

# Adedapo Noah Awolayo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8117248/publications.pdf>

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14  
papers

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citations

1307366

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1588896

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14  
docs citations

14  
times ranked

275  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Laboratory Study of Ionic Effect of Smart Water for Enhancing Oil Recovery in Carbonate Reservoirs. , 2014, , .		81
2	An Experimental Investigation into the Impact of Sulfate Ions in Smart Water to Improve Oil Recovery in Carbonate Reservoirs. Transport in Porous Media, 2016, 111, 649-668.	1.2	79
3	Brine-Dependent Recovery Processes in Carbonate and Sandstone Petroleum Reservoirs: Review of Laboratory-Field Studies, Interfacial Mechanisms and Modeling Attempts. Energies, 2018, 11, 3020.	1.6	79
4	Modeling the characteristic thermodynamic interplay between potential determining ions during brine-dependent recovery process in carbonate rocks. Fuel, 2018, 224, 701-717.	3.4	40
5	Large scale modeling and assessment of the feasibility of CO2 storage onshore Abu Dhabi. Energy, 2019, 185, 653-670.	4.5	32
6	Alkalinity Generation Constraints on Basalt Carbonation for Carbon Dioxide Removal at the Gigaton-per-Year Scale. Environmental Science & Technology, 2021, 55, 11906-11915.	4.6	21
7	A cohesive approach at estimating water saturation in a low-resistivity pay carbonate reservoir and its validation. Journal of Petroleum Exploration and Production, 2017, 7, 637-657.	1.2	14
8	Thermodynamic Modeling of Brine Dilution-Dependent Recovery in Carbonate Rocks with Different Mineralogical Content. Energy & Fuels, 2018, 32, 8921-8943.	2.5	11
9	Evaluation of Water Saturation in a Low-Resistivity Pay Carbonate Reservoir Onshore Abu Dhabi: An Integrated Approach. , 2015, , .		9
10	Numerical Modeling of Fluid-Rock Interactions During Low-Salinity-Brine-CO2 Flooding in Carbonate Reservoirs. , 2019, , .		5
11	An Analytical Solution to Interpret Active Ion Transport During Chemicallyâ€Tuned Waterflooding Process in Highâ€Temperature Carbonate Rocks. Canadian Journal of Chemical Engineering, 2019, 97, 310-322.	0.9	4
12	A Geochemical Model for Investigation of Wettability Alteration during Brine-Dependent Flooding in Carbonate Reservoirs. , 2017, , .		3
13	Geochemical Modeling of the Interplay Between Potential Determining Ions During Brine-Dependent Recovery in Carbonate Rocks. , 2017, , .		2
14	An Experimental Study of Smart Waterflooding on Fractured Carbonate Reservoirs. , 2014, , .		1