

Robert M Baldwin

List of Publications by Year in descending order

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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	Isotopic Studies for Tracking Biogenic Carbon during Co-processing of Biomass and Vacuum Gas Oil. ACS Sustainable Chemistry and Engineering, 2020, 8, 2652-2664.	6.7	14
2	Upgrading Bio-oil: Catalysis and Refinery. , 2019, , 111-151.		3
3	Improving biomass pyrolysis economics by integrating vapor and liquid phase upgrading. Green Chemistry, 2018, 20, 567-582.	9.0	55
4	Catalytic fast pyrolysis of biomass: the reactions of water and aromatic intermediates produces phenols. Green Chemistry, 2015, 17, 4217-4227.	9.0	71
5	Upgrading biomass pyrolysis vapors over β -zeolites: role of silica-to-alumina ratio. Green Chemistry, 2014, 16, 4891-4905.	9.0	91
6	Lignin depolymerisation by nickel supported layered-double hydroxide catalysts. Green Chemistry, 2014, 16, 824-835.	9.0	161
7	A perspective on oxygenated species in the refinery integration of pyrolysis oil. Green Chemistry, 2014, 16, 407-453.	9.0	235
8	Bio-oil Stabilization and Upgrading by Hot Gas Filtration. Energy & Fuels, 2013, 27, 3224-3238.	5.1	87
9	Mild Hydrotreating of Bio-Oil: Effect of Reaction Severity and Fate of Oxygenated Species. Energy & Fuels, 2011, 25, 3266-3274.	5.1	64
10	Effects of cross-linking and spacer groups on beta-cyclodextrin bonded liquid chromatographic separation. Korean Journal of Chemical Engineering, 2004, 21, 465-468.	2.7	25
11	A study of direct loading of beta-cyclodextrins on glass beads as chromatographic separators. Korean Journal of Chemical Engineering, 2003, 20, 528-531.	2.7	1
12	Liquid chromatographic separation of xylene isomers on β -cyclodextrin bonded phases. Korean Journal of Chemical Engineering, 2002, 19, 876-879.	2.7	7
13	The Effect of Heating Rate and Gas Atmosphere on Template Decomposition in Silicalite-1. Industrial & Engineering Chemistry Research, 2001, 40, 4844-4849.	3.7	19
14	Effect of Mild Chemical Pretreatment on Liquefaction Reactivity of Argonne Coals. ACS Symposium Series, 1991, , 260-272.	0.5	1
15	Correlation of Coal Properties with Hydroliquefaction Reactivity. ACS Symposium Series, 1991, , 171-181.	0.5	2
16	Short Contact Time Thermal Reactivity of Coal-Derived Residuum. Energy Sources Part A Recovery, Utilization, and Environmental Effects, 1989, 11, 19-37.	0.5	0
17	Pyrolysis and hydrolysis of two carbonaceous Australian oil shales in supercritical toluene and tetralin. Fuel, 1987, 66, 353-357.	6.4	12
18	Hydroprocessing of stuart a (Australian) oil shale. Fuel Processing Technology, 1984, 9, 109-116.	7.2	5