

# J Sebastián Manzano

## List of Publications by Year in descending order

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14  
papers

393  
citations

840776

11  
h-index

1058476

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16  
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16  
docs citations

16  
times ranked

608  
citing authors

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