

Paul N Diagboya

List of Publications by Year in descending order

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38
papers

1,651
citations

331670
21
h-index

315739
38
g-index

38
all docs

38
docs citations

38
times ranked

1648
citing authors

#	ARTICLE	IF	CITATIONS
1	Empirical aspects of an emerging agricultural pesticide contaminant retention on two sub-Saharan soils. <i>Gondwana Research</i> , 2022, 105, 311-319.	6.0	8
2	Comparative empirical evaluation of the aqueous adsorptive sequestration potential of low-cost feldspar-biochar composites for ivermectin. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 634, 127930.	4.7	10
3	Utilizing eco-friendly kaolinite-biochar composite adsorbent for removal of ivermectin in aqueous media. <i>Journal of Environmental Management</i> , 2021, 279, 111619.	7.8	42
4	Polyamidoamine-Functionalized Graphene Oxide/SBA-15 Mesoporous Composite: Adsorbent for Aqueous Arsenite, Cadmium, Ciprofloxacin, Ivermectin, and Tetracycline. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 3957-3968.	3.7	39
5	Empirical Assessment and Reusability of an Eco-Friendly Amine-Functionalized SBA-15 Adsorbent for Aqueous Ivermectin. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 2365-2373.	3.7	19
6	Assessment of the effects of soil organic matter and iron oxides on the individual sorption of two polycyclic aromatic hydrocarbons. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	2.7	11
7	Mesoporous SBA-15 Functionalized with G-5 Poly(amidoamine): A Sustainable Adsorbent for Effective Sequestration of an Emerging Aqueous Contaminant. <i>ACS Applied Nano Materials</i> , 2021, 4, 3052-3061.	5.0	15
8	Metals and Antibiotics as Aqueous Sequestration Targets for Magnetic Polyamidoamine-Grafted SBA-15. <i>Langmuir</i> , 2021, 37, 9764-9773.	3.5	22
9	Potential of valorized <i>Moringa oleifera</i> seed waste modified with activated carbon for toxic metals decontamination in conventional water treatment. <i>Bioresource Technology Reports</i> , 2021, 16, 100881.	2.7	9
10	Clay-carbonaceous material composites: Towards a new class of functional adsorbents for water treatment. <i>Surfaces and Interfaces</i> , 2020, 19, 100506.	3.0	25
11	Application of eco-friendly multifunctional porous graphene oxide for adsorptive sequestration of chromium in aqueous solution. <i>Water Environment Research</i> , 2020, 92, 1070-1079.	2.7	30
12	Comparative study of the photocatalytic degradation of 2-chlorophenol under UV irradiation using pristine and Ag-doped species of TiO ₂ , ZnO and ZnS photocatalysts. <i>Journal of Environmental Management</i> , 2020, 260, 110145.	7.8	93
13	Covalently bonded polyamidoamine functionalized silica used as a Pb(II) scavenger from aqueous solution. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103214.	6.7	20
14	Synthesis of amine and thiol dual functionalized graphene oxide for aqueous sequestration of lead. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103461.	6.7	40
15	GC-MS fragmentation patterns of sprayed endosulfan and its sulphate metabolite in samples of <i>Theobroma cacao</i> L from a field kinetic study. <i>European Journal of Mass Spectrometry</i> , 2019, 25, 362-371.	1.0	5
16	Magnetic valorization of biomass and biochar of a typical plant nuisance for toxic metals contaminated water treatment. <i>Journal of Cleaner Production</i> , 2019, 209, 1016-1024.	9.3	67
17	Layered double hydroxide of cobalt-zinc-aluminium intercalated with carbonate ion: preparation and Pb(II) ion removal capacity. <i>International Journal of Environmental Studies</i> , 2019, 76, 251-265.	1.6	16
18	Scavenging of aqueous toxic organic and inorganic cations using novel facile magneto-carbon black-clay composite adsorbent. <i>Journal of Cleaner Production</i> , 2018, 180, 71-80.	9.3	54

