

# Ayodeji Ayoola

## List of Publications by Year in descending order

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21  
papers

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citations

1163117

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h-index

1058476

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g-index

22  
all docs

22  
docs citations

22  
times ranked

163  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gasific: A Python Tool for Biomass Gasification Process. Green Energy and Technology, 2022, , 335-353.	0.6	0
2	Combating A36 mild steel corrosion in 1 M H <sub>2</sub> SO <sub>4</sub> medium using watermelon seed oil inhibitor. AIMS Materials Science, 2021, 8, 130-143.	1.4	5
3	The use of Waste Duck Eggshells for Sustainable Energy Production. IOP Conference Series: Earth and Environmental Science, 2021, 655, 012051.	0.3	0
4	A Simplified Design for Biodiesel Production. IOP Conference Series: Materials Science and Engineering, 2021, 1107, 012148.	0.6	0
5	Thermodynamic and Adsorption Influence on the Corrosion Inhibitive Performance of Pawpaw Seed on A36 Mild Steel in 1M H <sub>2</sub> SO <sub>4</sub> Medium. Journal of Bio- and Tribo-Corrosion, 2021, 7, 1.	2.6	5
6	Effect of Silicon Inclusion Carbonaceous Composite Particulate on the Thermal-Ageing Characteristics and Mechanical Performance of Low Carbon Steel. Silicon, 2020, 12, 1231-1236.	3.3	2
7	Response surface methodology and artificial neural network analysis of crude palm kernel oil biodiesel production. Chemical Data Collections, 2020, 28, 100478.	2.3	28
8	Inhibitive Corrosion Performance of the Eco-Friendly Aloe Vera in Acidic Media of Mild and Stainless Steels. Journal of Bio- and Tribo-Corrosion, 2020, 6, 1.	2.6	10
9	Data on artificial neural network and response surface methodology analysis of biodiesel production. Data in Brief, 2020, 31, 105726.	1.0	3
10	Anticorrosion properties and thin film composite deposition of Zn-SiC-Cr <sub>3</sub> C <sub>2</sub> coating on mild steel. Defence Technology, 2019, 15, 106-110.	4.2	11
11	Impact assessment of biodiesel production using CaO catalyst obtained from two different sources. Cogent Engineering, 2019, 6, .	2.2	10
12	Data on calcium oxide and cow bone catalysts used for soybean biodiesel production. Data in Brief, 2018, 18, 512-517.	1.0	30
13	High temperature thermal treatment of Zn-10Nb <sub>2</sub> O <sub>5</sub> -10SiO <sub>2</sub> crystal coatings on mild steel. Cogent Engineering, 2018, 5, 1540026.	2.2	4
14	Anti-corrosion activities of apen-class inhibitive drug on aluminium alloy in simulated chloride environment. AIP Conference Proceedings, 2018, , .	0.4	0
15	Data on inhibitive performance of chloraphenicol drug on A315 mild steel in acidic medium. Data in Brief, 2018, 19, 804-809.	1.0	32
16	Data on CaO and eggshell catalysts used for biodiesel production. Data in Brief, 2018, 19, 1466-1473.	1.0	51
17	Data on PKO biodiesel production using CaO catalyst from Turkey bones. Data in Brief, 2018, 19, 789-797.	1.0	10
18	Inhibitive characteristics of cetylpyridinium chloride and potassium chromate addition on type A513 mild steel in acid/chloride media. Cogent Engineering, 2017, 4, 1318736.	2.2	11

#	ARTICLE	IF	CITATIONS
19	Study of Particle Incorporation and Performance Characteristic of Aluminium Silicate-Zirconia Embedded on Zinc Rich Coatings for Corrosion and Wear Performance. Asian Journal of Chemistry, 2017, 29, 2575-2581.	0.3	9
20	Experimental studies and influence of process factor on zinc-nickel based coating on mild steel. Advances in Materials and Processing Technologies, 0, , 1-10.	1.4	1
21	Estimation of critical fluxes, thermal stabilities and failure criteria of cellulose-based membranes and modelling of salt diffusivity during pervaporative desalination. Nanotechnology for Environmental Engineering, 0, , 1.	3.3	0