

# Dmitry V Evtuguin

## List of Publications by Citations

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194  
papers

5,052  
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59  
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198  
ext. papers

5,681  
ext. citations

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avg, IF

5.72  
L-index

#	Paper	IF	Citations
194	Thermophysical Characterization of Ionic Liquids Able To Dissolve Biomass. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2011</b> , 56, 4813-4822	2.8	254
193	Comprehensive study on the chemical structure of dioxane lignin from plantation Eucalyptus globulus wood. <i>Journal of Agricultural and Food Chemistry</i> , <b>2001</b> , 49, 4252-61	5.7	183
192	Characterization of an acetylated heteroxylan from Eucalyptus globulus Labill. <i>Carbohydrate Research</i> , <b>2003</b> , 338, 597-604	2.9	169
191	Enzymatic saccharification of biologically pre-treated wheat straw with white-rot fungi. <i>Bioresource Technology</i> , <b>2010</b> , 101, 6045-50	11	126
190	Alternatives for lignocellulosic pulp delignification using polyoxometalates and oxygen: a review. <i>Green Chemistry</i> , <b>2007</b> , 9, 717	10	106
189	Chemical composition of grape stalks of Vitis vinifera L. from red grape pomaces. <i>Industrial Crops and Products</i> , <b>2012</b> , 35, 178-184	5.9	98
188	Synthesis and characterisation of cellulose/silica hybrids obtained by heteropoly acid catalysed sol-gel process. <i>Materials Science and Engineering C</i> , <b>2007</b> , 27, 172-179	8.3	90
187	(2-O-alpha-D-galactopyranosyl-4-O-methyl-alpha-D-glucurono)-D-xylan from Eucalyptus globulus Labill. <i>Carbohydrate Research</i> , <b>1999</b> , 320, 93-9	2.9	88
186	Chemical characterisation of bark and of alkaline bark extracts from maritime pine grown in Portugal. <i>Industrial Crops and Products</i> , <b>2002</b> , 16, 23-32	5.9	80
185	Sulfonated graphene oxide as effective catalyst for conversion of 5-(hydroxymethyl)-2-furfural into biofuels. <i>ChemSusChem</i> , <b>2014</b> , 7, 804-12	8.3	75
184	Effect of Structural Features of Wood Biopolymers on Hardwood Pulping and Bleaching Performance. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2005</b> , 44, 9777-9784	3.9	75
183	Structural characterization of the lignin from the nodes and internodes of Arundo donax reed. <i>Journal of Agricultural and Food Chemistry</i> , <b>2000</b> , 48, 817-24	5.7	73
182	Chemical composition of different morphological parts from Dwarf Cavendish banana plant and their potential as a non-wood renewable source of natural products. <i>Industrial Crops and Products</i> , <b>2007</b> , 26, 163-172	5.9	68
181	Structure of hardwood glucuronoxylans: modifications and impact on pulp retention during wood kraft pulping. <i>Carbohydrate Polymers</i> , <b>2005</b> , 60, 489-497	10.3	68
180	Polyurethanes based on oxygen-organosolv lignin. <i>European Polymer Journal</i> , <b>1998</b> , 34, 1163-1169	5.2	65
179	Enzymatic saccharification and bioethanol production from Cynara cardunculus pretreated by steam explosion. <i>Bioresource Technology</i> , <b>2015</b> , 186, 309-315	11	63
178	Isolation and characterization of acetylated glucuronarabinoxylan from sugarcane bagasse and straw. <i>Carbohydrate Polymers</i> , <b>2017</b> , 156, 223-234	10.3	61

