

# Ana Gutierrez

## List of Publications by Year in descending order

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124  
papers

8,603  
citations

34076

52  
h-index

48277

88  
g-index

127  
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127  
docs citations

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times ranked

6963  
citing authors

#	ARTICLE	IF	CITATIONS
1	Flavonoids naringenin chalcone, naringenin, dihydrotricin, and tricic are lignin monomers in papyrus. <i>Plant Physiology</i> , 2022, 188, 208-219.	2.3	28
2	<i>Pseudochrobactrum algeriensis</i> sp. nov., isolated from lymph nodes of Algerian cattle. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2022, 72, .	0.8	6
3	Unconventional lignin monomers—Extension of the lignin paradigm. <i>Advances in Botanical Research</i> , 2022, , 1-39.	0.5	13
4	Induced lignin—suberin vascular coating and tyramine—derived hydroxycinnamic acid amides restrict <i>Ralstonia solanacearum</i> colonization in resistant tomato. <i>New Phytologist</i> , 2022, 234, 1411-1429.	3.5	26
5	Papyrus production revisited: differences between ancient and modern production modes. <i>Cellulose</i> , 2022, 29, 4931-4950.	2.4	6
6	Differences in the content, composition and structure of the lignins from rind and pith of papyrus ( <i>Cyperus papyrus</i> L.) culms. <i>Industrial Crops and Products</i> , 2021, 174, 114226.	2.5	12
7	Fatty acid epoxidation by <i>Collariella virescens</i> peroxygenase and heme-channel variants. <i>Catalysis Science and Technology</i> , 2020, 10, 717-725.	2.1	29
8	Fatty-Acid Oxygenation by Fungal Peroxygenases: From Computational Simulations to Preparative Regio- and Stereoselective Epoxidation. <i>ACS Catalysis</i> , 2020, 10, 13584-13595.	5.5	25
9	Deciphering the Unique Structure and Acylation Pattern of <i>Posidonia oceanica</i> Lignin. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 12521-12533.	3.2	24
10	Lignin from Tree Barks: Chemical Structure and Valorization. <i>ChemSusChem</i> , 2020, 13, 4537-4547.	3.6	33
11	Lignin Monomers from beyond the Canonical Monolignol Biosynthetic Pathway: Another Brick in the Wall. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 4997-5012.	3.2	184
12	Two New Unspecific Peroxygenases from Heterologous Expression of Fungal Genes in <i>Escherichia coli</i> . <i>Applied and Environmental Microbiology</i> , 2020, 86, .	1.4	43
13	Selective Oxygenation of Ionones and Damascones by Fungal Peroxygenases. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 5375-5383.	2.4	13
14	Comparative Recalcitrance and Extractability of Cell Wall Polysaccharides from Cereal (Wheat, Rye,) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i> 7192-7204.	3.2	17
15	Modulating Fatty Acid Epoxidation vs Hydroxylation in a Fungal Peroxygenase. <i>ACS Catalysis</i> , 2019, 9, 6234-6242.	5.5	54
16	Hydroxystilbene Glucosides Are Incorporated into Norway Spruce Bark Lignin. <i>Plant Physiology</i> , 2019, 180, 1310-1321.	2.3	43
17	Selective synthesis of 4-hydroxyisophorone and 4-ketoisophorone by fungal peroxygenases. <i>Catalysis Science and Technology</i> , 2019, 9, 1398-1405.	2.1	26
18	Structural Characterization of Lignin from Maize ( <i>Zea mays</i> L.) Fibers: Evidence for Diferuloylputrescine Incorporated into the Lignin Polymer in Maize Kernels. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 4402-4413.	2.4	38

