

Paul Kärrner

List of Publications by Year in descending order

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papers

215
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1307594

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275
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinetic study on the impact of acidity and acid concentration on the formation of 5-hydroxymethylfurfural (HMF), humins, and levulinic acid in the hydrothermal conversion of fructose. <i>Biomass Conversion and Biorefinery</i> , 2021, 11, 1155-1170.	4.6	42
2	Hydrothermal Degradation of Amino Acids. <i>ChemSusChem</i> , 2021, 14, 4947-4957.	6.8	24
3	Nitrogen-Containing Hydrochar: The Influence of Nitrogen-Containing Compounds on the Hydrochar Formation. <i>ChemistryOpen</i> , 2020, 9, 864-873.	1.9	15
4	Calculating the Reaction Order and Activation Energy for the Hydrothermal Carbonization of Fructose. <i>Chemie-Ingenieur-Technik</i> , 2020, 92, 692-700.	0.8	11
5	Influence of the pH Value on the Hydrothermal Degradation of Fructose. <i>ChemistryOpen</i> , 2019, 8, 1121-1132.	1.9	27
6	Effect of salt on the formation of 5-hydroxymethylfurfural from ketohexoses under aqueous conditions. <i>Reaction Chemistry and Engineering</i> , 2019, 4, 747-762.	3.7	11
7	The effect of different Brønsted acids on the hydrothermal conversion of fructose to HMF. <i>Green Chemistry</i> , 2018, 20, 2231-2241.	9.0	85