

Thomas I J Dugmore

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

392
citations

933264

10
h-index

1199470

12
g-index

12
all docs

12
docs citations

12
times ranked

612
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalytic performance of carbonaceous materials in the esterification of succinic acid. <i>Catalysis Communications</i> , 2008, 9, 1709-1714.	1.6	74
2	Perspectives on "Game Changer" Global Challenges for Sustainable 21st Century: Plant-Based Diet, Unavoidable Food Waste Biorefining, and Circular Economy. <i>Sustainability</i> , 2020, 12, 1976.	1.6	67
3	Life-Cycle Assessment of Microwave-Assisted Pectin Extraction at Pilot Scale. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 5167-5175.	3.2	46
4	Valorisation of Biowastes for the Production of Green Materials Using Chemical Methods. <i>Topics in Current Chemistry</i> , 2017, 375, 46.	3.0	44
5	Antimicrobial activity of a silver-microfibrillated cellulose biocomposite against susceptible and resistant bacteria. <i>Scientific Reports</i> , 2020, 10, 7281.	1.6	41
6	Adsorption of Eriochrome Black-T (EBT) using tea waste as a low cost adsorbent by batch studies: A green approach for dye effluent treatments. <i>Current Research in Green and Sustainable Chemistry</i> , 2020, 3, 100036.	2.9	38
7	A biorefinery strategy for spent industrial ginger waste. <i>Journal of Hazardous Materials</i> , 2021, 401, 123400.	6.5	23
8	Effect of biodiesel on the autoxidation of lubricant base fluids. <i>Fuel</i> , 2014, 124, 91-96.	3.4	22
9	Defibrillated Celluloses via Dual Twin-Screw Extrusion and Microwave Hydrothermal Treatment of Spent Pea Biomass. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 11861-11871.	3.2	17
10	From unavoidable food waste to advanced biomaterials: microfibrillated lignocellulose production by microwave-assisted hydrothermal treatment of cassava peel and almond hull. <i>Cellulose</i> , 2021, 28, 7687-7705.	2.4	14
11	Superior Mesoporosity of Lipid-Free Spent Coffee Ground Residues. <i>ChemSusChem</i> , 2019, 12, 4074-4081.	3.6	3
12	Mesoporous-rich calcium and potassium-activated carbons prepared from degreased spent coffee grounds for efficient removal of MnO_4^- in aqueous media. <i>RSC Advances</i> , 2022, 12, 19417-19423.	1.7	3