

# Nicolas Brosse

## List of Publications by Year in descending order

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151  
papers

6,307  
citations

81900

39  
h-index

79698

73  
g-index

159  
all docs

159  
docs citations

159  
times ranked

6443  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanocellulose: From Fundamentals to Advanced Applications. <i>Frontiers in Chemistry</i> , 2020, 8, 392.	3.6	586
2	Characterization of milled wood lignin and ethanol organosolv lignin from miscanthus. <i>Polymer Degradation and Stability</i> , 2009, 94, 1632-1638.	5.8	414
3	<i>Miscanthus</i> : a fast-growing crop for biofuels and chemicals production. <i>Biofuels, Bioproducts and Biorefining</i> , 2012, 6, 580-598.	3.7	360
4	Physico-chemical properties and thermal stability of microcrystalline cellulose isolated from Alfa fibres. <i>Carbohydrate Polymers</i> , 2014, 104, 223-230.	10.2	259
5	Current advancement on the isolation, characterization and application of lignin. <i>International Journal of Biological Macromolecules</i> , 2020, 162, 985-1024.	7.5	223
6	Effects of process severity on the chemical structure of <i>Miscanthus</i> ethanol organosolv lignin. <i>Polymer Degradation and Stability</i> , 2010, 95, 997-1003.	5.8	207
7	Pretreatment of <i>Miscanthus x giganteus</i> Using the Ethanol Organosolv Process for Ethanol Production. <i>Industrial &amp; Engineering Chemistry Research</i> , 2009, 48, 8328-8334.	3.7	162
8	Effect of autohydrolysis of <i>Miscanthus x giganteus</i> on lignin structure and organosolv delignification. <i>Bioresource Technology</i> , 2010, 101, 9321-9329.	9.6	146
9	Condensed tannins from grape pomace: Characterization by FTIR and MALDI TOF and production of environment friendly wood adhesive. <i>Industrial Crops and Products</i> , 2012, 40, 13-20.	5.2	137
10	Investigation of the chemical modifications of beech wood lignin during heat treatment. <i>Polymer Degradation and Stability</i> , 2010, 95, 1721-1726.	5.8	131
11	The capability of ultrafiltrated alkaline and organosolv oil palm ( <i>Elaeis guineensis</i> ) fronds lignin as green corrosion inhibitor for mild steel in 0.5 M HCl solution. <i>Measurement: Journal of the International Measurement Confederation</i> , 2016, 78, 90-103.	5.0	103
12	Combination of enzymatic hydrolysis and ethanol organosolv pretreatments: Effect on lignin structures, delignification yields and cellulose-to-glucose conversion. <i>Bioresource Technology</i> , 2012, 112, 156-163.	9.6	102
13	Physicochemical of microcrystalline cellulose from oil palm fronds as potential methylene blue adsorbents. <i>International Journal of Biological Macromolecules</i> , 2016, 92, 11-19.	7.5	100
14	Physicochemical characterization of alkaline and ethanol organosolv lignins from oil palm ( <i>Elaeis</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2 Products, 2013, 49, 23-32.	5.2	98
15	Compositions and chemical variability of grape pomaces from French vineyard. <i>Industrial Crops and Products</i> , 2013, 43, 251-254.	5.2	94
16	Evaluation of grape stalks as a bioresource. <i>Industrial Crops and Products</i> , 2011, 33, 200-204.	5.2	92
17	Extraction of condensed tannins from grape pomace for use as wood adhesives. <i>Industrial Crops and Products</i> , 2011, 33, 253-257.	5.2	84
18	Evaluation and optimization of organosolv pretreatment using combined severity factors and response surface methodology. <i>Biomass and Bioenergy</i> , 2011, 35, 4025-4033.	5.7	82

