

Adeniyi Ogunlaja

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8368168/adeniyi-ogunlaja-publications-by-year.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

62

papers

540

citations

13

h-index

20

g-index

65

ext. papers

665

ext. citations

3.1

avg. IF

4.22

L-index

#	Paper	IF	Citations
62	Atmospheric CO ₂ mediated formation of Ag ₂ O-Ag ₂ CO ₃ /g-C ₃ N ₄ (p-n/n-n dual heterojunctions) with enhanced photoreduction of hexavalent chromium and nitrophenols. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022 , 427, 113800	4.7	2
61	Synthesis and anticancer evaluation of copper(II)- and manganese(II)- theophylline mixed ligand complexes. <i>Polyhedron</i> , 2022 , 214, 115649	2.7	1
60	A zinc-based coordination polymer as adsorbent for removal of trichlorophenol from aqueous solution: Synthesis, sorption and DFT studies. <i>Journal of Molecular Structure</i> , 2022 , 1247, 131274	3.4	2
59	Effect of Adding Chelating Ligands on the Catalytic Performance of Rh-Promoted MoS ₂ in the Hydrodesulfurization of Dibenzothiophene. <i>Catalysts</i> , 2021 , 11, 1398	4	0
58	A Co-Crystallised Cobalt(II) Cluster of Pyridinedicarboxylic Acid (PDC) as a Luminescent Material for Selective Sensing of Methanol. <i>Journal of Fluorescence</i> , 2021 , 31, 1177-1190	2.4	
57	Influence of surface modification of zinc oxide based nanomaterials on the photocatalytic reduction of carbon dioxide. <i>Materials Today Chemistry</i> , 2021 , 20, 100446	6.2	1
56	Synthesis, characterization and density functional theory of copper(II) complex and cobalt(II) coordination polymer for detection of nitroaromatic explosives. <i>Inorganica Chimica Acta</i> , 2021 , 515, 120048	2.7	3
55	Photocatalytic decontamination of toxic hexavalent chromium in water over graphitic carbon nitride supported sulfur nanoparticles. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021 , 405, 112934	4.7	10
54	Physical stability enhancement and antimicrobial properties of a sodium ionic cocrystal with theophylline. <i>CrystEngComm</i> , 2021 , 23, 335-352	3.3	4
53	Co-combustion Characteristics of coal-Scenedesmus Microalgae Blends and Their Resulting Ash. <i>Combustion Science and Technology</i> , 2021 , 193, 419-436	1.5	3
52	Synthesis, structural and DFT investigation of Zn(nba) ₂ (meim) ₂ for adsorptive removal of eosin yellow dye from aqueous solution. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2021 , 647, 783-793	1.3	1
51	Two-three parameters isotherm modeling, kinetics with statistical validity, desorption and thermodynamic studies of adsorption of Cu(II) ions onto zerovalent iron nanoparticles. <i>Scientific Reports</i> , 2021 , 11, 16454	4.9	5
50	Construction of Co-doped TiO ₂ /rGO nanocomposites for high-performance photoreduction of CO ₂ with H ₂ O: Comparison of theoretical binding energies and exploration of surface chemistry. <i>Materials Chemistry and Physics</i> , 2021 , 268, 124733	4.4	5
49	Coordination Polymers and Polymer Nanofibers for Effective Adsorptive Desulfurization 2021 , 730-783		
48	Synthesis, characterization, molecular docking and antimicrobial activity of copper(II) complexes of metronidazole and 1,10 phenanthroline. <i>Inorganica Chimica Acta</i> , 2020 , 510, 119744	2.7	13
47	Bottom-up approach synthesis of core-shell nanoscale zerovalent iron (CS-nZVI): Physicochemical and spectroscopic characterization with Cu(II) ions adsorption application. <i>MethodsX</i> , 2020 , 7, 100976	1.9	10
46	Microwave-Assisted Synthesis of Cobalt Oxide/Reduced Graphene Oxide (Co ₃ O ₄ /rGO) Composite and its Sulfite Enhanced Photocatalytic Degradation of Organic Dyes. <i>Zeitschrift Fur Physikalische Chemie</i> , 2020 , 234, 1681-1708	3.1	4