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19	Selective synthesis of the resveratrol analogue 4,4-dihydroxy- <i>trans</i> -stilbene and stilbenoids modification by fungal peroxygenases. <i>Catalysis Science and Technology</i> , 2018, 8, 2394-2401.	2.1	28
20	Variability in Lignin Composition and Structure in Cell Walls of Different Parts of Macaãba ( <i>Acrocomia aculeata</i> ) Palm Fruit. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 138-153.	2.4	70
21	Structural characteristics of lignin in pruning residues of olive tree ( <i>Olea europaea</i> L.). <i>Holzforschung</i> , 2018, 73, 25-34.	0.9	18
22	A commercial laccase-mediator system to delignify and improve saccharification of the fast-growing <i>Paulownia fortunei</i> (Seem.) Hemsl.. <i>Holzforschung</i> , 2018, 73, 45-54.	0.9	13
23	Selective Epoxidation of Fatty Acids and Fatty Acid Methyl Esters by Fungal Peroxygenases. <i>ChemCatChem</i> , 2018, 10, 3964-3968.	1.8	26
24	Hydroxystilbenes Are Monomers in Palm Fruit Endocarp Lignins. <i>Plant Physiology</i> , 2017, 174, 2072-2082.	2.3	90
25	Fatty Acid Chain Shortening by a Fungal Peroxygenase. <i>Chemistry - A European Journal</i> , 2017, 23, 16985-16989.	1.7	37
26	Delignification and Saccharification Enhancement of Sugarcane Byproducts by a Laccase-Based Pretreatment. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 7145-7154.	3.2	53
27	Effects of Fe deficiency on the protein profiles and lignin composition of stem tissues from <i>Medicago truncatula</i> in absence or presence of calcium carbonate. <i>Journal of Proteomics</i> , 2016, 140, 1-12.	1.2	12
28	Lignin-carbohydrate complexes from sisal ( <i>Agave sisalana</i> ) and abaca ( <i>Musa textilis</i> ): chemical composition and structural modifications during the isolation process. <i>Planta</i> , 2016, 243, 1143-1158.	1.6	37
29	From Alkanes to Carboxylic Acids: Terminal Oxygenation by a Fungal Peroxygenase. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12248-12251.	7.2	43
30	From Alkanes to Carboxylic Acids: Terminal Oxygenation by a Fungal Peroxygenase. <i>Angewandte Chemie</i> , 2016, 128, 12436-12439.	1.6	14
31	Ferulates and lignin structural composition in cork. <i>Holzforschung</i> , 2016, 70, 275-289.	0.9	53
32	Molecular determinants for selective C <sup>25</sup> -hydroxylation of vitamins D <sup>2</sup> and D <sup>3</sup> by fungal peroxygenases. <i>Catalysis Science and Technology</i> , 2016, 6, 288-295.	2.1	29
33	Chemical composition and thermal behavior of the pulp and kernel oils from macauba palm () Tj ETQq1 1 0.784314,rgBT /Overlock 10	2.5	63
34	Lipophilic phytochemicals from sugarcane bagasse and straw. <i>Industrial Crops and Products</i> , 2015, 77, 992-1000.	2.5	44
35	Cell wall modifications triggered by the down-regulation of Coumarate 3-hydroxylase-1 in maize. <i>Plant Science</i> , 2015, 236, 272-282.	1.7	44
36	Steroid Hydroxylation by Basidiomycete Peroxygenases: a Combined Experimental and Computational Study. <i>Applied and Environmental Microbiology</i> , 2015, 81, 4130-4142.	1.4	36

