

# Remedios YÃ¡ez DÃ-az

## List of Publications by Year in descending order

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53  
papers

2,115  
citations

218677

26  
h-index

233421

45  
g-index

53  
all docs

53  
docs citations

53  
times ranked

2478  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prebiotic potential of pectins and pectic oligosaccharides derived from lemon peel wastes and sugar beet pulp: A comparative evaluation. <i>Journal of Functional Foods</i> , 2016, 20, 108-121.	3.4	225
2	Pectic oligosaccharides: Manufacture and functional properties. <i>Trends in Food Science and Technology</i> , 2013, 30, 153-161.	15.1	187
3	Recovery of high value-added compounds from pineapple, melon, watermelon and pumpkin processing by-products: An overview. <i>Food Research International</i> , 2020, 132, 109086.	6.2	117
4	l-Lactic acid production from apple pomace by sequential hydrolysis and fermentation. <i>Bioresource Technology</i> , 2008, 99, 308-319.	9.6	114
5	Production of oligosaccharides and sugars from rye straw: A kinetic approach. <i>Bioresource Technology</i> , 2010, 101, 6676-6684.	9.6	89
6	Influence of bulking agent on sewage sludge composting process. <i>Bioresource Technology</i> , 2009, 100, 5827-5833.	9.6	84
7	Production of D(-)-lactic acid from cellulose by simultaneous saccharification and fermentation using <i>Lactobacillus coryniformis</i> subsp. <i>torquens</i> . <i>Biotechnology Letters</i> , 2003, 25, 1161-1164.	2.2	79
8	Pectic Oligosaccharides from Lemon Peel Wastes: Production, Purification, and Chemical Characterization. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 10043-10053.	5.2	73
9	Valorization of peanut shells: Manufacture of bioactive oligosaccharides. <i>Carbohydrate Polymers</i> , 2018, 183, 21-28.	10.2	64
10	SSF production of lactic acid from cellulosic biosludges. <i>Bioresource Technology</i> , 2008, 99, 4247-4254.	9.6	62
11	Valorization of <i>Eucalyptus nitens</i> bark by organosolv pretreatment for the production of advanced biofuels. <i>Industrial Crops and Products</i> , 2019, 132, 327-335.	5.2	59
12	D-Lactic acid production from waste cardboard. <i>Journal of Chemical Technology and Biotechnology</i> , 2005, 80, 76-84.	3.2	58
13	Coproduction of Oligosaccharides and Glucose from Corncobs by Hydrothermal Processing and Enzymatic Hydrolysis. <i>Industrial &amp; Engineering Chemistry Research</i> , 2008, 47, 1336-1345.	3.7	55
14	Chemical Production of Pectic Oligosaccharides from Orange Peel Wastes. <i>Industrial &amp; Engineering Chemistry Research</i> , 2010, 49, 8470-8476.	3.7	54
15	Pectic oligosaccharides production from orange peel waste by enzymatic hydrolysis. <i>International Journal of Food Science and Technology</i> , 2012, 47, 747-754.	2.7	52
16	Processing of <i>Acacia dealbata</i> in Aqueous Media: First Step of a Wood Biorefinery. <i>Industrial &amp; Engineering Chemistry Research</i> , 2009, 48, 6618-6626.	3.7	51
17	<i>Leucaena</i> species valoration for biomass and paper production in 1 and 2 year harvest. <i>Bioresource Technology</i> , 2008, 99, 4846-4853.	9.6	43
18	Production of hemicellulosic sugars and glucose from residual corrugated cardboard. <i>Process Biochemistry</i> , 2004, 39, 1543-1551.	3.7	41

