

Udayakumar Veerabagu

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

267
citations

1307594

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docs citations

13
times ranked

280
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#	ARTICLE	IF	CITATIONS
1	Optimal immobilization of <i>Trichoderma asperellum</i> laccase on polymer coated Fe ₃ O ₄ @SiO ₂ nanoparticles for enhanced biohydrogen production from delignified lignocellulosic biomass. <i>Fuel</i> , 2020, 273, 117777.	6.4	97
2	Polypyrrole-functionalized boron nitride nanosheets for high-performance anti-corrosion composite coating. <i>Surface and Coatings Technology</i> , 2021, 420, 127273.	4.8	34
3	Bi-model cationic dye adsorption by native and surface-modified <i>Trichoderma asperellum</i> BPL MBT1 biomass: From fermentation waste to value-added biosorbent. <i>Chemosphere</i> , 2021, 277, 130311.	8.2	33
4	Review: Auxetic Polymer-Based Mechanical Metamaterials for Biomedical Applications. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 2798-2824.	5.2	25
5	Catalytic activity of mesoporous V/SBA-15 in the transesterification and esterification of fatty acids. <i>Journal of Porous Materials</i> , 2014, 21, 921-931.	2.6	14
6	A novel route for the synthesis of alkanes from glycerol in a two step process using a Pd/SBA-15 catalyst. <i>RSC Advances</i> , 2015, 5, 78719-78727.	3.6	13
7	Synthesis of Hf/SBA-15 Lewis acid catalyst for converting glycerol to value-added chemicals. <i>Journal of Porous Materials</i> , 2017, 24, 979-990.	2.6	13
8	Effects of laminarin zwitterionic carboxylate and sulfonate on the intestinal barrier function and gut microbiota. <i>Carbohydrate Polymers</i> , 2022, 278, 118898.	10.2	8
9	An efficient copper catalyzed 3D mesoporous aluminosilicate for the synthesis of dibenzodiazonines in the Ullmann cross-coupling reaction. <i>New Journal of Chemistry</i> , 2018, 42, 13065-13073.	2.8	7
10	Novel cigarette butts-derived porous carbon-based catalyst for highly efficient Suzuki-Miyaura cross-coupling reaction. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105246.	6.7	7
11	A Facile Synthesis of Itaconic Acid Based Biodegradable Co-polyesters: An In-Vitro Anticancer Evaluation and Controlled Drug Delivery System. <i>Journal of Polymers and the Environment</i> , 2019, 27, 2756-2768.	5.0	6
12	High yield and greener C-H difluoromethylation reactions using copper iodide nanoparticles/boron nitride nanosheets as a versatile and recyclable heterogeneous catalyst. <i>Reaction Chemistry and Engineering</i> , 2021, 6, 1900-1910.	3.7	6
13	A novel synthesis and preliminary in vitro cytotoxic evaluation of dihydropyrimidine-2,4(1H, 3 H)-dione derivatives. <i>Journal of Chemical Sciences</i> , 2017, 129, 249-258.	1.5	4