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19	Dynamics of mercury solid phase extraction using <i>Barbula lambarenensis</i> . <i>Environmental Technology and Innovation</i> , 2018, 9, 275-284.	6.1	19
20	Silica-based mesoporous materials; emerging designer adsorbents for aqueous pollutants removal and water treatment. <i>Microporous and Mesoporous Materials</i> , 2018, 266, 252-267.	4.4	197
21	Spatiotemporal distributions of polycyclic aromatic hydrocarbons close to a typical medical waste incinerator. <i>Environmental Science and Pollution Research</i> , 2018, 25, 274-282.	5.3	17
22	Fractal-like concepts for evaluation of toxic metals adsorption efficiency of feldspar-biomass composites. <i>Journal of Cleaner Production</i> , 2018, 171, 884-891.	9.3	43
23	Concentration-dependent and simultaneous sorption and desorption of pyrene and fluorene on major soil minerals in sub-Saharan Africa. <i>Applied Clay Science</i> , 2018, 153, 257-264.	5.2	15
24	Adsorptive removal of 2,4,6-trichlorophenol in aqueous solution using calcined kaolinite-biomass composites. <i>Journal of Environmental Management</i> , 2017, 192, 94-99.	7.8	70
25	Competitive biosorption of Pb(II) and Cd(II) ions from aqueous solutions using chemically modified moss biomass (<i>Barbula lambarenensis</i>). <i>Environmental Earth Sciences</i> , 2017, 76, 1.	2.7	53
26	Periodic characterization of alkyl-naphthalenes in stack gas and ambient air around a medical waste incinerator. <i>Environmental Science and Pollution Research</i> , 2017, 24, 21770-21777.	5.3	9
27	Immobilization of toxic metal cations on goethite-amended soils: a remediation strategy. <i>Journal of Applied Sciences and Environmental Management</i> , 2016, 20, 436-443.	0.1	2
28	Sorption behaviour of pentachlorophenol in sub-Saharan tropical soils: soil types sorption dynamics. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	21
29	Distribution and interactions of pentachlorophenol in soils: The roles of soil iron oxides and organic matter. <i>Journal of Contaminant Hydrology</i> , 2016, 191, 99-106.	3.3	39
30	Calcined biomass-modified bentonite clay for removal of aqueous metal ions. <i>Journal of Environmental Chemical Engineering</i> , 2016, 4, 1376-1382.	6.7	63
31	Effects of time, soil organic matter, and iron oxides on the relative retention and redistribution of lead, cadmium, and copper on soils. <i>Environmental Science and Pollution Research</i> , 2015, 22, 10331-10339.	5.3	64
32	Synthesis of covalently bonded graphene oxide-iron magnetic nanoparticles and the kinetics of mercury removal. <i>RSC Advances</i> , 2015, 5, 2536-2542.	3.6	99
33	Sorption and desorption of fluorene on five tropical soils from different climes. <i>Geoderma</i> , 2015, 239-240, 179-185.	5.1	37
34	Evaluation of pyrene sorption-desorption on tropical soils. <i>Journal of Environmental Management</i> , 2014, 137, 1-9.	7.8	111
35	Microscale scavenging of pentachlorophenol in water using amine and tripolyphosphate-grafted SBA-15 silica: Batch and modeling studies. <i>Journal of Environmental Management</i> , 2014, 146, 42-49.	7.8	66
36	Mechanism of dialkyl phthalates removal from aqueous solution using β -cyclodextrin and starch based polyurethane polymer adsorbents. <i>Carbohydrate Polymers</i> , 2014, 114, 440-449.	10.2	68

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37	Graphene oxide–tripolyphosphate hybrid used as a potent sorbent for cationic dyes. Carbon, 2014, 79, 174-182.	10.3	77
38	Mechanism of Pb ²⁺ removal from aqueous solution using a nonliving moss biomass. Chemical Engineering Journal, 2012, 195-196, 270-275.	12.7	56