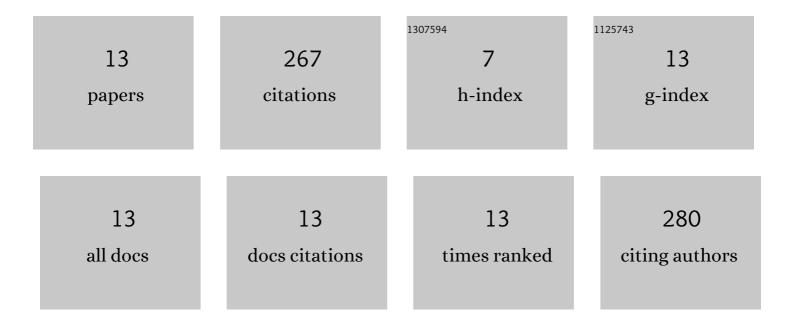
## Udayakumar Veerabagu

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1450362/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Optimal immobilization of Trichoderma asperellum laccase on polymer coated Fe3O4@SiO2 nanoparticles for enhanced biohydrogen production from delignified lignocellulosic biomass. Fuel, 2020, 273, 117777.	6.4	97
2	Polypyrrole-functionalized boron nitride nanosheets for high-performance anti-corrosion composite coating. Surface and Coatings Technology, 2021, 420, 127273.	4.8	34
3	Bi-model cationic dye adsorption by native and surface-modified Trichoderma asperellum BPL MBT1 biomass: From fermentation waste to value-added biosorbent. Chemosphere, 2021, 277, 130311.	8.2	33
4	Review: Auxetic Polymer-Based Mechanical Metamaterials for Biomedical Applications. ACS Biomaterials Science and Engineering, 2022, 8, 2798-2824.	5.2	25
5	Catalytic activity of mesoporous V/SBA-15 in the transesterification and esterification of fatty acids. Journal of Porous Materials, 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. RSC Advances, 2015, 5, 78719-78727.	3.6	13
7	Synthesis of Hf/SBA-15 Lewis acid catalyst for converting glycerol to value-added chemicals. Journal of Porous Materials, 2017, 24, 979-990.	2.6	13
8	Effects of laminarin zwitterionic carboxylate and sulfonate on the intestinal barrier function and gut microbiota. Carbohydrate Polymers, 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. New Journal of Chemistry, 2018, 42, 13065-13073.	2.8	7
10	Novel cigarette butts-derived porous carbon-based catalyst for highly efficient Suzuki-Miyaura cross-coupling reaction. Journal of Environmental Chemical Engineering, 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. Journal of Polymers and the Environment, 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. Reaction Chemistry and Engineering, 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. Journal of Chemical Sciences, 2017, 129, 249-258.	1.5	4