

# Edmilson Moura

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3126796/publications.pdf>

Version: 2024-02-01

18  
papers

321  
citations

1163117

8  
h-index

1125743

13  
g-index

18  
all docs

18  
docs citations

18  
times ranked

473  
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of natural antioxidants in soybean biodiesel. <i>Fuel</i> , 2014, 134, 420-428.	6.4	104
2	Synthesis and Characterization of Beef Tallow Biodiesel. <i>Energy &amp; Fuels</i> , 2010, 24, 4476-4480.	5.1	44
3	Effect of calcination temperature on the application of molybdenum trioxide acid catalyst: Screening of substrates for biodiesel production. <i>Fuel</i> , 2019, 239, 290-296.	6.4	42
4	Synthesis of highly dispersed gold nanoparticles on Al <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub> , and TiO <sub>2</sub> for the solvent-free oxidation of benzyl alcohol under low metal loadings. <i>Journal of Materials Science</i> , 2019, 54, 238-251.	3.7	34
5	Gold nanoparticles supported on magnesium ferrite and magnesium oxide for the selective oxidation of benzyl alcohol. <i>RSC Advances</i> , 2015, 5, 15035-15041.	3.6	23
6	Action of natural antioxidants on the oxidative stability of soy biodiesel during storage. <i>Fuel</i> , 2021, 288, 119632.	6.4	21
7	Magnesium surface enrichment of CoFe <sub>2</sub> O <sub>4</sub> magnetic nanoparticles immobilized with gold: reusable catalysts for green oxidation of benzyl alcohol. <i>RSC Advances</i> , 2018, 8, 3903-3909.	3.6	13
8	Preparation and Study of Bimetallic Compounds Efficiency in the Synthesis of Biodiesel Fuel. <i>Catalysis Letters</i> , 2009, 128, 392-400.	2.6	10
9	New biodegradable composites from starch and fibers of the babassu coconut. <i>Polimeros</i> , 2021, 31, .	0.7	9
10	Magnetic Materials Enriched with Strontium: a Study of the use as Catalysts in the Transesterification Reaction of Babassu Oil. <i>Materials Research</i> , 2019, 22, .	1.3	5
11	Reusable Heterogeneous SnO <sub>2</sub> /ZnO Catalyst for Biodiesel Production from Acidified/Acid Oils. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	4
12	Base-Free Benzyl Alcohol Aerobic Oxidation Catalyzed by AuPdNPs Supported on SBA-15 and TiO <sub>2</sub> /SBA-15 Mesoporous Materials. <i>Catalysis Letters</i> , 2022, 152, 585-599.	2.6	4
13	Gold Supported on Strontium Surface-Enriched CoFe <sub>2</sub> O <sub>4</sub> Nanoparticles: a Strategy for the Selective Oxidation of Benzyl Alcohol. <i>Journal of the Brazilian Chemical Society</i> , 2019, , .	0.6	3
14	Application of Glycerol in the Synthesis of Hyperbranched and Highly Branched Polyethers: Characterization, Morphology and Mechanism Proposal. <i>Materials Research</i> , 2019, 22, .	1.3	3
15	Accessing Basic Sites on Modified CoFe <sub>2</sub> O <sub>4</sub> Nanoparticles: Addressing the Selective e <sub>4</sub> Oxidation of Benzyl Alcohol and Unraveling the Au:Pd Ratio Effects by XPS. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	1
16	Screening of the Au:Pt Atomic Ratio Supported in SrCO <sub>3</sub> : Effects on the Performance of the Solvent-Free Oxidation of Benzyl Alcohol. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	1
17	Trimetallic nanotubes: A bifunctional substrate for the catalytic and spectroscopic study using Surface-enhanced Raman Spectroscopy. <i>Vibrational Spectroscopy</i> , 2021, 115, 103274.	2.2	0
18	Bimetallic Au-Pd/I <sub>±</sub> -MoO <sub>3</sub> Catalyst with High Oxygen Vacancies for Selective Oxidation of Cinnamyl Alcohol. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	0