

John C Degenstein

List of Publications by Year in descending order

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6
papers

208
citations

1478505

6
h-index

1872680

6
g-index

6
all docs

6
docs citations

6
times ranked

350
citing authors

#	ARTICLE	IF	CITATIONS
1	High-pressure fast-pyrolysis, fast-hydrolysis and catalytic hydrodeoxygenation of cellulose: production of liquid fuel from biomass. <i>Green Chemistry</i> , 2014, 16, 792.	9.0	96
2	On-Line Mass Spectrometric Methods for the Determination of the Primary Products of Fast Pyrolysis of Carbohydrates and for Their Gas-Phase Manipulation. <i>Analytical Chemistry</i> , 2013, 85, 10927-10934.	6.5	41
3	Fast Pyrolysis of ¹³ C-Labeled Cellobioses: Gaining Insights into the Mechanisms of Fast Pyrolysis of Carbohydrates. <i>Journal of Organic Chemistry</i> , 2015, 80, 1909-1914.	3.2	37
4	Initial Products and Reaction Mechanisms for Fast Pyrolysis of Synthetic Lignin Oligomers with 4 Linkages via On-Line Mass Spectrometry and Quantum Chemical Calculations. <i>ChemistrySelect</i> , 2017, 2, 7185-7193.	1.5	12
5	Exploring the Reaction Mechanisms of Fast Pyrolysis of Xylan Model Compounds via Tandem Mass Spectrometry and Quantum Chemical Calculations. <i>Journal of Physical Chemistry A</i> , 2019, 123, 9149-9157.	2.5	12
6	Mass Spectrometric Studies of Fast Pyrolysis of Cellulose. <i>European Journal of Mass Spectrometry</i> , 2015, 21, 321-326.	1.0	10