

Mariana Rocha

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

13
papers

693
citations

10
h-index

15
g-index

15
ext. papers

773
ext. citations

6.5
avg, IF

3.7
L-index

#	Paper	IF	Citations
13	Superparamagnetic MFe ₂ O ₄ (M = Fe, Co, Mn) Nanoparticles: Tuning the Particle Size and Magnetic Properties through a Novel One-Step Coprecipitation Route. <i>Chemistry of Materials</i> , 2012 , 24, 1496-1504	9.6	364
12	Photocatalytic degradation of Reactive Black 5 with TiO ₂ -coated magnetic nanoparticles. <i>Catalysis Today</i> , 2013 , 209, 116-121	5.3	60
11	Gold-supported magnetically recyclable nanocatalysts: a sustainable solution for the reduction of 4-nitrophenol in water. <i>RSC Advances</i> , 2015 , 5, 5131-5141	3.7	55
10	Metallo(salen) complexes as versatile building blocks for the fabrication of molecular materials and devices with tuned properties. <i>Coordination Chemistry Reviews</i> , 2019 , 394, 104-134	23.2	49
9	Development of highly efficient Cu versus Pd catalysts supported on graphitic carbon materials for the reduction of 4-nitrophenol to 4-aminophenol at room temperature. <i>Carbon</i> , 2017 , 111, 150-161	10.4	43
8	Architected design of superparamagnetic FeO nanoparticles for application as MRI contrast agents: mastering size and magnetism for enhanced relaxivity. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 6261-6273	7.3	30
7	l-serine-functionalized montmorillonite decorated with Au nanoparticles: A new highly efficient catalyst for the reduction of 4-nitrophenol. <i>Journal of Catalysis</i> , 2018 , 361, 143-155	7.3	26
6	Highly Active Ruthenium Supported on Magnetically Recyclable Chitosan-Based Nanocatalyst for Nitroarenes Reduction. <i>ChemCatChem</i> , 2017 , 9, 3930-3941	5.2	20
5	Enantioselective arene epoxidation under mild conditions by Jacobsen catalyst: The role of protic solvent and co-catalyst in the activation of hydrogen peroxide. <i>Applied Catalysis A: General</i> , 2013 , 460-461, 116-123	5.1	16
4	Copper mesoporous materials as highly efficient recyclable catalysts for the reduction of 4-nitrophenol in aqueous media. <i>Polyhedron</i> , 2018 , 150, 69-76	2.7	15
3	Ru single atoms and nanoparticles on carbon nanotubes as multifunctional catalysts. <i>Dalton Transactions</i> , 2020 , 49, 10250-10260	4.3	7
2	Au/Ag nanoparticles-decorated TiO ₂ with enhanced catalytic activity for nitroarenes reduction. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 621, 126614	5.1	4
1	CuPd Bimetallic Nanoparticles Supported on Magnesium Oxide as an Active and Stable Catalyst for the Reduction of 4-Nitrophenol to 4-Aminophenol. <i>International Journal of Green Technology</i> , 2018 , 3, 51-62	2	2