITATIONS
19	Lignin As a Potential Additive For Minimizing Surfactant Adsorption On Clay Minerals In Different Electrolyte Concentration. , 2019, , .		5
20	Assessment of Pilot Water Shut Off in High Water Production Wells: Case Study in Sudan. International Journal of Petrochemical Science & Engineering, 2017, 2, .	0.2	4
21	A Systematic Study to Assess Displacement Performance of a Naturally-Derived Surfactant in Flow Porous Systems. Energies, 2021, 14, 8310.	3.1	4
22	Impact of Geological Interpretation on Reservoir 3D Static Model: Workflow, Methodology Approach and Delivery Process. , 2019, , .		3
23	Aerosol-OT Micellization Study Under Oil Reservoir Condition. Advanced Science Letters, 2018, 24, 3873-3876.	0.2	3
24	Cyclic Steam Stimulation Effect on Skin Factor Reviewed Case Study. Applied Mechanics and Materials, 0, 818, 287-290.	0.2	2
25	Adsorption of Aerosol-OT on Clay Minerals at High Sodium Salt Concentration. Advanced Science Letters, 2018, 24, 4372-4376.	0.2	2
26	Lignin adsorption in sandpacks during horizontal flow using UV–Vis spectrometry as a quantification tool. Arabian Journal of Geosciences, 2022, 15, 1.	1.3	2
27	Transient pressure analysis for vertical oil exploration wells: a case of Moga field. Journal of Petroleum Exploration and Production, 2018, 8, 521-529.	2.4	1