

Aitziber Iriondo

List of Publications by Year in descending order

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17
papers

505
citations

840119

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940134

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17
all docs

17
docs citations

17
times ranked

785
citing authors

#	ARTICLE	IF	CITATIONS
1	Glycerol steam reforming over Ni catalysts supported on ceria and ceria-promoted alumina. International Journal of Hydrogen Energy, 2010, 35, 11622-11633.	3.8	184
2	2,5-DMF production through hydrogenation of real and synthetic 5-HMF over transition metal catalysts supported on carriers with different nature. Catalysis Today, 2017, 279, 286-295.	2.2	68
3	Bioethanol/glycerol mixture steam reforming over Pt and PtNi supported on lanthana or ceria doped alumina catalysts. International Journal of Hydrogen Energy, 2012, 37, 8298-8309.	3.8	55
4	Levulinic Acid Production Using Solid-Acid Catalysis. Industrial & Engineering Chemistry Research, 2016, 55, 5139-5144.	1.8	35
5	Hydrogenolysis of 5-Hydroxymethylfurfural To Produce 2,5-Dimethylfuran over ZrO ₂ Supported Cu and RuCu Catalysts. Industrial & Engineering Chemistry Research, 2018, 57, 11535-11546.	1.8	26
6	Bio n-Butanol Partial Oxidation to Butyraldehyde in Gas Phase on Supported Ru and Cu Catalysts. Catalysis Letters, 2012, 142, 417-426.	1.4	22
7	Hydrothermal stability improvement of NiPt-containing γ -Al ₂ O ₃ catalysts tested in aqueous phase reforming of glycerol/water mixture for H ₂ production. International Journal of Hydrogen Energy, 2017, 42, 23617-23630.	3.8	22
8	Ni-Cu Bimetallic Catalytic System for Producing 5-Hydroxymethylfurfural-Derived Value-Added Biofuels. ACS Sustainable Chemistry and Engineering, 2020, 8, 11183-11193.	3.2	22
9	Furanic biofuels production from biomass using Cu-based heterogeneous catalysts. Energy, 2019, 172, 531-544.	4.5	20
10	Value-Added Bio-Chemicals Commodities from Catalytic Conversion of Biomass Derived Furan-Compounds. Catalysts, 2020, 10, 895.	1.6	17
11	Heterogeneous Catalyzed Thermochemical Conversion of Lignin Model Compounds: An Overview. Topics in Current Chemistry, 2019, 377, 36.	3.0	13
12	Biobutanol Dehydrogenation to Butyraldehyde over Cu, Ru and Ru-Cu Supported Catalysts. Noble Metal Addition and Different Support Effects. Catalysis Letters, 2012, 142, 50-59.	1.4	8
13	HMF hydrogenolysis over carbon-supported Ni-Cu catalysts to produce hydrogenated biofuels. Energy, 2022, 255, 124437.	4.5	8
14	DECHLORINATION OF PLASTIC-RICH FRACTIONS REJECTED FROM WASTE ELECTRIC AND ELECTRONIC EQUIPMENT RECYCLING PLANTS BY MEANS OF STEPWISE PYROLYSIS FOR VALORIZATION. WIT Transactions on Ecology and the Environment, 2021, , .	0.0	3
15	Production of Furanic Biofuels with Zeolite and Metal Oxide Bifunctional Catalysts for Energy-and Product-Driven Biorefineries. Biofuels and Biorefineries, 2017, , 239-271.	0.5	1
16	Heterogeneous Catalyzed Thermochemical Conversion of Lignin Model Compounds: An Overview. Topics in Current Chemistry Collections, 2020, , 197-271.	0.2	1
17	Integración de TIC en el Área de Ingeniería. Diseño e implementación de actividades interactivas. Innovación Educativa, 2017, , 265.	0.2	0