

Joseph B Binder

List of Publications by Year in descending order

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

Version: 2024-02-01

10
papers

2,747
citations

933447

10
h-index

1281871

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