45	Coordination Polymers and Polymer Nanofibers for Effective Adsorptive Desulfurization. <i>Advances in Chemical and Materials Engineering Book Series</i> , 2020 , 168-234	0.2	1
44	Synthesis, crystal structure and docking studies of tetracyclic 10-iodo-1,2-dihydroisoquinolino[2,1-b][1,2,4]benzothiadiazine 12,12-dioxide and its precursors. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2020 , 76, 810-820	0.8	0
43	Electrochemical determination of trace sulfur containing compounds in model fuel based on a silver/polyaniline-modified electrode. <i>Analytical Methods</i> , 2020 , 12, 1094-1106	3.2	4
42	Synthesis and crystal structures of zinc(II) coordination polymers of trimethylenedipyridine (tmdp), 4-nitrobenzoic (Hnba) and 4-biphenylcarboxylic acid (Hbiphen) for adsorptive removal of methyl orange from aqueous solution. <i>Polyhedron</i> , 2020 , 192, 114819	2.7	3
41	Electrocatalytic Oxidation of Dibenzothiophene and 4,6-Dimethyldibenzothiophene at Gold-Polyaniline (Au-PANI) Composite Electrodes. <i>Electrocatalysis</i> , 2020 , 11, 593-603	2.7	2
40	Trimesic acid⊃theophylline and Isophthalic acid⊃caffeine Cocrystals: Synthesis, Characterization, Solubility, Molecular Docking, and Antimicrobial Activity. <i>Crystal Growth and Design</i> , 2020 , 20, 3510-3522 ^{3.5}	10	10
39	Selective removal of pyridine in fuel by imprinted polymer (poly 4-vinyl aniline-co-DVB) as adsorbent. <i>Petroleum Science and Technology</i> , 2019 , 37, 1691-1703	1.4	3
38	SN-Donor Methylthioanilines and Copper(II) Complexes: Synthesis, Spectral Properties, and In Vitro Antimicrobial Activity. <i>Heteroatom Chemistry</i> , 2019 , 2019, 1-7	1.2	2
37	Synthesis and crystal structures of a copper(II) dinuclear complex and zinc(II) coordination polymers as materials for efficient oxidative desulfurization of dibenzothiophene. <i>New Journal of Chemistry</i> , 2019 , 43, 14343-14354	3.6	8
36	Comparing the Catalytic Activity of Silica-Supported Vanadium Oxides and the Polymer Nanofiber-Supported Oxidovanadium(IV) Complex toward Oxidation of Refractory Organosulfur Compounds in Hydrotreated Diesel. <i>Energy & Fuels</i> , 2019 , 33, 7595-7603	4.1	2
35	Cytotoxic, anti-mitotic and cytogenetic effects of the leaves and stems of <i>Olax subscorpioidea</i> Oliv. (Olacaceae) against <i>Artemia salina</i> nauplii and <i>Allium cepa</i> meristematic cells. <i>Makedonsko Farmaceutski Bilten</i> , 2019 , 65, 3-10	0.1	1
34	New VO-complexes for oxidative desulfurization of refractory sulfur compounds in fuel: synthesis, structure, reactivity trend and mechanistic studies. <i>Dalton Transactions</i> , 2019 , 48, 16687-16704	4.3	5
33	Synthesis, crystal structure, and density functional theory study of a zinc(II) complex containing terpyridine and pyridine-2,6-dicarboxylic acid ligands: Analysis of the interactions with amoxicillin. <i>Comptes Rendus Chimie</i> , 2019 , 22, 3-12	2.7	4
32	Towards oxidative denitrogenation of fuel oils: Vanadium oxide-catalysed oxidation of quinoline and adsorptive removal of quinoline-N-oxide using 2,6-pyridine-polybenzimidazole nanofibers. <i>Arabian Journal of Chemistry</i> , 2019 , 12, 198-214	5.9	16
31	Synthesis, crystal structures and luminescence properties of new multi-component co-crystals of isostructural Co(II) and Zn(II) complexes. <i>Journal of Molecular Structure</i> , 2018 , 1157, 450-456	3.4	10
30	Remarkable adsorptive removal of nitrogen-containing compounds from hydrotreated fuel by molecularly imprinted poly-2-(1-imidazol-2-yl)-4-phenol nanofibers.. <i>RSC Advances</i> , 2018 , 8, 8039-8050	3.7	6
29	Catalysed oxidation of quinoline in model fuel and the selective extraction of quinoline- N -oxide with imidazoline-based ionic liquids. <i>Egyptian Journal of Petroleum</i> , 2018 , 27, 159-168	3.4	12
28	Adsorptive denitrogenation of fuel over molecularly imprinted poly-2-(1H-imidazol-2-yl)-4-phenol microspheres. <i>New Journal of Chemistry</i> , 2018 , 42, 13135-13146	3.6	4

