

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