

# Rodrigo Brackmann

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

219  
citations

1163117

8  
h-index

1058476

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

325  
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of LaCoO <sub>3</sub> , LaFeO <sub>3</sub> and LaCo <sub>0.5</sub> Fe <sub>0.5</sub> O <sub>3</sub> perovskites as catalyst precursors for syngas production by partial oxidation of methane. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 18178-18192.	7.1	58
2	LaCoO <sub>3</sub> perovskite on ceramic monoliths – Pre and post reaction analyzes of the partial oxidation of methane. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 13991-14007.	7.1	35
3	Partial oxidation of methane on neodymium and lanthanum chromate based perovskites for hydrogen production. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 8166-8177.	7.1	19
4	Synthesis and Characterization of Fe-Doped CeO <sub>2</sub> for Application in the NO Selective Catalytic Reduction by CO. <i>Topics in Catalysis</i> , 2016, 59, 1772-1786.	2.8	18
5	Experimental Design and Optimization of Triclosan and 2,8-Diclorodibenzeno-p-dioxina Degradation by the Fe/Nb <sub>2</sub> O <sub>5</sub> /UV System. <i>Catalysts</i> , 2019, 9, 343.	3.5	18
6	Effects of synthesis parameters on the properties and photocatalytic activity of the magnetic catalyst TiO <sub>2</sub> /CoFe <sub>2</sub> O <sub>4</sub> applied to selenium photoreduction. <i>Journal of Water Process Engineering</i> , 2021, 42, 102163.	5.6	18
7	CeO <sub>2</sub> -Fe <sub>2</sub> O <sub>3</sub> mixed oxides: Synthesis, characterization and evaluation in the photocatalytic degradation of nitroaromatic compounds from wastewater of the explosives industry. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 428, 113839.	3.9	11
8	Characterization of CeO <sub>2</sub> -Fe <sub>2</sub> O <sub>3</sub> Mixed Oxides: Influence of the Dopant on the Structure. <i>Topics in Catalysis</i> , 2018, 61, 1694-1706.	2.8	9
9	NO reduction by CO on Ce-Fe mixed oxides and gold nanoparticles. <i>Applied Catalysis A: General</i> , 2020, 600, 117601.	4.3	9
10	Sol-gel Fe/TiO <sub>2</sub> Magnetic Catalysts Applied to Selenium Photoreduction. <i>Topics in Catalysis</i> , 2020, 63, 1131-1144.	2.8	7
11	Corn Straw Residue: a Strategy for Lipase Immobilization. <i>Applied Biochemistry and Biotechnology</i> , 2020, 190, 839-850.	2.9	6
12	Paraquat degradation by photocatalysis: experimental desing and optimization. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2021, 56, 523-531.	1.5	5
13	17 $\beta$ -Ethinylestradiol Degradation in Continuous Process by Photocatalysis Using Ag/Nb <sub>2</sub> O <sub>5</sub> Immobilized in Biopolymer as Catalyst. <i>Topics in Catalysis</i> , 2022, 65, 1225-1234.	2.8	4
14	Immobilization of lipase from <i>Candida rugosa</i> onto niobium oxide. <i>Biocatalysis and Agricultural Biotechnology</i> , 2020, 30, 101812.	3.1	2