

Alex O Ibhaddon

List of Publications by Year in descending order

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Version: 2024-02-01

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	Effective toxicity assessment of synthetic dye in microbial fuel cell biosensor with spinel nanofiber anode. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107313.	6.7	12
2	The role of heterogeneous catalysts in the plasma-catalytic ammonia synthesis. <i>Catalysis Today</i> , 2021, 362, 2-10.	4.4	39
3	Magnesium ferrite spinels as anode modifier for the treatment of Congo red and energy recovery in a single chambered microbial fuel cell. <i>Journal of Hazardous Materials</i> , 2021, 410, 124561.	12.4	28
4	Promoted N ₂ activation by oxygen and boosted ammonia production over Bi ₄ O ₅ Br ₂ . <i>Molecular Catalysis</i> , 2021, 515, 111913.	2.0	7
5	Ultra-small FeS ₂ nanoparticles for highly efficient chemoselective transfer hydrogenation of nitroarenes. <i>New Journal of Chemistry</i> , 2021, 45, 17808-17815.	2.8	4
6	Boosted electrocatalytic hydrogen production by methylene blue and urea and synergistic electrooxidation degradation. <i>Materials Today Energy</i> , 2021, 22, 100880.	4.7	6
7	Bi ₂ WO ₆ /C-Dots/TiO ₂ : A Novel Z-Scheme Photocatalyst for the Degradation of Fluoroquinolone Levofloxacin from Aqueous Medium. <i>Nanomaterials</i> , 2020, 10, 910.	4.1	75
8	Analysis of emerging contaminants: A case study of the underground and drinking water samples in Chandigarh, India. <i>Environmental Advances</i> , 2020, 1, 100002.	4.8	17
9	Dehydroacetic acid derived Schiff base as selective and sensitive colorimetric chemosensor for the detection of Cu(II) ions in aqueous medium. <i>Microchemical Journal</i> , 2020, 155, 104705.	4.5	32
10	Stabilization of Pd ₃ X _{1+x} Polymorphs with Pd-like Crystal Structure and their Superior Performance as Catalysts for Semi-Hydrogenation of Alkynes. <i>ChemCatChem</i> , 2019, 11, 2909-2918.	3.7	5
11	Visible-light driven photocatalytic degradation of brilliant green dye based on cobalt tungstate (CoWO ₄) nanoparticles. <i>Materials Chemistry and Physics</i> , 2018, 211, 335-342.	4.0	88
12	Solar light driven photocatalytic degradation of levofloxacin using TiO ₂ /carbon-dot nanocomposites. <i>New Journal of Chemistry</i> , 2018, 42, 7445-7456.	2.8	87
13	A Facile synthesis of silver modified ZnO nanoplates for efficient removal of ofloxacin drug in aqueous phase under solar irradiation. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 3621-3630.	6.7	58
14	Photocatalytic degradation of ketorolac tromethamine (KTC) using Ag-doped ZnO microplates. <i>Journal of Materials Science</i> , 2017, 52, 5256-5267.	3.7	17
15	Pd ₃ Sn nanoparticles on TiO ₂ and ZnO supports as catalysts for semi-hydrogenation: Synthesis and catalytic performance. <i>Applied Catalysis A: General</i> , 2017, 544, 40-45.	4.3	29
16	Nanoparticulate Pd ₃ Sn on TiO ₂ and ZnO Supports as Catalysts for Semi-hydrogenation: Synthesis and Catalytic Performance. <i>Synthesis and Catalysis Open Access</i> , 2017, 02, .	0.4	0
17	Scale up study of capillary microreactors in solvent-free semihydrogenation of 2-methylbutyn-2-ol. <i>Catalysis Today</i> , 2016, 273, 205-212.	4.4	33
18	Solvent-free semihydrogenation of acetylene alcohols in a capillary reactor coated with a Pd-Bi/TiO ₂ catalyst. <i>Applied Catalysis A: General</i> , 2016, 515, 108-115.	4.3	33

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19	Novel synthesis of thick wall coatings of titania supported Bi poisoned Pd catalysts and application in selective hydrogenation of acetylene alcohols in capillary microreactors. <i>Lab on A Chip</i> , 2015, 15, 1952-1960.	6.0	42
20	Ultrasound and Microwave Assisted Preparation of Lead Free Palladium Catalysts: Effects on the Kinetics of Diphenylacetylene Semi Hydrogenation. <i>ChemCatChem</i> , 2015, 7, 952-959.	3.7	27
21	Palladium bismuth intermetallic and surface-poisoned catalysts for the semi-hydrogenation of 2-methyl-3-butyn-2-ol. <i>Applied Catalysis A: General</i> , 2015, 497, 22-30.	4.3	47
22	Template synthesis and characterization of carbon nanomaterials from ferrocene crystals. <i>Applied Surface Science</i> , 2014, 308, 388-395.	6.1	11
23	Heterogeneous Photocatalysis: Recent Advances and Applications. <i>Catalysts</i> , 2013, 3, 189-218.	3.5	995