

Choumini Balasanthiran

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7396402/publications.pdf>

Version: 2024-02-01

10
papers

175
citations

1478505

6
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

311
citing authors

#	ARTICLE	IF	CITATIONS
1	Anisotropic Growth of Silver Nanoparticles Is Kinetically Controlled by Polyvinylpyrrolidone Binding. <i>Journal of the American Chemical Society</i> , 2019, 141, 4328-4337.	13.7	77
2	Ag@TiO ₂ Hybrid Nanocrystal Photocatalyst: Hydrogen Evolution under UV Irradiation but Not under Visible-Light Irradiation. <i>ACS Applied Energy Materials</i> , 2019, 2, 8274-8282.	5.1	24
3	X-ray photoelectron spectroscopy of transition metal ions attached to the surface of rod-shape anatase TiO ₂ nanocrystals. <i>Inorganica Chimica Acta</i> , 2014, 422, 8-13.	2.4	19
4	A new route for the preparation of enriched iso-poly lactide from rac-lactide via a Lewis acid catalyzed ring-opening of an epoxide. <i>Dalton Transactions</i> , 2017, 46, 5938-5945.	3.3	19
5	Facile method to attach transition metal ions to the surface of anatase TiO ₂ nanorods. <i>Chemical Communications</i> , 2014, 50, 5721.	4.1	18
6	Self-limiting adsorption of Eu ³⁺ on the surface of rod-shape anatase TiO ₂ nanocrystals and post-synthetic sensitization of the europium-based emission. <i>Journal of Colloid and Interface Science</i> , 2015, 459, 63-69.	9.4	8
7	Quantitative Attachment of Bimetal Combinations of Transition-Metal Ions to the Surface of TiO ₂ Nanorods. <i>Langmuir</i> , 2018, 34, 5422-5434.	3.5	5
8	Single Site Metal Ions on the Surface of TiO ₂ Nanorods - A Platform for Theoretical and Experimental Investigation. <i>ACS Symposium Series</i> , 2015, , 103-116.	0.5	3
9	Diffusion doping of cobalt in rod-shape anatase TiO ₂ nanocrystals leads to antiferromagnetism. <i>Nanoscale Advances</i> , 2020, 2, 4853-4862.	4.6	2
10	The Catalytic Activity of TiO ₂ Toward a Multicomponent Reaction Depends on its Morphology, Mechanoactivation and Presence of Visible Light. <i>Journal of Photocatalysis</i> , 2020, 1, 37-42.	0.4	0