

# Teresita G Marzialetti

## List of Publications by Year in descending order

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16  
papers

711  
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1040056

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times ranked

1135  
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#	ARTICLE	IF	CITATIONS
1	A Simplified Kinetic Model for the Enantioselective Hydrogenation of 1-Phenyl-1,2-Propanedione over Ir/TiO <sub>2</sub> in the Presence of a Chiral Additive. <i>Industrial &amp; Engineering Chemistry Research</i> , 2022, 61, 6052-6056.	3.7	0
2	Dual antifungal activity against <i>Candida albicans</i> of copper metallic nanostructures and hierarchical copper oxide marigold-like nanostructures grown in situ in the culture medium. <i>Journal of Applied Microbiology</i> , 2021, 130, 1883-1892.	3.1	22
3	An in vitro study on the inhibition and ultrastructural alterations of <i>Candida albicans</i> biofilm by zinc oxide nanowires in a PMMA matrix. <i>Saudi Dental Journal</i> , 2021, 33, 944-953.	1.6	4
4	Reaction Mechanism of the Microwave-Assisted Synthesis of 5-Hydroxymethylfurfural from Sucrose in Sugar Beet Molasses. <i>Catalysts</i> , 2021, 11, 1458.	3.5	2
5	Mechanism and kinetic parameters of glucose and fructose dehydration to 5-hydroxymethylfurfural over solid phosphate catalysts in water. <i>Catalysis Today</i> , 2018, 302, 100-107.	4.4	29
6	Second-generation ethanol in Chile: optimisation of the autohydrolysis of <i>Eucalyptus globulus</i> . <i>Biomass Conversion and Biorefinery</i> , 2014, 4, 125-135.	4.6	8
7	CHIRAL Rh/SiO <sub>2</sub> CATALYSTS FOR ENANTIOSELECTIVE HYDROGENATION REACTIONS: THE ROLE OF (S,S)-DIPAMP AS CHIRAL MODIFIER AND STABILIZER ON METALLIC NANOPARTICLES SYNTHESIS. <i>Journal of the Chilean Chemical Society</i> , 2013, 58, 2125-2130.	1.2	3
8	Switchgrass pretreatment and hydrolysis using low concentrations of formic acid. <i>Journal of Chemical Technology and Biotechnology</i> , 2011, 86, 706-713.	3.2	29
9	Acid-Catalyzed Conversion of Sugars and Furfurals in an Ionic-Liquid Phase. <i>ChemSusChem</i> , 2009, 2, 665-671.	6.8	226
10	Quantitative solid state NMR analysis of residues from acid hydrolysis of loblolly pine wood. <i>Bioresource Technology</i> , 2009, 100, 4758-4765.	9.6	33
11	Ionic-Liquid-Phase Hydrolysis of Pine Wood. <i>Industrial &amp; Engineering Chemistry Research</i> , 2009, 48, 1277-1286.	3.7	144
12	Enantioselective hydrogenation of 1-phenyl-1,2-propanedione, ethyl pyruvate and acetophenone on Ir/SiO <sub>2</sub> catalysts. <i>Catalysis Today</i> , 2008, 133-135, 711-719.	4.4	35
13	Dilute Acid Hydrolysis of Loblolly Pine: A Comprehensive Approach. <i>Industrial &amp; Engineering Chemistry Research</i> , 2008, 47, 7131-7140.	3.7	141
14	Iridium-supported catalyst for enantioselective hydrogenation of 1-phenyl-1,2-propanedione: The effects of the addition of promoter and the modifier concentration. <i>Catalysis Today</i> , 2005, 107-108, 235-243.	4.4	25
15	Effect of the nature of the support on the enantioselective hydrogenation of 1-phenyl-1,2-propanedione over supported iridium catalysts. <i>Journal of the Chilean Chemical Society</i> , 2005, 50, .	1.2	8
16	The effect of preheating of nano-filler composite resins on their degree of conversion and microfiltration in dental fillings. <i>Polymer Bulletin</i> , 0, , 1.	3.3	2