Ryan J Stoklosa

List of Publications by Year
in descending order

19	614	777949 13	1113639 15
papers	citations	h-index	g-index

19	19	19	1013
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Butyric Acid Generation by Clostridium tyrobutyricum from Low-Moisture Anhydrous Ammonia (LMAA) Pretreated Sweet Sorghum Bagasse. Applied Biochemistry and Biotechnology, 2021, 193, 761-776.	1.4	7
2	Deriving Biofuels and Value-Added Co-Products fromSorghum bicolor: Prospects in Biorefinery Applications and Product Development. ACS Symposium Series, 2020, , 43-62.	0.5	0
3	Influence of phenolic acid content on the antioxidant capacity of hemicellulose from sorghum plant fractions. BioResources, 2020, 15, 7933-7953.	0.5	1
4	Xylose-Enriched Ethanol Fermentation Stillage from Sweet Sorghum for Xylitol and Astaxanthin Production. Fermentation, 2019, 5, 84.	1.4	12
5	Phaffia rhodozyma cultivation on structural and non-structural sugars from sweet sorghum for astaxanthin generation. Process Biochemistry, 2019, 83, 9-17.	1.8	35
6	Evaluation of arabinoxylan isolated from sorghum bran, biomass, and bagasse for film formation. Carbohydrate Polymers, 2019, 213, 382-392.	5.1	17
7	Utilization of Sweet Sorghum Juice for the Production of Astaxanthin as a Biorefinery Co-Product by Phaffia rhodozyma. ACS Sustainable Chemistry and Engineering, 2018, 6, 3124-3134.	3.2	27
8	Integrated experimental and technoeconomic evaluation of two-stage Cu-catalyzed alkalineâ€“oxidative pretreatment of hybrid poplar. Biotechnology for Biofuels, 2018, 11, 143.	6.2	18
9	Production of single cell protein from agro-waste using Rhodococcus opacus. Journal of Industrial Microbiology and Biotechnology, 2018, 45, 795-801.	1.4	47
10	Conversion of corn stover alkaline pre-treatment waste streams into biodiesel via Rhodococci. RSC Advances, 2017, 7, 4108-4115.	1.7	51
11	Techno-economic comparison of centralized versus decentralized biorefineries for two alkaline pretreatment processes. Bioresource Technology, 2017, 226, 9-17.	4.8	33
12	Predicting lignin depolymerization yields from quantifiable properties using fractionated biorefinery lignins. Green Chemistry, 2017, 19, 5131-5143.	4.6	74
13	Isolation and Characterization of Organosolv and Alkaline Lignins from Hardwood and Softwood Biomass. ACS Sustainable Chemistry and Engineering, 2016, 4, 5181-5193.	3.2	113
14	Effective alkaline metal-catalyzed oxidative delignification of hybrid poplar. Biotechnology for Biofuels, 2016, 9, 34.	6.2	36
15	Fractionation and Improved Enzymatic Deconstruction of Hardwoods with Alkaline Delignification. Bioenergy Research, 2015, 8, 1224-1234.	2.2	33
16	Integration of (Hemi)-Cellulosic Biofuels Technologies with Chemical Pulp Production. , 2014, , 73-100.		12
17	Correlating lignin structural features to phase partitioning behavior in a novel aqueous fractionation of softwood Kraft black liquor. Green Chemistry, 2013, 15, 2904.	4.6	50
18	Extraction, Recovery, and Characterization of Hardwood and Grass Hemicelluloses for Integration into Biorefining Processes. Industrial & Engineering Chemistry Research, 2012, 51, 11045-11053.	1.8	45

#	Article	IF	Citations
19	Application of Diffusion-Ordered NMR Spectroscopy to the Characterization of Sweet Sorghum Bagasse Lignin Isolated After Low Moisture Anhydrous Ammonia (LMAA) Pretreatment. Bioenergy Research, 0, , 1.	2.2	3