177	Second-generation bioethanol from eucalypt sulphite spent liquor. <i>Bioresource Technology</i> , <b>2010</b> , 101, 2755-61	11	61
176	Chemical Composition of Spent Liquors from Acidic Magnesium-Based Sulphite Pulping of Eucalyptus globulus. <i>Journal of Wood Chemistry and Technology</i> , <b>2009</b> , 29, 322-336	2	60
175	Chemical composition and structural features of the macromolecular components of Hibiscus cannabinus grown in Portugal. <i>Industrial Crops and Products</i> , <b>1996</b> , 5, 189-196	5.9	57
174	Application of Electrospray Ionization Mass Spectrometry to the Elucidation of the Primary Structure of Lignin. <i>Macromolecular Bioscience</i> , <b>2003</b> , 3, 339-343	5.5	56
173	Oxidative delignification in the presence of molybdovanadophosphate heteropolyanions: mechanism and kinetic studies. <i>Applied Catalysis A: General</i> , <b>1998</b> , 167, 123-139	5.1	55
172	Oxygen bleaching of kraft pulp with polyoxometalates and laccase applying a novel multi-stage process. <i>Journal of Molecular Catalysis B: Enzymatic</i> , <b>2005</b> , 33, 57-64		55
171	Towards comprehensive utilization of winemaking residues: Characterization of grape skins from red grape pomaces of variety Touriga Nacional. <i>Industrial Crops and Products</i> , <b>2013</b> , 43, 25-32	5.9	54
170	Variations in chemical composition and structure of macromolecular components in different morphological regions and maturity stages of Arundo donax. <i>Industrial Crops and Products</i> , <b>1997</b> , 6, 51-58	5.9	54
169	Isolation and structural characterization of polysaccharides dissolved in Eucalyptus globulus kraft black liquors. <i>Carbohydrate Polymers</i> , <b>2005</b> , 60, 77-85	10.3	53
168	Kinetics of Eucalypt Lignosulfonate Oxidation to Aromatic Aldehydes by Oxygen in Alkaline Medium. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2011</b> , 50, 291-298	3.9	52
167	BEHAVIOR OF EUCALYPTUS GLOBULUS LIGNIN DURING KRAFT PULPING. II. ANALYSIS BY NMR, ESI/MS, AND GPC. <i>Journal of Wood Chemistry and Technology</i> , <b>2002</b> , 22, 109-125	2	49
166	VOC emissions from residential combustion of Southern and mid-European woods. <i>Atmospheric Environment</i> , <b>2014</b> , 83, 90-98	5.3	48
165	Structural characterization of stalk lignin from banana plant. <i>Industrial Crops and Products</i> , <b>2009</b> , 29, 86-95	5.9	45
164	Structure of Lignosulphonates from Acidic Magnesium-Based Sulphite Pulping of Eucalyptus globulus. <i>Journal of Wood Chemistry and Technology</i> , <b>2009</b> , 29, 337-357	2	45
163	Lignin aerobic oxidation promoted by molybdovanadophosphate polyanion [PMo7V5O40]8- Study on the oxidative cleavage of $\beta$ -O-4 aryl ether structures using model compounds. <i>Journal of Molecular Catalysis A</i> , <b>2000</b> , 154, 217-224		45
162	Structural characterization of the acetylated heteroxylan from the natural hybrid Paulownia elongata/Paulownia fortunei. <i>Carbohydrate Research</i> , <b>2008</b> , 343, 256-66	2.9	44
161	Integrated utilization of grape skins from white grape pomaces. <i>Industrial Crops and Products</i> , <b>2013</b> , 49, 286-291	5.9	43
160	Preparation and properties of cellulose/silica hybrid composites. <i>Polymer Composites</i> , <b>2009</b> , 30, 1275-1282		42

