

# Chidi Duru

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

165  
citations

1307594  
7  
h-index

1281871  
11  
g-index

18  
all docs

18  
docs citations

18  
times ranked

99  
citing authors

#	ARTICLE	IF	CITATIONS
1	Human health risk assessment of the levels of dioxin-like polychlorinated biphenyls (PCBs) in soils from mechanic workshops within Nekede mechanic village, Imo State, Nigeria. International Journal of Environmental Analytical Chemistry, 2023, 103, 7686-7696.	3.3	7
2	In silico binding affinity studies of microbial enzymatic degradation of plastics. Journal of Hazardous Materials Advances, 2022, 6, 100076.	3.0	7
3	Assessment of Heavy Metals in Soils from Reclaimed Section of Nekede Mechanic Village, Owerri, Southeastern, Nigeria. Chemistry Africa, 2021, 4, 429.	2.4	9
4	Phosphate ions removal from aqueous phase by batch adsorption on activated (activation before) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Chemistry, 2021, 4, 100136.	5.6	11
5	Ecological risk assessment of the levels of polycyclic aromatic hydrocarbons in soils of the abandoned sections of Orji Mechanic Village, Owerri, Imo State, Nigeria. Bulletin of the National Research Centre, 2021, 45, .	1.8	11
6	In silico identification of compounds from Nigella sativa seed oil as potential inhibitors of SARS-CoV-2 targets. Bulletin of the National Research Centre, 2021, 45, 57.	1.8	23
7	Computational Modeling of the Activity of Metronidazole against EhG1±1 of Entamoeba histolytica Enhanced by its Copper and Zinc Complexes. Chemistry Africa, 2021, 4, 545-551.	2.4	3
8	Blocking the interactions between human ACE2 and coronavirus spike glycoprotein by selected drugs: a computational perspective. Environmental Analysis, Health and Toxicology, 2021, 36, e2021010.	1.8	4
9	In silico binding affinity analysis of microplastic compounds on PET hydrolase enzyme target of Ideonella sakaiensis. Bulletin of the National Research Centre, 2021, 45, .	1.8	14
10	Phytochemical evaluation and health risk assessment of honey from an Apiary in Amizi, Ikuano local government area, Abia State, Nigeria. Scientific African, 2021, 13, e00885.	1.5	3
11	Mineral and phytochemical evaluation of Zea mays husk. Scientific African, 2020, 7, e00224.	1.5	9
12	Statistical analysis of atmospheric pollutant concentrations in parts of Imo State, Southeastern Nigeria. Scientific African, 2020, 7, e00237.	1.5	24
13	Molecular modeling and density functional theory calculation of the coordination behavior of 4,5-Dichloroimidazole with Cu(II) ion. Scientific African, 2020, 9, e00533.	1.5	5
14	Mobility of aluminum and mineral elements between aluminum foil and bean cake (Moimoi) mediated by pH and salinity during cooking. SN Applied Sciences, 2020, 2, 1.	2.9	3
15	Computational investigation of sugar fermentation inhibition by bergenin at the pyruvate decarboxylase isoenzyme 1 target of <em>Scharomyces cervisiae</em>. Journal of Medicinal Plants Studies, 2020, 8, 21-25.	0.4	9
16	Physicochemical Assessment of Borehole Water in a Reclaimed Section of Nekede Mechanic Village, Imo State, Nigeria. Chemistry Africa, 2019, 2, 689-698.	2.4	14
17	Assessment and Modeling of Heavy Metal Pollution of Soil within Reclaimed Auto Repair Workshops in Orji, Imo State Nigeria. Chemistry Journal of Moldova, 2019, 14, 54-60.	0.6	6
18	Virtual Screening of Selected Natural Products as Human Tyrosinase-Related Protein 1 Blockers. Journal of the Nigerian Society of Physical Sciences, 0, , .	0.0	3