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19	Flame Retardancy of Bio-Based Polyurethanes: Opportunities and Challenges. <i>Polymers</i> , 2020, 12, 1234.	4.5	79
20	A Multitechnique Characterization of Lignin Softening and Pyrolysis. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 6940-6949.	6.7	70
21	Comparison of the Physicochemical Properties and Thermal Stability of Organosolv and Kraft Lignins from Hardwood and Softwood Biomass for Their Potential Valorization. <i>Waste and Biomass Valorization</i> , 2020, 11, 6541-6553.	3.4	68
22	Investigation on the structure and antioxidant properties of modified lignin obtained by different combinative processes of oil palm fronds (OPF) biomass. <i>Industrial Crops and Products</i> , 2014, 52, 544-551.	5.2	62
23	Mechanisms of biomass pyrolysis studied by combining a fixed bed reactor with advanced gas analysis. <i>Journal of Analytical and Applied Pyrolysis</i> , 2016, 117, 334-346.	5.5	61
24	New Synthesis of 1,1-Substituted Hydrazines by Alkylation of N-Acyl- or N-alkyloxycarbonylaminophthalimide Using the Mitsunobu Protocol. <i>Journal of Organic Chemistry</i> , 2000, 65, 4370-4374.	3.2	60
25	Condensed tannins extraction from grape pomace: Characterization and utilization as wood adhesives for wood particleboard. <i>Industrial Crops and Products</i> , 2011, 34, 907-914.	5.2	59
26	Optimization of polyphenols extraction from grape residues in water medium. <i>Industrial Crops and Products</i> , 2014, 52, 18-22.	5.2	58
27	Cascading Recycling of Wood Waste: A Review. <i>Polymers</i> , 2021, 13, 1752.	4.5	58
28	Effect of Potassium on the Mechanisms of Biomass Pyrolysis Studied using Complementary Analytical Techniques. <i>ChemSusChem</i> , 2016, 9, 863-872.	6.8	55
29	Revealing the chemistry of biomass pyrolysis by means of tunable synchrotron photoionisation-mass spectrometry. <i>RSC Advances</i> , 2013, 3, 4786.	3.6	54
30	Characterization of biomass char formation investigated by advanced solid state NMR. <i>Carbon</i> , 2016, 108, 165-177.	10.3	54
31	In Situ Analysis of Biomass Pyrolysis by High Temperature Rheology in Relations with $^1\text{H}$ NMR. <i>Energy &amp; Fuels</i> , 2012, 26, 6432-6441.	5.1	53
32	Improved corrosion inhibition of mild steel by chemically modified lignin polymers from <i>Elaeis guineensis</i> agricultural waste. <i>Materials Chemistry and Physics</i> , 2015, 163, 201-212.	4.0	50
33	Production of oil palm ( <i>Elaeis guineensis</i> ) fronds lignin-derived non-toxic aldehyde for eco-friendly wood adhesive. <i>International Journal of Biological Macromolecules</i> , 2018, 113, 1266-1272.	7.5	48
34	High Resolution Solid State 2D NMR Analysis of Biomass and Biochar. <i>Analytical Chemistry</i> , 2015, 87, 843-847.	6.5	46
35	A New Synthetic Route to Protected $\hat{\pm}$ -Hydrazinoesters in High Optical Purity Using the Mitsunobu Protocol. <i>Journal of Organic Chemistry</i> , 2001, 66, 2869-2873.	3.2	44
36	Effect of different pretreatments on delignification pattern and enzymatic hydrolysability of miscanthus, oil palm biomass and typha grass. <i>Bioresource Technology</i> , 2013, 135, 82-88.	9.6	43