159	Effect of oxygen, ozone and hydrogen peroxide bleaching stages on the contents and composition of extractives of Eucalyptus globulus kraft pulps. <i>Bioresource Technology</i> , <b>2006</b> , 97, 420-8	11	42
158	Novel bioemulsifier produced by a Paenibacillus strain isolated from crude oil. <i>Microbial Cell Factories</i> , <b>2015</b> , 14, 14	6.4	41
157	Sequential microwave superheated water extraction of mannans from spent coffee grounds. <i>Carbohydrate Polymers</i> , <b>2014</b> , 103, 333-8	10.3	41
156	Advances in ethanol production from hardwood spent sulphite liquors. <i>Process Biochemistry</i> , <b>2013</b> , 48, 272-282	4.8	40
155	Structural characterization of polysaccharides isolated from grape stalks of Vitis vinifera L. <i>Carbohydrate Research</i> , <b>2012</b> , 356, 252-9	2.9	40
154	Recent Advances in the Production and Applications of Ellagic Acid and Its Derivatives. A Review. <i>Molecules</i> , <b>2020</b> , 25,	4.8	38
153	Lignin-based polyurethane doped with carbon nanotubes for sensor applications. <i>Polymer International</i> , <b>2012</b> , 61, 788-794	3.3	38
152	A novel approach for the oxidative catalysis employing polyoxometalate/laccase system: application to the oxygen bleaching of kraft pulp. <i>Catalysis Communications</i> , <b>2004</b> , 5, 485-489	3.2	38
151	Effect of Glucuronoxylan on the Hornification of Eucalyptus globulus Bleached Pulps. <i>Macromolecular Symposia</i> , <b>2005</b> , 232, 121-128	0.8	36
150	Polyoxometalate/laccase-mediated oxidative polymerization of catechol for textile dyeing. <i>Applied Microbiology and Biotechnology</i> , <b>2011</b> , 89, 981-7	5.7	35
149	Oxygen bleaching of kraft pulp catalysed by Mn(III)-substituted polyoxometalates. <i>Applied Catalysis A: General</i> , <b>2003</b> , 239, 157-168	5.1	35
148	Chemical composition and structural features of the macromolecular components of plantation Acacia mangium wood. <i>Journal of Agricultural and Food Chemistry</i> , <b>2005</b> , 53, 7856-62	5.7	34
147	Cellulose degradation in the reaction system O <sub>2</sub> /heteropolyanions of series [PMo(12B)VnO <sub>40</sub> ](3+n) <i>Carbohydrate Polymers</i> , <b>2000</b> , 43, 23-32	10.3	34
146	Structural Characterization of the Bark and Core Lignins from Kenaf (Hibiscus cannabinus). <i>Journal of Agricultural and Food Chemistry</i> , <b>1998</b> , 46, 3100-3108	5.7	34
145	Electrospray Ionization Mass Spectrometry as a Tool for Lignins Molecular Weight and Structural Characterisation. <i>Holzforschung</i> , <b>1999</b> , 53, 525-528	2	34
144	Comparative study on hydrolysis and bioethanol production from cardoon and rockrose pretreated by dilute acid hydrolysis. <i>Industrial Crops and Products</i> , <b>2018</b> , 111, 633-641	5.9	34
143	Evaluation of Ligno Boost <sup>®</sup> softwood kraft lignin epoxidation as an approach for its application in cured epoxy resins. <i>Industrial Crops and Products</i> , <b>2018</b> , 112, 225-235	5.9	32
142	Effect of high pressure treatment on structure and properties of cellulose in eucalypt pulps. <i>Cellulose</i> , <b>2010</b> , 17, 1193-1202	5.5	32

