

Christos K Nitsos

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

1,172
citations

686830

13
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1058022

14
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docs citations

17
times ranked

1598
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalytic fast pyrolysis of beech wood lignin isolated by different biomass (pre)treatment processes: Organosolv, hydrothermal and enzymatic hydrolysis. <i>Applied Catalysis A: General</i> , 2021, 623, 118298.	2.2	35
2	Current and novel approaches to downstream processing of microalgae: A review. <i>Biotechnology Advances</i> , 2020, 45, 107650.	6.0	62
3	Enhancing Lignocellulosic Biomass Hydrolysis by Hydrothermal Pretreatment, Extraction of Surface Lignin, Wet Milling and Production of Cellulolytic Enzymes. <i>ChemSusChem</i> , 2019, 12, 1179-1195.	3.6	70
4	Investigation of different pretreatment methods of Mediterranean-type ecosystem agricultural residues: characterisation of pretreatment products, high-solids enzymatic hydrolysis and bioethanol production. <i>Biofuels</i> , 2018, 9, 545-558.	1.4	32
5	A comparative study of the enzymatic hydrolysis of batch organosolv-pretreated birch and spruce biomass. <i>AMB Express</i> , 2018, 8, 114.	1.4	13
6	A novel hybrid organosolv: steam explosion method for the efficient fractionation and pretreatment of birch biomass. <i>Biotechnology for Biofuels</i> , 2018, 11, 160.	6.2	97
7	Organosolv Fractionation of Softwood Biomass for Biofuel and Biorefinery Applications. <i>Energies</i> , 2018, 11, 50.	1.6	86
8	High-Titer Methane from Organosolv-Pretreated Spruce and Birch. <i>Energies</i> , 2017, 10, 263.	1.6	21
9	Optimization of Hydrothermal Pretreatment of Hardwood and Softwood Lignocellulosic Residues for Selective Hemicellulose Recovery and Improved Cellulose Enzymatic Hydrolysis. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 4529-4544.	3.2	151
10	Isolation and Characterization of Organosolv and Alkaline Lignins from Hardwood and Softwood Biomass. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 5181-5193.	3.2	113
11	Evaluation of Mediterranean Agricultural Residues as a Potential Feedstock for the Production of Biogas via Anaerobic Fermentation. <i>BioMed Research International</i> , 2015, 2015, 1-6.	0.9	17
12	Optimization of Hydrothermal Pretreatment of Lignocellulosic Biomass in the Bioethanol Production Process. <i>ChemSusChem</i> , 2013, 6, 110-122.	3.6	264
13	The Role of Catalytic Pretreatment in Biomass Valorization Toward Fuels and Chemicals. , 2013, , 217-260.		6
14	Biofuels Get in the Fast Lane: Developments in Plant Feedstock Production and Processing. <i>Advances in Crop Science and Technology</i> , 2013, 01, .	0.4	0
15	Catalytic upgrading of lignocellulosic biomass pyrolysis vapours: Effect of hydrothermal pre-treatment of biomass. <i>Catalysis Today</i> , 2011, 167, 37-45.	2.2	140
16	SIMULTANEOUS DETERMINATION OF NITRITE AND NITRATE IN DRINKING WATER AND HUMAN SERUM BY HIGH PERFORMANCE ANION-EXCHANGE CHROMATOGRAPHY AND UV DETECTION. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1999, 22, 2023-2041.	0.5	63