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37	Isolation and Structural Characterization of the Milled Wood Lignin, Dioxane Lignin, and Cellulolytic Lignin Preparations from Brewer's Spent Grain. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 603-613.	2.4	110
38	Regioselective Hydroxylation in the Production of 25-Hydroxyvitamin D by <i>Coprinopsis cinerea</i> Peroxygenase. <i>ChemCatChem</i> , 2015, 7, 283-290.	1.8	23
39	5-Hydroxymethylfurfural conversion by fungal aryl alcohol oxidase and unspecific peroxygenase. <i>FEBS Journal</i> , 2015, 282, 3218-3229.	2.2	132
40	Isolation and Structural Characterization of Lignin from Cardoon ( <i>Cynara cardunculus</i> L.) Stalks. <i>Bioenergy Research</i> , 2015, 8, 1946-1955.	2.2	13
41	Differences in the chemical structure of the lignins from sugarcane bagasse and straw. <i>Biomass and Bioenergy</i> , 2015, 81, 322-338.	2.9	227
42	Demonstration of Lignin-to-Peroxidase Direct Electron Transfer. <i>Journal of Biological Chemistry</i> , 2015, 290, 23201-23213.	1.6	30
43	In-Depth 2D NMR Study of Lignin Modification During Pretreatment of Eucalyptus Wood with Laccase and Mediators. <i>Bioenergy Research</i> , 2015, 8, 211-230.	2.2	35
44	Analysis of the <i>Phlebiopsis gigantea</i> Genome, Transcriptome and Secretome Provides Insight into Its Pioneer Colonization Strategies of Wood. <i>PLoS Genetics</i> , 2014, 10, e1004759.	1.5	90
45	Structural insights on laccase biografting of ferulic acid onto lignocellulosic fibers. <i>Biochemical Engineering Journal</i> , 2014, 86, 16-23.	1.8	20
46	Analysis of lignin-carbohydrate and lignin-lignin linkages after hydrolase treatment of xylan-lignin, glucomannan-lignin and glucan-lignin complexes from spruce wood. <i>Planta</i> , 2014, 239, 1079-90.	1.6	73
47	Comprehensive Study of Valuable Lipophilic Phytochemicals in Wheat Bran. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 1664-1673.	2.4	50
48	Search, engineering, and applications of new oxidative biocatalysts. <i>Biofuels, Bioproducts and Biorefining</i> , 2014, 8, 819-835.	1.9	16
49	Enzymatic degradation of Elephant grass ( <i>Pennisetum purpureum</i> ) stems: Influence of the pith and bark in the total hydrolysis. <i>Bioresource Technology</i> , 2014, 167, 469-475.	4.8	19
50	Pretreatment with laccase and a phenolic mediator degrades lignin and enhances saccharification of Eucalyptus feedstock. <i>Biotechnology for Biofuels</i> , 2014, 7, 6.	6.2	161
51	Understanding Pulp Delignification by Laccase-Mediator Systems through Isolation and Characterization of Lignin-Carbohydrate Complexes. <i>Biomacromolecules</i> , 2013, 14, 3073-3080.	2.6	44
52	Oxyfunctionalization of aliphatic compounds by a recombinant peroxygenase from <i>Coprinopsis cinerea</i> . <i>Biotechnology and Bioengineering</i> , 2013, 110, 2323-2332.	1.7	77
53	Chemical composition of lipids in brewer's spent grain: A promising source of valuable phytochemicals. <i>Journal of Cereal Science</i> , 2013, 58, 248-254.	1.8	73
54	Structural Characterization of Lignin Isolated from Coconut ( <i>Cocos nucifera</i> ) Coir Fibers. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 2434-2445.	2.4	130