141	Structural analysis and potential immunostimulatory activity of Nannochloropsis oculata polysaccharides. <i>Carbohydrate Polymers</i> , <b>2019</b> , 222, 114962	10.3	31
140	Biological treatment of eucalypt spent sulphite liquors: a way to boost the production of second generation bioethanol. <i>Bioresource Technology</i> , <b>2012</b> , 103, 131-5	11	31
139	Structural characterization of lignin from leaf sheaths of "dwarf cavendish" banana plant. <i>Journal of Agricultural and Food Chemistry</i> , <b>2006</b> , 54, 2598-605	5.7	31
138	Polyoxometalate-Catalyzed Oxygen Delignification of Kraft Pulp: A Pilot-Plant Experience. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2004</b> , 43, 7754-7761	3.9	31
137	BEHAVIOR OF EUCALYPTUS GLOBULUS LIGNIN DURING KRAFT PULPING. I. ANALYSIS BY CHEMICAL DEGRADATION METHODS. <i>Journal of Wood Chemistry and Technology</i> , <b>2002</b> , 22, 93-108	2	31
136	Photodegradation of 2-mercaptobenzothiazole and 1,2,3-benzotriazole corrosion inhibitors in aqueous solutions and organic solvents. <i>Physical Chemistry Chemical Physics</i> , <b>2014</b> , 16, 25152-60	3.6	30
135	Electrochemical impedance study of the lignin-derived conducting polymer. <i>Electrochimica Acta</i> , <b>2012</b> , 76, 69-76	6.7	30
134	High pressure treatment as a tool for engineering of enzymatic reactions in cellulosic fibres. <i>Bioresource Technology</i> , <b>2012</b> , 107, 530-4	11	29
133	Lipophilic extractives from different morphological parts of banana plant Dwarf Cavendish. <i>Industrial Crops and Products</i> , <b>2006</b> , 23, 201-211	5.9	29
132	Lignin Degradation in Oxygen Delignification Catalysed by [PMo7V5O40]8- Polyanion. Part II. Study on Lignin Monomeric Model Compounds. <i>Holzforschung</i> , <b>2000</b> , 54, 511-518	2	29
131	Evaluating the hazardous impact of ionic liquids - Challenges and opportunities. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 412, 125215	12.8	29
130	Structural characterization of lignin from grape stalks ( <i>Vitis vinifera</i> L.). <i>Journal of Agricultural and Food Chemistry</i> , <b>2014</b> , 62, 5420-8	5.7	28
129	Characterisation of enzymatically oxidised lignosulfonates and their application on lignocellulosic fabrics. <i>Polymer International</i> , <b>2009</b> , 58, 863-868	3.3	28
128	Degradation of biphenyl lignin model compounds by laccase of <i>Trametes versicolor</i> in the presence of 1-hydroxybenzotriazole and heteropolyanion [SiW11VO40]5-. <i>Journal of Molecular Catalysis B: Enzymatic</i> , <b>2003</b> , 22, 13-20		28
127	Lignin Degradation in Oxygen Delignification Catalysed by [PMo7V5O40]8- Polyanion. Part I. Study on Wood Lignin. <i>Holzforschung</i> , <b>2000</b> , 54, 381-389	2	28
126	2D-NMR (HSQC) difference spectra between specifically 13C-enriched and unenriched protolignin of <i>Ginkgo biloba</i> obtained in the solution state of whole cell wall material. <i>Holzforschung</i> , <b>2009</b> , 63,	2	27
125	Electrospray tandem mass spectrometry of underivatized acetylated xylo-oligosaccharides. <i>Rapid Communications in Mass Spectrometry</i> , <b>2005</b> , 19, 3589-99	2.2	27
124	Bioethanol production from steam explosion pretreated and alkali extracted <i>Cistus ladanifer</i> (rockrose). <i>Biochemical Engineering Journal</i> , <b>2015</b> , 104, 98-105	4.2	26