27	Synthesis, crystal structure and desulfurization properties of zig-zag 1D coordination polymer of copper(II) containing 4-methoxybenzoic acid ligand. <i>Journal of Sulfur Chemistry</i> , 2018 , 39, 588-606	2.3	10
26	Separation of rhodium(III) and iridium(IV) chlorido complexes using polymer microspheres functionalized with quaternary diammonium groups. <i>Separation Science and Technology</i> , 2017 , 52, 71-80	2.5	5
25	Vanadium(IV) catalysed oxidation of organosulfur compounds in heavy fuel oil. <i>Comptes Rendus Chimie</i> , 2017 , 20, 164-168	2.7	6
24	Electrospun poly(vinylbenzyl chloride) nanofibres functionalised with tris-(2,2'-pyridylimidazole)iron(III): A test strip for detection of ascorbic acid and dopamine. <i>Sensors and Actuators B: Chemical</i> , 2016 , 222, 598-604	8.5	13
23	Development of models to predict the viscosity of a compressed Nigerian bitumen and rheological property of its emulsions. <i>Journal of Petroleum Science and Engineering</i> , 2016 , 145, 711-722	4.4	15
22	Spectroscopic, structural and theoretical studies of copper(II) complexes of tridentate NOS Schiff bases. <i>Journal of Molecular Structure</i> , 2016 , 1122, 72-79	3.4	15
21	Functional nanofibers for separation of rhodium(III) and iridium(IV) chlorido species. <i>Minerals Engineering</i> , 2016 , 87, 32-44	4.9	8
20	Molecularly Imprinted Polymer Nanofibers for Adsorptive Desulfurization. <i>Advances in Chemical and Materials Engineering Book Series</i> , 2016 , 281-336	0.2	1
19	Kinetic analysis and modeling of stability of bitumen-in-water emulsion stabilized by polyvinyl alcohol (PVA). <i>Petroleum Science and Technology</i> , 2016 , 34, 184-191	1.4	3
18	Selective removal of isoquinoline and quinoline from simulated fuel using 1,1'-binaphthyl-2,2'-diol (BINOL): crystal structure and evaluation of the adduct electronic properties. <i>RSC Advances</i> , 2016 , 6, 39024-39038	3.7	5
17	Thermal Tolerance and Compatibility of NaOH/Poly(vinyl alcohol) in Bitumen Emulsification for Improved Flow properties. <i>Energy & Fuels</i> , 2016 , 30, 9310-9321	4.1	7
16	Trans,trans,trans-[ReO ₂ (PPh ₃) ₂], a rare rhenium(VI) complex [Synthesis and DFT study. <i>Inorganic Chemistry Communication</i> , 2015 , 51, 83-86	3.1	2
15	The Development of Palladium(II)-Specific Amine-Functionalized Silica-Based Microparticles: Adsorption and Column Separation Studies. <i>Separation Science and Technology</i> , 2015 , 50, 1497-1506	2.5	2
14	The oxidation of dibenzothiophene using oxidovanadium(IV)-containing nanofibres as catalyst. <i>South African Journal of Chemistry</i> , 2015 , 68,	1.8	2
13	The oxidation of dibenzothiophene using oxidovanadium(IV)-containing nanofibres as catalyst. <i>South African Journal of Chemistry</i> , 2015 , 68, 172-180	1.8	4
12	Design, fabrication and evaluation of intelligent sulfone-selective polybenzimidazole nanofibers. <i>Talanta</i> , 2014 , 126, 61-72	6.2	34
11	Dispersion of Asphaltenes in Petroleum with Ionic Liquids: Evaluation of Molecular Interactions in the Binary Mixture. <i>Industrial & Engineering Chemistry Research</i> , 2014 , 53, 18390-18401	3.9	42
10	The adsorptive extraction of oxidized sulfur-containing compounds from fuels by using molecularly imprinted chitosan materials. <i>Reactive and Functional Polymers</i> , 2014 , 81, 61-76	4.6	39

9	The Ratios of Vanadium-to-nickel and Phenanthrene-to-dibenzothiophene as Means of Identifying Petroleum Source and Classification of Nigeria Crude Oils. <i>Petroleum Science and Technology</i> , 2014 , 32, 2283-2291	1.4	6
8	Adsorption and separation of platinum and palladium by polyamine functionalized polystyrene-based beads and nanofibers. <i>Minerals Engineering</i> , 2013 , 53, 256-265	4.9	40
7	The development of catalytic oxovanadium(IV)-containing microspheres for the oxidation of various organosulfur compounds. <i>Applied Catalysis A: General</i> , 2013 , 462-463, 157-167	5.1	22
6	Development of a Continuous Flow System for the Oxidative Desulfurization of Refractory Organosulfur Compounds in Hydrotreated Diesel. <i>Energy & Fuels</i> , 2013 , 27, 7714-7723	4.1	15
5	Imidazole-functionalized polymer microspheres and fibers ¶useful materials for immobilization of oxovanadium(IV) catalysts. <i>Journal of Materials Chemistry</i> , 2012 , 22, 5792		27
4	Oxovanadium(IV)-catalysed oxidation of dibenzothiophene and 4,6-dimethyldibenzothiophene. <i>Dalton Transactions</i> , 2012 , 41, 13908-18	4.3	49
3	Simple ultrasound-heating process for preparation of magnetite-sulphur adsorbent for rapid uptake of phosphate ion in solution. <i>International Journal of Environmental Analytical Chemistry</i> , 1-24	1.8	
2	Nanofiber-supported metal-based catalysts. <i>Catalysis</i> , 144-174	1.6	10
1	Calcium coordination compounds of anionic forms of hydrogen dipicolinate and quinolinate: synthesis, characterization, crystal structures and DFT studies. <i>Structural Chemistry</i> , 1	1.8	