

# Olayemi J Fakayode

## List of Publications by Year in descending order

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24  
papers

190  
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1307366

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h-index

1125617

13  
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24  
all docs

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docs citations

24  
times ranked

253  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Development of floating 3D-microfloral CuO-polysulfone beads for wastewater treatment. Journal of Water Process Engineering, 2022, 46, 102530.  | 2.6 | 1         |
| 2  | 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         |
| 3  | Detection and separation of silver ions from industrial wastewaters using fluorescent d-glucose carbon nanosheets and quaternary silver indium zinc sulphide quantum dots. Journal of Water Process Engineering, 2022, 49, 102944.        | 2.6 | 3         |
| 4  | Electron Transfer Kinetics at Polysulfone-Copper Oxide Metalloplastic Nanocomposite Surface. ECS Meeting Abstracts, 2021, MA2021-01, 1912-1912.   | 0.0 | 0         |
| 5  | Chromametric and spectroscopic determinations of natural organic matter in water and caffeine/phosphoric acid-containing soft drink using grape ( <i>V. vinifera</i> ) extract. Food Chemistry, 2021, 348, 129146.                        | 4.2 | 2         |
| 6  | Stable magneto-fluorescent gadolinium-doped AgInS <sub>2</sub> core quantum dots (QDs) with enhanced photoluminescence properties. Materials Letters, 2021, 305, 130776.  | 1.3 | 6         |
| 7  | Visible-light photocatalytic degradation of tartrazine using hydrothermal synthesized Ag-doped TiO <sub>2</sub> nanoparticles. Journal of Water Process Engineering, 2021, 44, 102372.  | 2.6 | 18        |
| 8  | Electrochemical detection of natural organic matter (humic acid) and splitting of hydrogen peroxide on a micropore 3D catalytic polysulfone-copper oxide nanocomposite surface. MRS Communications, 2020, 10, 519-527.                    | 0.8 | 1         |
| 9  | Nanosilver dumbbell electronic sheet for cyanide and glucose detection. Microelectronic Engineering, 2020, 230, 111364.   | 1.1 | 4         |
| 10 | Determination of humic acid (HA) and sodium alginate in water using Fe <sub>2</sub> O <sub>3</sub> and CuO nanoparticle-modified glassy carbon electrode. International Journal of Environmental Analytical Chemistry, 2020, , 1-21.      | 1.8 | 4         |
| 11 | Effect of synthetic conditions on the crystallinity, porosity and magnetic properties of gluconic acid capped iron oxide nanoparticles. Nano Structures Nano Objects, 2020, 23, 100480.   | 1.9 | 7         |
| 12 | Detection of humic acid in water using flat-sheet and folded-rod viscous alkaline glucose syrups. Analyst, The, 2020, 145, 2682-2691.   | 1.7 | 3         |
| 13 | Non-distorted visible light-absorbing thiol-PEGylated gold-coated superparamagnetic iron oxide nanoparticles-porphyrin conjugates and their inhibitory effects against nosocomial pathogens. MRS Communications, 2019, 9, 1335-1342.      | 0.8 | 0         |
| 14 | Evolution of gluconic acid capped paramagnetic iron oxide nanoparticles. Nano Structures Nano Objects, 2019, 20, 100389.  | 1.9 | 5         |
| 15 | Detection of low-level humic acid in water using room temperature-synthesized copper (I) oxide colloids. MRS Communications, 2019, 9, 1317-1322.  | 0.8 | 4         |
| 16 | Application of iron (III) meso-tetrakis(4-hydroxyphenyl)porphyrin-methylene blue strips for the detection and quantification of H <sub>2</sub> O <sub>2</sub> in aqueous and pharmaceutical fluids. MRS Communications, 2019, 9, 398-405. | 0.8 | 2         |
| 17 | Applications of functionalized nanomaterials in photodynamic therapy. Biophysical Reviews, 2018, 10, 49-67.   | 1.5 | 40        |
| 18 | Neutral red separation property of ultrasmall-gluconic acid capped superparamagnetic iron oxide nanoclusters coprecipitated with goethite and hematite. Separation and Purification Technology, 2018, 192, 475-482.                       | 3.9 | 8         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | 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        |
| 20 | 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        |
| 21 | Facile Green Synthesis and Characterization of Water Soluble Superparamagnetic Iron Oxide-Gold Porphyrin Conjugate for Improved Photodynamic Therapy. <i>Minerals, Metals and Materials Series</i> , 2017, , 23-27.                                       | 0.3 | 0         |
| 22 | 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        |
| 23 | SPIONs as proton pump and electrostatic contributor for the simultaneous precipitation of protonated neutral red, Ag <sup>+</sup> and chloride ion from aqueous solution. <i>Separation and Purification Technology</i> , 2017, 187, 374-379.             | 3.9 | 10        |
| 24 | Biopolymer-mediated Green Synthesis of Noble Metal Nanostructures. , 0, , .   |     | 4         |