123	High-Resolution Lipidomics of the Early Life Stages of the Red Seaweed <i>Porphyra dioica</i> . <i>Molecules</i> , <b>2018</b> , 23,	4.8	26
122	Determination of 5-hydroxymethylfurfural in honey, using headspace-solid-phase microextraction coupled with a polyoxometalate-coated piezoelectric quartz crystal. <i>Food Chemistry</i> , <b>2017</b> , 220, 420-426	8.5	26
121	Design of siliceous lignins [Novel organic/inorganic hybrid sorbent materials. <i>Scripta Materialia</i> , <b>2009</b> , 60, 687-690	5.6	26
120	New polyoxometalate[accase integrated system for kraft pulp delignification. <i>Biochemical Engineering Journal</i> , <b>2007</b> , 33, 141-147	4.2	26
119	Hydration of cellulose/silica hybrids assessed by sorption isotherms. <i>Journal of Physical Chemistry B</i> , <b>2010</b> , 114, 4047-55	3.4	25
118	Acetylated heteroxylan from <i>Agave sisalana</i> and its behavior in alkaline pulping and TCF/ECF bleaching. <i>Carbohydrate Polymers</i> , <b>2010</b> , 81, 517-523	10.3	25
117	Transition metal substituted polyoxometalates supported on amine-functionalized silica. <i>Transition Metal Chemistry</i> , <b>2007</b> , 32, 1061-1067	2.1	25
116	The hydrophobic polysaccharides of apple pomace. <i>Carbohydrate Polymers</i> , <b>2019</b> , 223, 115132	10.3	24
115	Dimeric calcium complexes of arabinan-rich pectic polysaccharides from <i>Olea europaea</i> L. cell walls. <i>Carbohydrate Polymers</i> , <b>2006</b> , 65, 535-543	10.3	24
114	Steryl glucosides from banana plant <i>Musa acuminata</i> Colla var cavendish. <i>Industrial Crops and Products</i> , <b>2005</b> , 22, 187-192	5.9	24
113	Xylan and xylan derivatives[their performance in bio-based films and effect of glycerol addition. <i>Industrial Crops and Products</i> , <b>2016</b> , 94, 682-689	5.9	24
112	Functionalized xylans in the production of xylan-coated paper laminates. <i>Reactive and Functional Polymers</i> , <b>2017</b> , 117, 89-96	4.6	23
111	Potentiometric chemical sensors from lignin-poly(propylene oxide) copolymers doped by carbon nanotubes. <i>Analyst, The</i> , <b>2013</b> , 138, 501-8	5	23
110	Differentiation of isomeric pentose disaccharides by electrospray ionization tandem mass spectrometry and discriminant analysis. <i>Rapid Communications in Mass Spectrometry</i> , <b>2012</b> , 26, 2897-904	2.2	23
109	New polyoxometalate-functionalized cellulosic fibre/silica hybrids for environmental applications. <i>RSC Advances</i> , <b>2012</b> , 2, 831-839	3.7	22
108	Influence of galactomannans with different molecular weights on the gelation of whey proteins at neutral pH. <i>Biomacromolecules</i> , <b>2005</b> , 6, 3291-9	6.9	22
107	Influence of molecular weight on in vitro immunostimulatory properties of instant coffee. <i>Food Chemistry</i> , <b>2014</b> , 161, 60-6	8.5	21
106	Structure[Surface Property Relationships of Kraft Papers: Implication on Impregnation with Phenol[Formaldehyde Resin. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2011</b> , 50, 2883-2890	3.9	21

