Mariana Rocha

List of Publications by Year in Descending Order

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	Au/Ag nanoparticles-decorated TiO2 with enhanced catalytic activity for nitroarenes reduction. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2021**, 621, 126614	5.1	4
12	Ru single atoms and nanoparticles on carbon nanotubes as multifunctional catalysts. *Dalton Transactions*, **2020**, 49, 10250-10260	4.3	7
11	Metallo(salen) complexes as versatile building blocks for the fabrication of molecular materials and devices with tuned properties. *Coordination Chemistry Reviews*, **2019**, 394, 104-134	23.2	49
10	l-serine-functionalized montmorillonite decorated with Au nanoparticles: A new highly efficient catalyst for the reduction of 4-nitrophenol. *Journal of Catalysis*, **2018**, 361, 143-155	7.3	26
9	Copper mesoporous materials as highly efficient recyclable catalysts for the reduction of 4-nitrophenol in aqueous media. *Polyhedron*, **2018**, 150, 69-76	2.7	15
8	CuPd Bimetallic Nanoparticles Supported on Magnesium Oxide as an Active and Stable Catalyst for the Reduction of 4-Nitrophenol to 4-Aminophenol. *International Journal of Green Technology*, **2018**, 3, 51-62	2	2
7	Highly Active Ruthenium Supported on Magnetically Recyclable Chitosan-Based Nanocatalyst for Nitroarenes Reduction. *ChemCatChem*, **2017**, 9, 3930-3941	5.2	20
6	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. *Carbon*, **2017**, 111, 150-161	10.4	43
5	Architectured design of superparamagnetic FeO nanoparticles for application as MRI contrast agents: mastering size and magnetism for enhanced relaxivity. *Journal of Materials Chemistry B*, **2015**, 3, 6261-6273	7.3	30
4	Gold-supported magnetically recyclable nanocatalysts: a sustainable solution for the reduction of 4-nitrophenol in water. *RSC Advances*, **2015**, 5, 5131-5141	3.7	55
3	Enantioselective arene epoxidation under mild conditions by Jacobsen catalyst: The role of protic solvent and co-catalyst in the activation of hydrogen peroxide. *Applied Catalysis A: General*, **2013**, 460-461, 116-123	5.1	16
2	Photocatalytic degradation of Reactive Black 5 with TiO2-coated magnetic nanoparticles. *Catalysis Today*, **2013**, 209, 116-121	5.3	60
1	Superparamagnetic MFe2O4 (M = Fe, Co, Mn) Nanoparticles: Tuning the Particle Size and Magnetic Properties through a Novel One-Step Coprecipitation Route. *Chemistry of Materials*, **2012**, 24, 1496-1504	9.6	364