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55	Modification of the Lignin Structure during Alkaline Delignification of Eucalyptus Wood by Kraft, Soda-AQ, and Soda-O <sub>2</sub> Cooking. <i>Industrial &amp; Engineering Chemistry Research</i> , 2013, 52, 15702-15712.	1.8	67
56	A Comprehensive Characterization of Lipids in Wheat Straw. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 1904-1913.	2.4	34
57	Structural Modifications of Residual Lignins from Sisal and Flax Pulps during Soda-AQ Pulping and TCF/ECF Bleaching. <i>Industrial &amp; Engineering Chemistry Research</i> , 2013, 52, 4695-4703.	1.8	13
58	Identification and functional analysis of the cyclopropane fatty acid synthase of <i>Brucella abortus</i> . <i>Microbiology (United Kingdom)</i> , 2012, 158, 1037-1044.	0.7	17
59	Demonstration of laccase-based removal of lignin from wood and non-wood plant feedstocks. <i>Bioresource Technology</i> , 2012, 119, 114-122.	4.8	130
60	Lipophilic Extractives from the Cortex and Pith of Elephant Grass ( <i>Pennisetum purpureum</i> Schumach.) Stems. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 6408-6417.	2.4	34
61	Structural Characterization of Wheat Straw Lignin as Revealed by Analytical Pyrolysis, 2D-NMR, and Reductive Cleavage Methods. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 5922-5935.	2.4	650
62	Structural Characterization of the Lignin in the Cortex and Pith of Elephant Grass ( <i>Pennisetum</i> )	2.4	172
63	Morphological characteristics and composition of lipophilic extractives and lignin in Brazilian woods from different eucalypt hybrids. <i>Industrial Crops and Products</i> , 2012, 36, 572-583.	2.5	32
64	Origin of the acetylated structures present in white birch ( <i>Betula pendula</i> Roth) milled wood lignin. <i>Wood Science and Technology</i> , 2012, 46, 459-471.	1.4	17
65	Structural Characterization of Guaiacyl-rich Lignins in Flax ( <i>Linum usitatissimum</i> ) Fibers and Shives. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 11088-11099.	2.4	92
66	Regioselective oxygenation of fatty acids, fatty alcohols and other aliphatic compounds by a basidiomycete heme-thiolate peroxidase. <i>Archives of Biochemistry and Biophysics</i> , 2011, 514, 33-43.	1.4	76
67	Selective lignin and polysaccharide removal in natural fungal decay of wood as evidenced by <i>in situ</i> structural analyses. <i>Environmental Microbiology</i> , 2011, 13, 96-107.	1.8	93
68	Exploring the potential of fungal manganese-containing lipoxygenase for pitch control and pulp delignification. <i>Bioresource Technology</i> , 2011, 102, 1338-1343.	4.8	7
69	Towards industrially-feasible delignification and pitch removal by treating paper pulp with <i>Myceliophthora thermophila</i> laccase and a phenolic mediator. <i>Bioresource Technology</i> , 2011, 102, 6717-6722.	4.8	71
70	Lignin Composition and Structure in Young versus Adult <i>Eucalyptus globulus</i> Plants. <i>Plant Physiology</i> , 2011, 155, 667-682.	2.3	263
71	Acetylated heteroxylan from <i>Agave sisalana</i> and its behavior in alkaline pulping and TCF/ECF bleaching. <i>Carbohydrate Polymers</i> , 2010, 81, 517-523.	5.1	30
72	Polymerization of lignosulfonates by the laccase-HBT (1-hydroxybenzotriazole) system improves dispersibility. <i>Bioresource Technology</i> , 2010, 101, 5054-5062.	4.8	112

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73	Enzymatic grafting of simple phenols on flax and sisal pulp fibres using laccases. <i>Bioresource Technology</i> , 2010, 101, 8211-8216.	4.8	83
74	Lipophilic extractives from several nonwoody lignocellulosic crops (flax, hemp, sisal, abaca) and their fate during alkaline pulping and TCF/ECF bleaching. <i>Bioresource Technology</i> , 2010, 101, 260-267.	4.8	43
75	Delignification of eucalypt kraft pulp with manganese-substituted polyoxometalate assisted by fungal versatile peroxidase. <i>Bioresource Technology</i> , 2010, 101, 5935-5940.	4.8	19
76	Kinetic and chemical characterization of aldehyde oxidation by fungal aryl-alcohol oxidase. <i>Biochemical Journal</i> , 2010, 425, 585-593.	1.7	69
77	Sterols and lignin in <i>Eucalyptus globulus</i> Labill. wood: Spatial distribution and fungal removal as revealed by microscopy and chemical analyses. <i>Holzforchung</i> , 2009, 63, 362-370.	0.9	16
78	HSQC-NMR analysis of lignin in woody ( <i>Eucalyptus globulus</i> and <i>Picea abies</i> ) and non-woody ( <i>Agave sisalana</i> ) ball-milled plant materials at the gel state 10 <sup>th</sup> EWLP, Stockholm, Sweden, August 25 <sup>th</sup> -28, 2008. <i>Holzforchung</i> , 2009, 63, 691-698.	0.9	130
79	Isolation and structural characterization of the milled-wood lignin from <i>Paulownia fortunei</i> wood. <i>Industrial Crops and Products</i> , 2009, 30, 137-143.	2.5	135
80	Chemical composition of lipophilic extractives from jute ( <i>Corchorus capsularis</i> ) fibers used for manufacturing of high-quality paper pulps. <i>Industrial Crops and Products</i> , 2009, 30, 241-249.	2.5	15
81	Microbial and enzymatic control of pitch in the pulp and paper industry. <i>Applied Microbiology and Biotechnology</i> , 2009, 82, 1005-1018.	1.7	91
82	Influence of operation conditions on laccase-mediator removal of sterols from eucalypt pulp. <i>Process Biochemistry</i> , 2009, 44, 1032-1038.	1.8	18
83	Enzymatic delignification of plant cell wall: from nature to mill. <i>Current Opinion in Biotechnology</i> , 2009, 20, 348-357.	3.3	271
84	Structural Characterization of the Lignin from Jute ( <i>Corchorus capsularis</i> ) Fibers. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 10271-10281.	2.4	163
85	Oxidative degradation of model lipids representative for main paper pulp lipophilic extractives by the laccase $\alpha$ -mediator system. <i>Applied Microbiology and Biotechnology</i> , 2008, 80, 211-222.	1.7	31
86	Monolignol acylation and lignin structure in some nonwoody plants: A 2D NMR study. <i>Phytochemistry</i> , 2008, 69, 2831-2843.	1.4	197
87	Chemical composition of lignin and lipids from tagasaste ( <i>Chamaecytisus proliferus</i> spp. <i>palmensis</i> ). <i>Industrial Crops and Products</i> , 2008, 28, 29-36.	2.5	13
88	Chemical composition of lipophilic extractives from sisal ( <i>Agave sisalana</i> ) fibers. <i>Industrial Crops and Products</i> , 2008, 28, 81-87.	2.5	55
89	Highly Acylated (Acetylated and/or <i>p</i> -Coumaroylated) Native Lignins from Diverse Herbaceous Plants. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 9525-9534.	2.4	172
90	Structural characterization of milled wood lignins from different eucalypt species. <i>Holzforchung</i> , 2008, 62, 514-526.	0.9	147

