

Olayemi J Fakayode

List of Publications by Year in descending order

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24
papers

190
citations

1307366

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all docs

24
docs citations

24
times ranked

253
citing authors

#	ARTICLE	IF	CITATIONS
1	Applications of functionalized nanomaterials in photodynamic therapy. <i>Biophysical Reviews</i> , 2018, 10, 49-67.	1.5	40
2	Photodynamic therapy evaluation of methoxypolyethyleneglycol-thiol-SPIONs-gold-meso-tetrakis(4-hydroxyphenyl)porphyrin conjugate against breast cancer cells. <i>Materials Science and Engineering C</i> , 2018, 92, 737-744.	3.8	32
3	A novel photodegradation approach for the efficient removal of natural organic matter (NOM) from water. <i>Physics and Chemistry of the Earth</i> , 2018, 106, 97-106.	1.2	20
4	Visible-light photocatalytic degradation of tartrazine using hydrothermal synthesized Ag-doped TiO ₂ nanoparticles. <i>Journal of Water Process Engineering</i> , 2021, 44, 102372.	2.6	18
5	Singlet oxygen generation potential of thiolated methoxy-polyethyleneglycol encapsulated superparamagnetic iron oxide nanoparticles-gold core-shell meso-5, 10, 15, 20-tetrakis (4-hydroxyphenyl) porphyrin. <i>Materials Letters</i> , 2017, 199, 37-40.	1.3	14
6	SPIONs as proton pump and electrostatic contributor for the simultaneous precipitation of protonated neutral red, Ag ⁺ and chloride ion from aqueous solution. <i>Separation and Purification Technology</i> , 2017, 187, 374-379.	3.9	10
7	Neutral red separation property of ultrasmall-gluconic acid capped superparamagnetic iron oxide nanoclusters coprecipitated with goethite and hematite. <i>Separation and Purification Technology</i> , 2018, 192, 475-482.	3.9	8
8	Effect of synthetic conditions on the crystallinity, porosity and magnetic properties of gluconic acid capped iron oxide nanoparticles. <i>Nano Structures Nano Objects</i> , 2020, 23, 100480.	1.9	7
9	Stable magneto-fluorescent gadolinium-doped AgInS ₂ core quantum dots (QDs) with enhanced photoluminescence properties. <i>Materials Letters</i> , 2021, 305, 130776.	1.3	6
10	Evolution of gluconic acid capped paramagnetic iron oxide nanoparticles. <i>Nano Structures Nano Objects</i> , 2019, 20, 100389.	1.9	5
11	Biopolymer-mediated Green Synthesis of Noble Metal Nanostructures. , 0, , .		4
12	Detection of low-level humic acid in water using room temperature-synthesized copper (I) oxide colloids. <i>MRS Communications</i> , 2019, 9, 1317-1322.	0.8	4
13	Nanosilver dumbbell electronic sheet for cyanide and glucose detection. <i>Microelectronic Engineering</i> , 2020, 230, 111364.	1.1	4
14	Determination of humic acid (HA) and sodium alginate in water using Fe ₂ O ₃ and CuO nanoparticle-modified glassy carbon electrode. <i>International Journal of Environmental Analytical Chemistry</i> , 2020, , 1-21.	1.8	4
15	Detection of humic acid in water using flat-sheet and folded-rod viscous alkaline glucose syrups. <i>Analyst, The</i> , 2020, 145, 2682-2691.	1.7	3
16	Detection and separation of silver ions from industrial wastewaters using fluorescent d-glucose carbon nanosheets and quaternary silver indium zinc sulphide quantum dots. <i>Journal of Water Process Engineering</i> , 2022, 49, 102944.	2.6	3
17	Application of iron (III) meso-tetrakis(4-hydroxyphenyl)porphyrin-methylene blue strips for the detection and quantification of H ₂ O ₂ in aqueous and pharmaceutical fluids. <i>MRS Communications</i> , 2019, 9, 398-405.	0.8	2
18	Chromametric and spectroscopic determinations of natural organic matter in water and caffeine/phosphoric acid-containing soft drink using grape (<i>V. vinifera</i>) extract. <i>Food Chemistry</i> , 2021, 348, 129146.	4.2	2

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19	Cyclic voltammetric determination of calcium in water in the presence of natural organic matter (humic acid) and Cu (II) at gold electrode's surface. , 2022, 1, 100012.		2
20	Electrochemical detection of natural organic matter (humic acid) and splitting of hydrogen peroxide on a micropore 3D catalytic polysulfoneâ€“copper oxide nanocomposite surface. MRS Communications, 2020, 10, 519-527.	0.8	1
21	Development of floating 3D-microfloral CuO-polysulfone beads for wastewater treatment. Journal of Water Process Engineering, 2022, 46, 102530.	2.6	1
22	Facile Green Synthesis and Characterization of Water Soluble Superparamagnetic Iron Oxide-Gold Porphyrin Conjugate for Improved Photodynamic Therapy. Minerals, Metals and Materials Series, 2017, , 23-27.	0.3	0
23	Non-distorted visible light-absorbing thiol-PEGylated gold-coated superparamagnetic iron oxide nanoparticlesâ€“porphyrin conjugates and their inhibitory effects against nosocomial pathogens. MRS Communications, 2019, 9, 1335-1342.	0.8	0
24	Electron Transfer Kinetics at Polysulfone-Copper Oxide Metalloplastic Nanocomposite Surface. ECS Meeting Abstracts, 2021, MA2021-01, 1912-1912.	0.0	0