105	Polyoxometalate (POM)-aided modification of lignin from wheat straw biorefinery. <i>Holzforschung</i> , <b>2013</b> , 67, 539-547	2	20
104	Transition metal substituted polyoxotungstates for the oxygen delignification of kraft pulp. <i>Applied Catalysis A: General</i> , <b>2005</b> , 295, 134-141	5.1	20
103	Polyoxometalates as mediators in the laccase catalyzed delignification. <i>Journal of Molecular Catalysis B: Enzymatic</i> , <b>2001</b> , 16, 131-140		20
102	Oxidation of mannosyl oligosaccharides by hydroxyl radicals as assessed by electrospray mass spectrometry. <i>Carbohydrate Research</i> , <b>2011</b> , 346, 2603-11	2.9	19
101	High pressure pre-treatments promote higher rate and degree of enzymatic hydrolysis of cellulose. <i>Green Chemistry</i> , <b>2011</b> , 13, 2764	10	19
100	Structural differentiation of uronosyl substitution patterns in acidic heteroxylans by electrospray tandem mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2004</b> , 15, 43-7	3.5	19
99	Catalytic oxidation of formaldehyde by ruthenium multisubstituted tungstosilicic polyoxometalate supported on cellulose/silica hybrid. <i>Applied Catalysis A: General</i> , <b>2016</b> , 509, 8-16	5.1	18
98	Studies on the redox turnover of polyoxometalates using potentiometric chemical sensors. <i>New Journal of Chemistry</i> , <b>2012</b> , 36, 1036	3.6	18
97	Synthesis and characterisation of novel ruthenium multi-substituted polyoxometalates: $[SiW_9O_{37}Ru_4(H_2O)_3Cl_3]^{7-}$ <i>Polyhedron</i> , <b>2010</b> , 29, 3066-3073	2.7	18
96	Oxidation of phenols employing polyoxometalates as biomimetic models of the activity of phenoxidase enzymes. <i>New Journal of Chemistry</i> , <b>2007</b> , 31, 1461	3.6	18
95	Structural features of spent coffee grounds water-soluble polysaccharides: Towards tailor-made microwave assisted extractions. <i>Carbohydrate Polymers</i> , <b>2019</b> , 214, 53-61	10.3	17
94	Characterization of concrete surface in relation to graffiti protection coatings. <i>Construction and Building Materials</i> , <b>2016</b> , 102, 435-444	6.7	17
93	Chemical composition of oleo-gum-resin from <i>Ferula gummosa</i> . <i>Industrial Crops and Products</i> , <b>2011</b> , 33, 549-553	5.9	17
92	Bulk and surface composition of ECF bleached hardwood kraft pulp fibres. <i>Nordic Pulp and Paper Research Journal</i> , <b>2004</b> , 19, 513-520	1.1	17
91	A new formaldehyde optical sensor: Detecting milk adulteration. <i>Food Chemistry</i> , <b>2020</b> , 318, 126461	8.5	16
90	Chemicals Generated During Oxygen-Organosolv Pulping of Wood. <i>Journal of Wood Chemistry and Technology</i> , <b>1994</b> , 14, 383-402	2	16
89	Study on the residual lignin in <i>Eucalyptus globulus</i> sulphite pulp. <i>Holzforschung</i> , <b>2015</b> , 69, 513-522	2	15
88	The final bleaching of eucalypt kraft pulps with hydrogen peroxide: relationship with industrial ECF bleaching history and cellulose degradation. <i>Journal of Chemical Technology and Biotechnology</i> , <b>2011</b> , 86, 381-390	3.5	15

