

Ciara Byrne

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/103026/publications.pdf>

Version: 2024-02-01

12
papers

1,230
citations

1039880

9
h-index

1281743

11
g-index

13
all docs

13
docs citations

13
times ranked

2001
citing authors

#	ARTICLE	IF	CITATIONS
1	Green Solvents as an Alternative to DMF in ZIF-90 Synthesis. <i>Molecules</i> , 2021, 26, 1573.	1.7	11
2	Chapter 8 Degradation of Endocrine Disruptors, Pesticides, and Pharmaceuticals Using Photocatalysis. , 2021, , 257-342.		0
3	Solar light assisted photocatalytic degradation of 1,4-dioxane using high temperature stable anatase W-TiO ₂ nanocomposites. <i>Catalysis Today</i> , 2021, 380, 199-208.	2.2	20
4	Evaluation of ZIF-8 and ZIF-90 as Heat Storage Materials by Using Water, Methanol and Ethanol as Working Fluids. <i>Crystals</i> , 2021, 11, 1422.	1.0	5
5	Modification of TiO ₂ with hBN: high temperature anatase phase stabilisation and photocatalytic degradation of 1,4-dioxane. <i>JPhys Materials</i> , 2020, 3, 015009.	1.8	11
6	Effect of Cu doping on the anatase-to-rutile phase transition in TiO ₂ photocatalysts: Theory and experiments. <i>Applied Catalysis B: Environmental</i> , 2019, 246, 266-276.	10.8	119
7	Antimicrobial activity of photocatalysts: Fundamentals, mechanisms, kinetics and recent advances. <i>Applied Catalysis B: Environmental</i> , 2018, 225, 51-75.	10.8	257
8	Recent advances in photocatalysis for environmental applications. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 3531-3555.	3.3	536
9	Cu-Doped TiO ₂ : Visible Light Assisted Photocatalytic Antimicrobial Activity. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 2067.	1.3	149
10	Photocatalysis as an effective advanced oxidation process. <i>Water Intelligence Online</i> , 2017, 16, 333-381.	0.3	6
11	New approach of modifying the anatase to rutile transition temperature in TiO ₂ photocatalysts. <i>RSC Advances</i> , 2016, 6, 95232-95238.	1.7	98
12	Titania nanotube photocatalysts for effectively treating waterborne microbial pathogens. <i>Journal of Catalysis</i> , 2016, 344, 631-639.	3.1	16