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91	Structural modification of eucalypt pulp lignin in a totally chlorine-free bleaching sequence including a laccase-mediator stage. <i>Holzforschung</i> , 2007, 61, 634-646.	0.9	62
92	Lipid and lignin composition of woods from different eucalypt species. <i>Holzforschung</i> , 2007, 61, 165-174.	0.9	83
93	Removal of Lipophilic Extractives from Paper Pulp by Laccase and Lignin-Derived Phenols as Natural Mediators. <i>Environmental Science &amp; Technology</i> , 2007, 41, 4124-4129.	4.6	91
94	Lignin Modification during Eucalyptus globulus Kraft Pulping Followed by Totally Chlorine-Free Bleaching: A Two-Dimensional Nuclear Magnetic Resonance, Fourier Transform Infrared, and Pyrolysis-Gas Chromatography/Mass Spectrometry Study. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 3477-3490.	2.4	118
95	Occurrence of Naturally Acetylated Lignin Units. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 5461-5468.	2.4	173
96	Chemical Characterization of Lignin and Lipophilic Fractions from Leaf Fibers of Curaua (Ananas) Tj ETQq0 0 0 rgBT/Overlock_10 Tf 50 5	2.4	37
97	Paper pulp delignification using laccase and natural mediators. <i>Enzyme and Microbial Technology</i> , 2007, 40, 1264-1271.	1.6	228
98	Composition of non-woody plant lignins and cinnamic acids by Py-GC/MS, Py/TMAH and FT-IR. <i>Journal of Analytical and Applied Pyrolysis</i> , 2007, 79, 39-46.	2.6	167
99	Presence of 5-hydroxyguaiacyl units as native lignin constituents in plants as seen by Py-GC/MS. <i>Journal of Analytical and Applied Pyrolysis</i> , 2007, 79, 33-38.	2.6	24
100	Chemical characterization of the lipophilic fraction of giant reed ( <i>Arundo donax</i> ) fibres used for pulp and paper manufacturing. <i>Industrial Crops and Products</i> , 2007, 26, 229-236.	2.5	38
101	Phenylphenalenone Type Compounds from the Leaf Fibers of Abaca ( <i>Musa textilis</i> ). <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 8744-8748.	2.4	16
102	Chemical Composition of Abaca ( <i>Musa textilis</i> ) Leaf Fibers Used for Manufacturing of High Quality Paper Pulps. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 4600-4610.	2.4	57
103	Enzymatic Removal of Free and Conjugated Sterols Forming Pitch Deposits in Environmentally Sound Bleaching of Eucalypt Paper Pulp. <i>Environmental Science &amp; Technology</i> , 2006, 40, 3416-3422.	4.6	47
104	Chemical Characterization of Lignin and Lipid Fractions in Industrial Hemp Bast Fibers Used for Manufacturing High-Quality Paper Pulps. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 2138-2144.	2.4	68
105	Determining the influence of eucalypt lignin composition in paper pulp yield using Py-GC/MS. <i>Journal of Analytical and Applied Pyrolysis</i> , 2005, 74, 110-115.	2.6	157
106	Chemical characterization of pitch deposits produced in the manufacturing of high-quality paper pulps from hemp fibers. <i>Bioresource Technology</i> , 2005, 96, 1445-1450.	4.8	44
107	Chemical characterization of residual lignins from eucalypt paper pulps. <i>Journal of Analytical and Applied Pyrolysis</i> , 2005, 74, 116-122.	2.6	68
108	Identification of intact long-chain-hydroxycinnamate esters in leaf fibers of abaca ( <i>Musa textilis</i> ) using gas chromatography/mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 2691-2696.	0.7	22



