

Joseph B Binder

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11461082/publications.pdf>

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10
papers

2,747
citations

933410

10
h-index

1281846

11
g-index

13
all docs

13
docs citations

13
times ranked

3541
citing authors

#	ARTICLE	IF	CITATIONS
1	Simple Chemical Transformation of Lignocellulosic Biomass into Furans for Fuels and Chemicals. <i>Journal of the American Chemical Society</i> , 2009, 131, 1979-1985.	13.7	1,343
2	Fermentable sugars by chemical hydrolysis of biomass. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 4516-4521.	7.1	429
3	Synthesis of Furfural from Xylose and Xylan. <i>ChemSusChem</i> , 2010, 3, 1268-1272.	6.8	230
4	Reactions of lignin model compounds in ionic liquids. <i>Biomass and Bioenergy</i> , 2009, 33, 1122-1130.	5.7	200
5	Mechanistic insights on the conversion of sugars into 5-hydroxymethylfurfural. <i>Energy and Environmental Science</i> , 2010, 3, 765.	30.8	170
6	Olefin metathesis for chemical biology. <i>Current Opinion in Chemical Biology</i> , 2008, 12, 767-773.	6.1	119
7	Olefin Metathesis in Homogeneous Aqueous Media Catalyzed by Conventional Ruthenium Catalysts. <i>Organic Letters</i> , 2007, 9, 4885-4888.	4.6	96
8	Salicylaldimine Ruthenium Alkylidene Complexes: Metathesis Catalysts Tuned for Protic Solvents. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 395-404.	4.3	77
9	Conversion of biomass to sugars via ionic liquid hydrolysis: process synthesis and economic evaluation. <i>Biofuels, Bioproducts and Biorefining</i> , 2012, 6, 444-452.	3.7	63
10	Separable fluororous ionic liquids for the dissolution and saccharification of cellulose. <i>Green Chemistry</i> , 2011, 13, 2719.	9.0	18