#	ARTICLE	IF	CITATIONS
19	Integral valorization of two legumes by autohydrolysis and organosolv delignification. <i>Bioresource Technology</i> , 2009, 100, 440-445.	9.6	41
20	Assessment of the prebiotic effect of quinoa and amaranth in the human intestinal ecosystem. <i>Food and Function</i> , 2016, 7, 3782-3788.	4.6	41
21	Manufacture and Properties of Glucomannans and Glucomannooligosaccharides Derived from Konjac and Other Sources. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 2019-2031.	5.2	37
22	The effect of acid stress on lactate production and growth kinetics in <i>Lactobacillus rhamnosus</i> cultures. <i>Process Biochemistry</i> , 2008, 43, 356-361.	3.7	36
23	Direct Enzymatic Production of Oligosaccharide Mixtures from Sugar Beet Pulp: Experimental Evaluation and Mathematical Modeling. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 5510-5517.	5.2	36
24	Production of pectin-derived oligosaccharides from lemon peels by extraction, enzymatic hydrolysis and membrane filtration. <i>Journal of Chemical Technology and Biotechnology</i> , 2016, 91, 234-247.	3.2	34
25	Kinetic assessment on the autohydrolysis of pectin-rich by-products. <i>Chemical Engineering Journal</i> , 2010, 162, 480-486.	12.7	31
26	Enzymatic saccharification of hydrogen peroxide-treated solids from hydrothermal processing of rice husks. <i>Process Biochemistry</i> , 2006, 41, 1244-1252.	3.7	30
27	Identification and Recovery of Valuable Bioactive Compounds from Potato Peels: A Comprehensive Review. <i>Antioxidants</i> , 2021, 10, 1630.	5.1	26
28	Experimental evaluation of alkaline treatment as a method for enhancing the enzymatic digestibility of autohydrolysed <i>Acacia dealbata</i> . <i>Journal of Chemical Technology and Biotechnology</i> , 2009, 84, 1070-1077.	3.2	24
29	Optimization of the Methylation Conditions of Kraft Cellulose Pulp for Its Use As a Thickener Agent in Biodegradable Lubricating Greases. <i>Industrial &amp; Engineering Chemistry Research</i> , 2009, 48, 6765-6771.	3.7	24
30	Biorefinery processes for the integral valorization of agroindustrial and forestal wastes Procesos de biorrefinería para la valorización integral de residuos agroindustriales y forestales. <i>CYTA - Journal of Food</i> , 2011, 9, 282-289.	1.9	21
31	Recent advances to recover value-added compounds from avocado by-products following a biorefinery approach. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2021, 28, 100433.	5.9	20
32	Environmentally Friendly Hydrothermal Processing of Melon by-Products for the Recovery of Bioactive Pectic-Oligosaccharides. <i>Foods</i> , 2020, 9, 1702.	4.3	19
33	Valorization of an invasive woody species, <i>Acacia dealbata</i> , by means of Ionic liquid pretreatment and enzymatic hydrolysis. <i>Journal of Chemical Technology and Biotechnology</i> , 2014, 89, 1337-1343.	3.2	18
34	Exploiting the Potential of Bioactive Molecules Extracted by Ultrasounds from Avocado Peels – Food and Nutraceutical Applications. <i>Antioxidants</i> , 2021, 10, 1475.	5.1	18
35	Valorisation of a leguminous specie, <i>Sesbania grandiflora</i> , by means of hydrothermal fractionation. <i>Bioresource Technology</i> , 2009, 100, 6514-6523.	9.6	17
36	Kinetic modelling of mancozeb hydrolysis and photolysis to ethylenethiourea and other by-products in water. <i>Water Research</i> , 2016, 102, 561-571.	11.3	16

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37	A biorefinery approach based on fractionation with a cheap industrial by-product for getting value from an invasive woody species. <i>Bioresource Technology</i> , 2014, 173, 301-308.	9.6	13
38	Application of an eco-friendly sodium acetate/urea deep eutectic solvent in the valorization of melon by-products. <i>Food and Bioproducts Processing</i> , 2021, 130, 216-228.	3.6	13
39	Selective organic compounds degradation under controlling composting conditions. <i>Waste Management</i> , 2010, 30, 755-763.	7.4	11
40	Sugar production from cellulosic biosludges generated in a water treatment plant of a Kraft pulp mill. <i>Biochemical Engineering Journal</i> , 2007, 37, 319-327.	3.6	10
41	Modelling of parameters for optimization of maturity in composting trimming residues. <i>Bioresource Technology</i> , 2009, 100, 5859-5864.	9.6	10
42	Neural Models for Optimizing Lignocellulosic Residues Composting Process. <i>Waste and Biomass Valorization</i> , 2012, 3, 319-331.	3.4	9
43	Kinetics of 5-hydroxymethylfurfural production from monosaccharides in media containing an ionic liquid and a solid acid catalyst. <i>BioResources</i> , 2017, 12, 8402-8418.	1.0	9
44	Production and Emerging Applications of Bioactive Oligosaccharides from Biomass Hemicelluloses by Hydrothermal Processing. , 2017, , 253-283.		8
45	A Comparative Assessment on the Recovery of Pectin and Phenolic Fractions from Aqueous and DES Extracts Obtained from Melon Peels. <i>Food and Bioprocess Technology</i> , 2022, 15, 1406-1421.	4.7	8
46	Integral valorization of <i>Acacia dealbata</i> wood in organic medium catalyzed by an acidic ionic liquid. <i>Bioresource Technology</i> , 2021, 342, 126013.	9.6	7
47	Totally Chlorine Free Bleaching of Organosolv Pulps. <i>Journal of Wood Chemistry and Technology</i> , 2003, 23, 161-178.	1.7	6
48	Modelling the isothermal degradation kinetics of metrafenone and mepanipyrin in a grape juice analog. <i>Food Research International</i> , 2018, 108, 339-346.	6.2	5
49	Influence of Environmental Parameters on the Composting Kinetic of Lignocellulosic Residues. <i>Compost Science and Utilization</i> , 2008, 16, 132-138.	1.2	3
50	Extraction of Oligosaccharides With Prebiotic Properties From Agro-Industrial Wastes. , 2017, , 131-161.		3
51	Evaluating Environmental Parameters for Minimum Ammonium Losses during Composting of Trimming Residues. <i>Journal of the Air and Waste Management Association</i> , 2009, 59, 790-800.	1.9	3
52	Recovery of High Value-Added Compounds from Food By-Product. <i>Foods</i> , 2022, 11, 1670.	4.3	1
53	Environmentally friendly technologies for obtaining high sugars concentrations from invasive woody species. <i>AIMS Environmental Science</i> , 2015, 2, 884-898.	1.4	0