# Alex O Ibhadon

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8842785/publications.pdf

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|---|---|---|---|
| 23 papers | 1,692 citations | 516710 16 h-index | 677142 22 g-index |
| 24 all docs | 24 docs citations | 24 times ranked | 2600 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Heterogeneous Photocatalysis: Recent Advances and Applications. Catalysts, 2013, 3, 189-218. | 3.5 | 995 |
| 2 | Visible-light driven photocatalytic degradation of brilliant green dye based on cobalt tungstate (CoWO 4 ) nanoparticles. Materials Chemistry and Physics, 2018, 211, 335-342. | 4.0 | 88 |
| 3 | Solar light driven photocatalytic degradation of levofloxacin using TiO<sub>2</sub>/carbon-dot nanocomposites. New Journal of Chemistry, 2018, 42, 7445-7456. | 2.8 | 87 |
| 4 | Bi2WO6/C-Dots/TiO2: A Novel Z-Scheme Photocatalyst for the Degradation of Fluoroquinolone Levofloxacin from Aqueous Medium. Nanomaterials, 2020, 10, 910. | 4.1 | 75 |
| 5 | A Facile synthesis of silver modified ZnO nanoplates for efficient removal of ofloxacin drug in aqueous phase under solar irradiation. Journal of Environmental Chemical Engineering, 2018, 6, 3621-3630. | 6.7 | 58 |
| 6 | Palladiumâ€“bismuth intermetallic and surface-poisoned catalysts for the semi-hydrogenation of 2-methyl-3-butyn-2-ol. Applied Catalysis A: General, 2015, 497, 22-30. | 4.3 | 47 |
| 7 | Novel synthesis of thick wall coatings of titania supported Bi poisoned Pd catalysts and application in selective hydrogenation of acetylene alcohols in capillary microreactors. Lab on A Chip, 2015, 15, 1952-1960. | 6.0 | 42 |
| 8 | The role of heterogeneous catalysts in the plasma-catalytic ammonia synthesis. Catalysis Today, 2021, 362, 2-10. | 4.4 | 39 |
| 9 | Scale up study of capillary microreactors in solvent-free semihydrogenation of 2â€methylâ€3â€butynâ€2â€ol. Catalysis Today, 2016, 273, 205-212. | 4.4 | 33 |
| 10 | Solvent-free semihydrogenation of acetylene alcohols in a capillary reactor coated with a Pdâ€“Bi/TiO 2 catalyst. Applied Catalysis A: General, 2016, 515, 108-115. | 4.3 | 33 |
| 11 | Dehydroacetic acid derived Schiff base as selective and sensitive colorimetric chemosensor for the detection of Cu(II) ions in aqueous medium. Microchemical Journal, 2020, 155, 104705. | 4.5 | 32 |
| 12 | Pd 3 Sn nanoparticles on TiO 2 and ZnO supports as catalysts for semi-hydrogenation: Synthesis and catalytic performance. Applied Catalysis A: General, 2017, 544, 40-45. | 4.3 | 29 |
| 13 | Magnesium ferrite spinels as anode modifier for the treatment of Congo red and energy recovery in a single chambered microbial fuel cell. Journal of Hazardous Materials, 2021, 410, 124561. | 12.4 | 28 |
| 14 | Ultrasoundâ€and Microwaveâ€Assisted Preparation of Leadâ€Free Palladium Catalysts: Effects on the Kinetics of Diphenylacetylene Semiâ€Hydrogenation. ChemCatChem, 2015, 7, 952-959. | 3.7 | 27 |
| 15 | Photocatalytic degradation of ketorolac tromethamine (KTC) using Ag-doped ZnO microplates. Journal of Materials Science, 2017, 52, 5256-5267. | 3.7 | 17 |
| 16 | Analysis of emerging contaminants: A case study of the underground and drinking water samples in Chandigarh, India. Environmental Advances, 2020, 1, 100002. | 4.8 | 17 |
| 17 | Effective toxicity assessment of synthetic dye in microbial fuel cell biosensor with spinel nanofiber anode. Journal of Environmental Chemical Engineering, 2022, 10, 107313. | 6.7 | 12 |
| 18 | Template synthesis and characterization of carbon nanomaterials from ferrocene crystals. Applied Surface Science, 2014, 308, 388-395. | 6.1 | 11 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Promoted N N activation by oxygen and boosted ammonia production over Bi4O5Br2. Molecular Catalysis, 2021, 515, 111913. | 2.0 | 7 |
| 20 | Boosted electrocatalytic hydrogen production by methylene blue and urea and synergistic electrooxidation degradation. Materials Today Energy, 2021, 22, 100880. | 4.7 | 6 |
| 21 | Stabilization of Pd<sub>3â^'x</sub>In<sub>1+x</sub> Polymorphs with Pdâ€like Crystal Structure and their Superior Performance as Catalysts for Semiâ€Hydrogenation of Alkynes. ChemCatChem, 2019, 11, 2909-2918. | 3.7 | 5 |
| 22 | Ultra-small FeS<sub>2</sub> nanoparticles for highly efficient chemoselective transfer hydrogenation of nitroarenes. New Journal of Chemistry, 2021, 45, 17808-17815. | 2.8 | 4 |
| 23 | Nanoparticulate Pd3Sn on TiO2 and ZnO Supports as Catalysts for Semi-hydrogenation: Synthesis and Catalytic Performance. Synthesis and Catalysis Open Access, 2017, 02, . | 0.4 | 0 |