87	The assessment of chromophores in bleached cellulosic pulps employing UV-Raman spectroscopy. <i>Carbohydrate Research</i> , <b>2010</b> , 345, 1442-51	2.9	15
86	The detection of muconic acid type structures in oxidized lignins by <sup>13</sup> C NMR spectroscopy. <i>Wood Science and Technology</i> , <b>1997</b> , 31, 423-431	2.5	15
85	The effects of transition metal sulfates on cellulose crystallinity during accelerated ageing of silver fir wood. <i>Cellulose</i> , <b>2019</b> , 26, 2625-2638	5.5	14
84	Delignification of eucalypt kraft pulp with manganese-substituted polyoxometalate assisted by fungal versatile peroxidase. <i>Bioresource Technology</i> , <b>2010</b> , 101, 5935-40	11	14
83	Condensation Reactions of Lignin During Oxygen Delignification Under Acidic Conditions. <i>Journal of Wood Chemistry and Technology</i> , <b>1997</b> , 17, 41-55	2	14
82	Lignin Modification Supported by DFT-Based Theoretical Study as a Way to Produce Competitive Natural Antioxidants. <i>Molecules</i> , <b>2019</b> , 24,	4.8	13
81	Multisensor system for determination of polyoxometalates containing vanadium at its different oxidation states. <i>Talanta</i> , <b>2007</b> , 72, 497-505	6.2	13
80	Lignans from a hybrid Paulownia wood. <i>Biochemical Systematics and Ecology</i> , <b>2005</b> , 33, 1298-1302	1.4	13
79	Effect of urea on cellulose degradation under conditions of alkaline pulping. <i>Cellulose</i> , <b>2012</b> , 19, 2195-2204	3.9	12
78	Fractionation of sulphite spent liquor for biochemical processing using ion exchange resins. <i>Journal of Biotechnology</i> , <b>2012</b> , 162, 415-21	3.7	11
77	Lignin reactions in oxygen delignification catalysed by Mn(II)-substituted molybdovanadophosphate polyanion. <i>Holzforchung</i> , <b>2004</b> , 58, 640-649	2	10
76	Surface treatment of eucalyptus wood for improved HDPE composites properties. <i>Journal of Applied Polymer Science</i> , <b>2020</b> , 137, 48619	2.9	10
75	Structural changes in lignin of thermally treated eucalyptus wood. <i>Journal of Wood Chemistry and Technology</i> , <b>2020</b> , 40, 258-268	2	9
74	Neutral and acidic products derived from hydroxyl radical-induced oxidation of arabinotriose assessed by electrospray ionisation mass spectrometry. <i>Journal of Mass Spectrometry</i> , <b>2014</b> , 49, 280-90	2.2	9
73	Modified kraft lignin for bioremediation applications. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , <b>2012</b> , 47, 298-307	2.3	9
72	Detection of muconic acid type structures in oxidised lignins using 2D NMR spectroscopy 10th EWLP, Stockholm, Sweden, August 25-28, 2008. <i>Holzforchung</i> , <b>2009</b> , 63,	2	9
71	Characterization of non-cellulosic glucans in Eucalyptus globulus Labill. wood and kraft pulp. <i>Holzforchung</i> , <b>2007</b> , 61, 478-482	2	9
70	Fluorinated polyhedral oligomeric silsesquioxane nanoparticles to boost the dirt repellence of high pressure laminates. <i>Chemical Engineering Journal</i> , <b>2016</b> , 301, 362-370	14.7	9



69	Extractive Profiles in the Production of Sulfite Dissolving Pulp from Eucalyptus Globulus WOOD. <i>Journal of Wood Chemistry and Technology</i> , <b>2018</b> , 38, 397-408	2	9
68	Nonenzymatic Transglycosylation Reactions Induced by Roasting: New Insights from Models Mimicking Coffee Bean Regions with Distinct Polysaccharide Composition. <i>Journal of Agricultural and Food Chemistry</i> , <b>2016</b> , 64, 1831-40	5.7	8
67	POLYOXOMETALATE-CATALYZED OXYGEN DELIGNIFICATION PROCESS: KINETIC STUDIES, DELIGNIFICATION SEQUENCES AND REUSE OF HPA-5-MnII AQUEOUS SOLUTION. <i>Chemical Engineering Communications</i> , <b>2009</b> , 196, 801-811	2.2	8
66	Xylan accessibility of bleached eucalypt pulp in alkaline solutions. <i>Holzforschung</i> , <b>2020</b> , 74, 141-148	2	8
65	Nanocomposite Polymeric Materials Based on Eucalyptus Lignoboost Kraft Lignin for Liquid Sensing Applications. <i>Materials</i> , <b>2020</b> , 13,	3.5	8
64	Modification of acid hydrolysis lignin for value-added applications by micronization followed by hydrothermal alkaline treatment. <i>Holzforschung</i> , <b>2015</b> , 69, 761-768	2	7
63	Environmental advantages through producing energy from grape stalk pellets instead of wood pellets and other sources. <i>International Journal of Environmental Studies</i> , <b>2018</b> , 75, 812-826	1.8	7
62	Sulphite Pulping <b>2016</b> , 225-244		7
61	UV-resonance Raman micro-spectroscopy to assess residual chromophores in cellulosic pulps. <i>Journal of Raman Spectroscopy</i> , <b>2011</b> , 42, 1039-1045	2.3	7
60	Distinction and identification of lignins based on their volatile headspace composition. <i>Talanta</i> , <b>2008</b> , 75, 594-7	6.2	7
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