Choumini Balasanthiran

List of Publications by Year
in descending order

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	Diffusion doping of cobalt in rod-shape anatase TiO₂ nanocrystals leads to antiferromagnetism. Nanoscale Advances, 2020, 2, 4853-4862.	4.6	2
2	The Catalytic Activity of TiO2 Toward a Multicomponent Reaction Depends on its Morphology, Mechanoactivation and Presence of Visible Light. Journal of Photocatalysis, 2020, 1, 37-42.	0.4	0
3	Agâ€“TiO₂ Hybrid Nanocrystal Photocatalyst: Hydrogen Evolution under UV Irradiation but Not under Visible-Light Irradiation. ACS Applied Energy Materials, 2019, 2, 8274-8282.	5.1	24
4	Anisotropic Growth of Silver Nanoparticles Is Kinetically Controlled by Polyvinylpyrrolidone Binding. Journal of the American Chemical Society, 2019, 141, 4328-4337.	13.7	77
5	Quantitative Attachment of Bimetal Combinations of Transition-Metal Ions to the Surface of TiO₂ Nanorods. Langmuir, 2018, 34, 5422-5434.	3.5	5
6	A new route for the preparation of enriched iso-polylactide from rac-lactide via a Lewis acid catalyzed ring-opening of an epoxide. Dalton Transactions, 2017, 46, 5938-5945.	3.3	19
7	Single Site Metal Ions on the Surface of TiO2 Nanorods - A Platform for Theoretical and Experimental Investigation. ACS Symposium Series, 2015, , 103-116.	0.5	3
8	Self-limiting adsorption of Eu3+ on the surface of rod-shape anatase TiO2 nanocrystals and post-synthetic sensitization of the europium-based emission. Journal of Colloid and Interface Science, 2015, 459, 63-69.	9.4	8
9	Facile method to attach transition metal ions to the surface of anatase TiO2 nanorods. Chemical Communications, 2014, 50, 5721.	4.1	18
10	X-ray photoelectron spectroscopy of transition metal ions attached to the surface of rod-shape anatase TiO2 nanocrystals. Inorganica Chimica Acta, 2014, 422, 8-13.	2.4	19