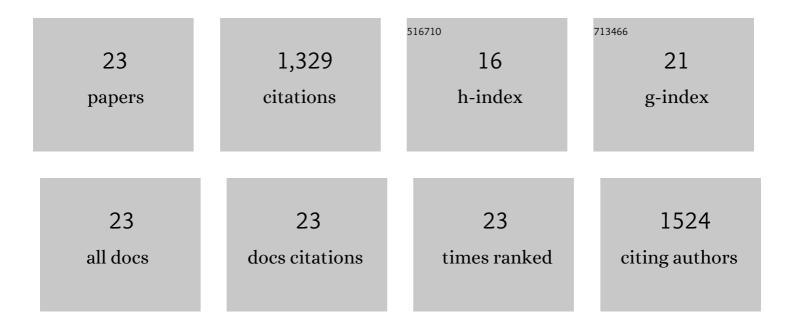
## Chikezie Nwaoha

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Gas-to-liquids (GTL): A review of an industry offering several routes for monetizing natural gas. Journal of Natural Gas Science and Engineering, 2012, 9, 196-208.	4.4	334
2	Carbon dioxide (CO2) capture: Absorption-desorption capabilities of 2-amino-2-methyl-1-propanol (AMP), piperazine (PZ) and monoethanolamine (MEA) tri-solvent blends. Journal of Natural Gas Science and Engineering, 2016, 33, 742-750.	4.4	122
3	Recent advances in corrosion protective composite coatings based on conducting polymers and natural resource derived polymers. Progress in Organic Coatings, 2014, 77, 743-756.	3.9	105
4	A review on solar energy utilisation in Australia. Renewable and Sustainable Energy Reviews, 2013, 18, 1-5.	16.4	101
5	Heat duty, heat of absorption, sensible heat and heat of vaporization of 2–Amino–2–Methyl–1–Propanol (AMP), Piperazine (PZ) and Monoethanolamine (MEA) tri–solvent blend for carbon dioxide (CO2) capture. Chemical Engineering Science, 2017, 170, 26-35.	3.8	96
6	Carbon dioxide (CO2) capture performance of aqueous tri-solvent blends containing 2-amino-2-methyl-1-propanol (AMP) and methyldiethanolamine (MDEA) promoted by diethylenetriamine (DETA). International Journal of Greenhouse Gas Control, 2016, 53, 292-304.	4.6	88
7	A review of Australia's natural gas resources and their exploitation. Journal of Natural Gas Science and Engineering, 2013, 10, 68-88.	4.4	70
8	Advancement and new perspectives of using formulated reactive amine blends for post-combustion carbon dioxide (CO2) capture technologies. Petroleum, 2017, 3, 10-36.	2.8	66
9	Absorption heat, solubility, absorption and desorption rates, cyclic capacity, heat duty, and absorption kinetic modeling of AMP–DETA blend for post–combustion CO2 capture. Separation and Purification Technology, 2018, 194, 89-95.	7.9	61
10	Techno-economic analysis of CO2 capture from a 1.2 million MTPA cement plant using AMP-PZ-MEA blend. International Journal of Greenhouse Gas Control, 2018, 78, 400-412.	4.6	59
11	A review of the utilization and monetization of Nigeria's natural gas resources: Current realities. Journal of Natural Gas Science and Engineering, 2014, 18, 412-432.	4.4	40
12	A comparative study of novel activated AMP using 1,5-diamino-2-methylpentane vs MEA solution for CO2 capture from gas-fired power plant. Fuel, 2018, 234, 1089-1098.	6.4	34
13	Process simulation and parametric sensitivity study of CO2 capture from 115†MW coal–fired power plant using MEA–DEA blend. International Journal of Greenhouse Gas Control, 2018, 76, 1-11.	4.6	26
14	An overview of renewable energy potential and utilisation inAustralia. Renewable and Sustainable Energy Reviews, 2013, 21, 582-589.	16.4	21
15	Carbon dioxide capture from pulp mill using 2-amino-2-methyl-1-propanol and monoethanolamine blend: Techno-economic assessment of advanced process configuration. Applied Energy, 2019, 250, 1202-1216.	10.1	21
16	Process simulation, parametric sensitivity analysis and ANFIS modeling of CO2 capture from natural gas using aqueous MDEA–PZ blend solution. Journal of Environmental Chemical Engineering, 2017, 5, 5588-5598.	6.7	20
17	CO2 capture from lime kiln using AMP-DA2MP amine solvent blend: A pilot plant study. Journal of Environmental Chemical Engineering, 2018, 6, 7102-7110.	6.7	19
18	Regeneration Energy Analysis of Aqueous Tri–Solvent Blends Containing 2–Amino–2–Methyl–1–Propanol (AMP), Methyldiethanolamine (MDEA) and Diethylenetriamine (DETA) for Carbon Dioxide (CO2) Capture. Energy Procedia, 2017, 114, 2039-2046.	1.8	17

## Chikezie Nwaoha

#	Article	IF	CITATIONS
19	CO2 capture from water-gas shift process plant: Comparative bench-scale pilot plant investigation of MDEA-PZ blend vs novel MDEA activated by 1,5-diamino-2-methylpentane. International Journal of Greenhouse Gas Control, 2019, 82, 218-228.	4.6	14
20	Carbon Dioxide (CO2) Solubility in Diethylenetriamine and 2-Amino-2-Methyl-1-Proponal (DETA–AMP) Solvent System for Amine–Based CO2 Capture in Flue Gas from Coal Combustion. Energy Procedia, 2017, 114, 1973-1979.	1.8	7
21	Controlling Fugitive Emissions in Nigeria's Oil and Gas Industry: Proper Sealing Device Selection a Panacea. , 2010, , .		4
22	Monetizing Stranded Reserves: The Role of Floating LNG. , 2011, , .		2
23	Review of Wind Energy Utilization in Australia. Journal of Sustainable Energy Engineering, 2013, 1, 54-61.	0.3	2