

Sridhar Budhi

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

680
citations

840776

11
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

1026
citing authors

#	ARTICLE	IF	CITATIONS
1	Upgrading biomass pyrolysis vapors over β -zeolites: role of silica-to-alumina ratio. <i>Green Chemistry</i> , 2014, 16, 4891-4905.	9.0	91
2	Supported molybdenum oxides as effective catalysts for the catalytic fast pyrolysis of lignocellulosic biomass. <i>Green Chemistry</i> , 2016, 18, 5548-5557.	9.0	76
3	Catalytic fast pyrolysis of biomass: the reactions of water and aromatic intermediates produces phenols. <i>Green Chemistry</i> , 2015, 17, 4217-4227.	9.0	71
4	Influence of Crystal Allomorph and Crystallinity on the Products and Behavior of Cellulose during Fast Pyrolysis. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 4662-4674.	6.7	69
5	Rapid and facile synthesis of Ti-MCM-48 mesoporous material and the photocatalytic performance for hydrogen evolution. <i>International Journal of Hydrogen Energy</i> , 2010, 35, 5276-5283.	7.1	68
6	Influence of Ti-O-Si hetero-linkages in the photocatalytic degradation of Rhodamine B. <i>Catalysis Communications</i> , 2013, 31, 66-70.	3.3	54
7	Baeyer-Villiger oxidation of cyclic ketones using Fe containing MCM-48 cubic mesoporous materials. <i>Journal of Molecular Catalysis A</i> , 2010, 330, 66-72.	4.8	47
8	Molybdenum incorporated mesoporous silica catalyst for production of biofuels and value-added chemicals via catalytic fast pyrolysis. <i>Green Chemistry</i> , 2015, 17, 3035-3046.	9.0	45
9	Deactivation of Multilayered MFI Nanosheet Zeolite during Upgrading of Biomass Pyrolysis Vapors. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 5477-5484.	6.7	44
10	Catalytic Pyrolysis of Pine Over HZSM-5 with Different Binders. <i>Topics in Catalysis</i> , 2016, 59, 94-108.	2.8	32
11	Cosolvent-Induced Gelation and the Hydrothermal Enhancement of the Crystallinity of Titania-Silica Mixed Oxides for the Photocatalytic Remediation of Organic Pollutants. <i>Journal of Physical Chemistry C</i> , 2011, 115, 6126-6135.	3.1	29
12	Review of Nanoscale Materials in Chemistry: Environmental Applications. <i>ACS Symposium Series</i> , 2010, , 1-13.	0.5	12
13	Enhanced metal loading in SBA-15-type catalysts facilitated by salt addition: Synthesis, characterization and catalytic epoxide alcoholysis activity of molybdenum incorporated porous silica. <i>Applied Catalysis A: General</i> , 2014, 475, 469-476.	4.3	12
14	Synthesis of titania-silica xerogels by co-solvent induced gelation at ambient temperature. <i>Materials Letters</i> , 2011, 65, 2136-2138.	2.6	11
15	Mesoporous Titanium Dioxide. <i>ACS Symposium Series</i> , 2010, , 97-123.	0.5	8
16	Investigation of Room Temperature Synthesis of Titanium Dioxide Nanoclusters Dispersed on Cubic MCM-48 Mesoporous Materials. <i>Catalysts</i> , 2015, 5, 1603-1621.	3.5	8
17	Biomass derived metal carbide catalysts formed using a salt flux synthesis. <i>Materials Research Express</i> , 2019, 6, 115519.	1.6	3