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109	Isolation of high-purity residual lignins from eucalypt paper pulps by cellulase and proteinase treatments followed by solvent extraction. <i>Enzyme and Microbial Technology</i> , 2004, 35, 173-181.	1.6	38
110	Efficient bleaching of non-wood high-quality paper pulp using laccase-mediator system. <i>Enzyme and Microbial Technology</i> , 2004, 35, 113-120.	1.6	164
111	Chemical Characterization of Lignin and Lipid Fractions in Kenaf Bast Fibers Used for Manufacturing High-Quality Papers. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 4764-4773.	2.4	37
112	Hydrolysis of sterol esters by an esterase from <i>Ophiostoma piceae</i> : application to pitch control in pulping of <i>Eucalyptus globulus</i> wood. <i>International Journal of Biotechnology</i> , 2004, 6, 367.	1.2	12
113	A comprehensive study of different types of speck impurities present in bleached eucalypt kraft pulps using PY-GC/MS. <i>Journal of Analytical and Applied Pyrolysis</i> , 2003, 68-69, 251-268.	2.6	5
114	Lipids from Flax Fibers and Their Fate in Alkaline Pulping. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 4965-4971.	2.4	37
115	Production of New Unsaturated Lipids during Wood Decay by Ligninolytic Basidiomycetes. <i>Applied and Environmental Microbiology</i> , 2002, 68, 1344-1350.	1.4	69
116	Identification of a novel series of alkylitaconic acids in wood cultures of <i>Ceriporiopsis subvermisporaby</i> gas chromatography/mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2002, 16, 62-68.	0.7	10
117	Lipophilic extractives in process waters during manufacturing of totally chlorine free kraft pulp from eucalypt wood. <i>Chemosphere</i> , 2001, 44, 1237-1242.	4.2	28
118	Gas chromatography/mass spectrometry demonstration of steryl glycosides in eucalypt wood, Kraft pulp and process liquids. <i>Rapid Communications in Mass Spectrometry</i> , 2001, 15, 2515-2520.	0.7	55
119	Analysis of pitch deposits produced in Kraft pulp mills using a totally chlorine free bleaching sequence. <i>Journal of Chromatography A</i> , 2000, 874, 235-245.	1.8	57
120	Fungal Pretreatment of <i>Eucalyptus</i> Wood Can Strongly Decrease the Amount of Lipophilic Extractives during Chlorine Free Kraft Pulping. <i>Environmental Science &amp; Technology</i> , 2000, 34, 3705-3709.	4.6	25
121	Analysis of impurities occurring in a totally chlorine free-bleached Kraft pulp. <i>Journal of Chromatography A</i> , 1999, 830, 227-232.	1.8	25
122	Characterization of organic deposits produced in the kraft pulping of <i>Eucalyptus globulus</i> wood. <i>Journal of Chromatography A</i> , 1998, 823, 457-465.	1.8	65
123	Analysis of lipophilic extractives from wood and pitch deposits by solid-phase extraction and gas chromatography. <i>Journal of Chromatography A</i> , 1998, 823, 449-455.	1.8	104
124	Structural characterization of extracellular polysaccharides produced by fungi from the genus <i>Pleurotus</i> . <i>Carbohydrate Research</i> , 1996, 281, 143-154.	1.1	136