

Eric Husson

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

740
citations

430874

18
h-index

677142

22
g-index

23
all docs

23
docs citations

23
times ranked

900
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving the environmental compatibility of enzymatic synthesis of sugar-based surfactants using green reaction media. <i>Process Biochemistry</i> , 2022, 117, 30-41.	3.7	7
2	Straightforward extraction and selective bioconversion of high purity chitin from <i>Bombyx eri</i> larva: Toward an integrated insect biorefinery. <i>Carbohydrate Polymers</i> , 2020, 228, 115382.	10.2	38
3	Low temperature ionic liquid pretreatment of lignocellulosic biomass to enhance bioethanol yield. <i>Renewable Energy</i> , 2020, 145, 1808-1816.	8.9	113
4	New biobased-zwitterionic ionic liquids: efficiency and biocompatibility for the development of sustainable biorefinery processes. <i>Green Chemistry</i> , 2020, 22, 2935-2946.	9.0	26
5	Acidic Ionic Liquid as Both Solvent and Catalyst for Fast Chemical Esterification of Industrial Lignins: Performances and Regioselectivity. <i>Frontiers in Chemistry</i> , 2019, 7, 578.	3.6	21
6	Wheat Bran Pretreatment by Room Temperature Ionic Liquid-Water Mixture: Optimization of Process Conditions by PLS-Surface Response Design. <i>Frontiers in Chemistry</i> , 2019, 7, 585.	3.6	15
7	Sequential and simultaneous strategies for biorefining of wheat straw using room temperature ionic liquids, xylanases and cellulases. <i>Bioresource Technology</i> , 2018, 251, 280-287.	9.6	39
8	<i>Kluyveromyces marxianus</i> , an Attractive Yeast for Ethanolic Fermentation in the Presence of Imidazolium Ionic Liquids. <i>International Journal of Molecular Sciences</i> , 2018, 19, 887.	4.1	20
9	Simultaneous pretreatment and enzymatic saccharification of (ligno) celluloses in aqueous-ionic liquid media: A compromise. <i>Biochemical Engineering Journal</i> , 2017, 117, 77-86.	3.6	29
10	Enzymatic Transesterification of Kraft Lignin with Long Acyl Chains in Ionic Liquids. <i>Molecules</i> , 2015, 20, 16334-16353.	3.8	20
11	Impact of two ionic liquids, 1-ethyl-3-methylimidazolium acetate and 1-ethyl-3-methylimidazolium methylphosphonate, on <i>Saccharomyces cerevisiae</i> : metabolic, physiologic, and morphological investigations. <i>Biotechnology for Biofuels</i> , 2015, 8, 17.	6.2	48
12	Efficient enzymatic saccharification of <i>Miscanthus</i> : Energy-saving by combining dilute acid and ionic liquid pretreatments. <i>Biomass and Bioenergy</i> , 2014, 62, 82-92.	5.7	32
13	Enzymatic saccharification and structural properties of industrial wood sawdust: Recycled ionic liquids pretreatments. <i>Energy Conversion and Management</i> , 2014, 88, 1094-1103.	9.2	65
14	Selective anthocyanins enrichment of cranberry juice by electro dialysis with ultrafiltration membranes stacked. <i>Innovative Food Science and Emerging Technologies</i> , 2013, 17, 153-162.	5.6	23
15	Selective anthocyanins enrichment of cranberry juice by electro dialysis with filtration membrane: Influence of membranes characteristics. <i>Journal of Membrane Science</i> , 2013, 448, 114-124.	8.2	19
16	Use of an electro dialytic reactor for the simultaneous β -lactoglobulin enzymatic hydrolysis and fractionation of generated bioactive peptides. <i>Food Chemistry</i> , 2013, 136, 1193-1202.	8.2	33
17	Mild pretreatment and enzymatic saccharification of cellulose with recycled ionic liquids towards one-batch process. <i>Carbohydrate Polymers</i> , 2012, 90, 805-813.	10.2	57
18	Enzymatic acylation of the polar dipeptide, carnosine: Reaction performances in organic and aqueous media. <i>Process Biochemistry</i> , 2011, 46, 945-952.	3.7	26

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19	Enzymatic hydrolysis of ionic liquid-pretreated celluloses: Contribution of CP-MAS 13C NMR and SEM. <i>Bioresource Technology</i> , 2011, 102, 7335-7342.	9.6	56
20	Enzymatic acylation of a bifunctional molecule in 2-methyl-2-butanol: Kinetic modelling. <i>Enzyme and Microbial Technology</i> , 2010, 46, 338-346.	3.2	10
21	Enzymatic acylation of polar dipeptides: Influence of reaction media and molecular environment of functional groups. <i>Process Biochemistry</i> , 2009, 44, 428-434.	3.7	16
22	Chemo-selectivity of the N,O-enzymatic acylation in organic media and in ionic liquids. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2008, 55, 110-117.	1.8	26