J SebastiÃ¡n Manzano

List of Publications by Year
in descending order

14	393	840776 11	1058476 14
papers	citations	h-index	g-index

16	16	16	608
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Selective Hydrogenation of Phenol Catalyzed by Palladium on High-Surface-Area Ceria at Room Temperature and Ambient Pressure. ACS Catalysis, 2015, 5, 2051-2061.	11.2	120
2	Direct 3D Printing of Catalytically Active Structures. ACS Catalysis, 2017, 7, 7567-7577.	11.2	51
3	Phosphate modified ceria as a BrÃ¸nsted acidic/redox multifunctional catalyst. Journal of Materials Chemistry A, 2017, 5, 4455-4466.	10.3	39
4	Automatic Generation of 3D-Printed Reactionware for Chemical Synthesis Digitization using ChemSCAD. ACS Central Science, 2021, 7, 212-218.	11.3	36
5	Recycled Sm-Co bonded magnet filaments for 3D printing of magnets. AIP Advances, 2018, 8, .	1.3	26
6	Polarity Control at Interfaces: Quantifying Pseudoâ€solvent Effects in Nanoâ€confined Systems. ChemPhysChem, 2016, 17, 2982-2986.	2.1	25
7	Silica-Supported Organolanthanum Catalysts for Câ€“O Bond Cleavage in Epoxides. Journal of the American Chemical Society, 2020, 142, 2935-2947.	13.7	23
8	High Throughput Screening of 3D Printable Resins: Adjusting the Surface and Catalytic Properties of Multifunctional Architectures. ACS Applied Polymer Materials, 2019, 1, 2890-2896.	4.4	14
9	Deactivation of Ceria Supported Palladium through Câ€“C Scission during Transfer Hydrogenation of Phenol with Alcohols. Journal of Physical Chemistry C, 2016, 120, 28067-28073.	3.1	13
10	Fine-tuning the release of molecular guests from mesoporous silicas by controlling the orientation and mobility of surface phenyl substituents. Chemical Engineering Journal, 2018, 340, 73-80.	12.7	13
11	Kinetics of the functionalization of mesoporous silica nanoparticles: Implications on surface group distributions, adsorption and catalysis. Microporous and Mesoporous Materials, 2020, 305, 110276.	4.4	12
12	Surface ligands enhance the catalytic activity of supported Au nanoparticles for the aerobic Î±-oxidation of amines to amides. Catalysis Science and Technology, 2022, 12, 1922-1933.	4.1	10
13	A theoretical study of the conformational preference of alkyl- and aryl-substituted pyrogallol[4]arenes and evidence of the accumulation of negative electrostatic potential within the cavity of theirrcccconformers. Molecular Simulation, 2014, 40, 327-334.	2.0	6
14	Macroscale Control of Reactivity using 3D Printed Materials with Intrinsic Catalytic Properties. Applied Catalysis A: General, 2020, 605, 117794.	4.3	5