

Robert M Baldwin

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

857
citations

840776

11
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

1241
citing authors

#	ARTICLE	IF	CITATIONS
1	A perspective on oxygenated species in the refinery integration of pyrolysis oil. <i>Green Chemistry</i> , 2014, 16, 407-453.	9.0	235
2	Lignin depolymerisation by nickel supported layered-double hydroxide catalysts. <i>Green Chemistry</i> , 2014, 16, 824-835.	9.0	161
3	Upgrading biomass pyrolysis vapors over β -zeolites: role of silica-to-alumina ratio. <i>Green Chemistry</i> , 2014, 16, 4891-4905.	9.0	91
4	Bio-oil Stabilization and Upgrading by Hot Gas Filtration. <i>Energy & Fuels</i> , 2013, 27, 3224-3238.	5.1	87
5	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
6	Mild Hydrotreating of Bio-Oil: Effect of Reaction Severity and Fate of Oxygenated Species. <i>Energy & Fuels</i> , 2011, 25, 3266-3274.	5.1	64
7	Improving biomass pyrolysis economics by integrating vapor and liquid phase upgrading. <i>Green Chemistry</i> , 2018, 20, 567-582.	9.0	55
8	Effects of cross-linking and spacer groups on beta-cyclodextrin bonded liquid chromatographic separation. <i>Korean Journal of Chemical Engineering</i> , 2004, 21, 465-468.	2.7	25
9	The Effect of Heating Rate and Gas Atmosphere on Template Decomposition in Silicalite-1. <i>Industrial & Engineering Chemistry Research</i> , 2001, 40, 4844-4849.	3.7	19
10	Isotopic Studies for Tracking Biogenic Carbon during Co-processing of Biomass and Vacuum Gas Oil. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 2652-2664.	6.7	14
11	Pyrolysis and hydrolysis of two carbonaceous Australian oil shales in supercritical toluene and tetralin. <i>Fuel</i> , 1987, 66, 353-357.	6.4	12
12	Liquid chromatographic separation of xylene isomers on β -cyclodextrin bonded phases. <i>Korean Journal of Chemical Engineering</i> , 2002, 19, 876-879.	2.7	7
13	Hydroprocessing of stuart a (Australian) oil shale. <i>Fuel Processing Technology</i> , 1984, 9, 109-116.	7.2	5
14	Upgrading Bio-oil: Catalysis and Refinery. , 2019, , 111-151.		3
15	Correlation of Coal Properties with Hydroliquefaction Reactivity. <i>ACS Symposium Series</i> , 1991, , 171-181.	0.5	2
16	Effect of Mild Chemical Pretreatment on Liquefaction Reactivity of Argonne Coals. <i>ACS Symposium Series</i> , 1991, , 260-272.	0.5	1
17	A study of direct loading of beta-cyclodextrins on glass beads as chromatographic separators. <i>Korean Journal of Chemical Engineering</i> , 2003, 20, 528-531.	2.7	1
18	Short Contact Time Thermal Reactivity of Coal-Derived Residuum. <i>Energy Sources Part A Recovery, Utilization, and Environmental Effects</i> , 1989, 11, 19-37.	0.5	0