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37	Steam explosion process for the selective extraction of hemicelluloses polymers from spruce sawdust. <i>Industrial Crops and Products</i> , 2019, 141, 111757.	5.2	43
38	Reinforced lignin-phenol-glyoxal (LPG) wood adhesives from coconut husk. <i>International Journal of Biological Macromolecules</i> , 2019, 141, 185-196.	7.5	42
39	Characterization and 3D printability of poly (lactic acid)/acetylated tannin composites. <i>Industrial Crops and Products</i> , 2020, 149, 112320.	5.2	42
40	Steam Explosion Pretreatment of Lignocellulosic Biomass: A Mini-Review of Theoretical and Experimental Approaches. <i>Frontiers in Chemistry</i> , 2021, 9, 705358.	3.6	42
41	A family of strong low-molecular-weight organogelators based on aminoacid derivatives. <i>Tetrahedron Letters</i> , 2004, 45, 9521-9524.	1.4	40
42	UPLC method for the determination of vitamin E homologues and derivatives in vegetable oils, margarines and supplement capsules using pentafluorophenyl column. <i>Talanta</i> , 2014, 130, 299-306.	5.5	40
43	Organosolv Processes. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2017, 166, 153-176.	1.1	39
44	Biomass to Bioethanol: Initiatives of the Future for Lignin. <i>ISRN Materials Science</i> , 2011, 2011, 1-10.	1.0	39
45	Enhanced properties of oil palm fronds (OPF) lignin fractions produced via tangential ultrafiltration technique. <i>Industrial Crops and Products</i> , 2015, 66, 1-10.	5.2	36
46	Enhancement of mechanical strength of particleboard using environmentally friendly pine (Pinus) Tj ETQq0 0 0 rgBTJ /Overlock 10 Tf 50 3	2.0	36
47	Lignin-First Integrated Steam Explosion Process for Green Wood Adhesive Application. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 5380-5392.	6.7	35
48	Steam explosion pretreatment of willow grown on phytomanaged soils for bioethanol production. <i>Industrial Crops and Products</i> , 2019, 140, 111722.	5.2	34
49	One-step compatibilization of poly(lactic acid) and tannin via reactive extrusion. <i>Materials and Design</i> , 2020, 191, 108603.	7.0	34
50	Influence of the gelator structure and solvent on the organisation and chirality of self-assembling fibrillar networks. <i>New Journal of Chemistry</i> , 2008, 32, 1131.	2.8	33
51	Pretreatment optimization from rapeseed straw and lignin characterization. <i>Industrial Crops and Products</i> , 2017, 95, 643-650.	5.2	33
52	Extraction, Characterization and Utilization of Organosolv Miscanthus Lignin for the Conception of Environmentally Friendly Mixed Tannin/Lignin Wood Resins. <i>Journal of Adhesion Science and Technology</i> , 2011, 25, 1549-1560.	2.6	32
53	Pretreatment of trace element-enriched biomasses grown on phytomanaged soils for bioethanol production. <i>Industrial Crops and Products</i> , 2017, 107, 63-72.	5.2	32
54	Characterization of Miscanthus pyrolysis by DRIFTS, UV Raman spectroscopy and mass spectrometry. <i>Journal of Analytical and Applied Pyrolysis</i> , 2015, 113, 402-411.	5.5	31

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55	Green mode synthesis of silver nanoparticles using <i>Vitis vinifera</i> 's tannin and screening its antimicrobial activity / apoptotic potential versus cancer cells. <i>Materials Today Communications</i> , 2020, 25, 101511.	1.9	31
56	The Origin of Molecular Mobility During Biomass Pyrolysis as Revealed by <sup>13</sup> C-NMR Spectroscopy. <i>ChemSusChem</i> , 2012, 5, 1258-1265.	6.8	30
57	Homolytic and Heterolytic Cleavage of $\beta$ -Ether Linkages in Hardwood Lignin by Steam Explosion. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 5989-5996.	5.2	29
58	A recent advancement on preparation, characterization and application of nanolignin. <i>International Journal of Biological Macromolecules</i> , 2022, 200, 303-326.	7.5	29
59	Preparation of Multiply Protected Alkylhydrazine Derivatives by Mitsunobu and PTC Approaches. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 4757-4764.	2.4	28
60	Preparation and Characterization of Lignin Polyols from the Residues of Oil Palm Empty Fruit Bunch. <i>BioResources</i> , 2015, 10, .	1.0	28
61	Impact of ultrasounds and high voltage electrical discharges on physico-chemical properties of rapeseed straw's lignin and pulps. <i>Bioresource Technology</i> , 2017, 237, 11-19.	9.6	28
62	Dynamically Cross-Linked Tannin as a Reinforcement of Polypropylene and UV Protection Properties. <i>Polymers</i> , 2019, 11, 102.	4.5	28
63	Organosolv Lignin-Based Wood Adhesive. Influence of the Lignin Extraction Conditions on the Adhesive Performance. <i>Polymers</i> , 2016, 8, 340.	4.5	27
64	Polypropylene Blend with Polyphenols through Dynamic Vulcanization: Mechanical, Rheological, Crystalline, Thermal, and UV Protective Property. <i>Polymers</i> , 2019, 11, 1108.	4.5	27
65	Antioxidant and anticorrosive properties of oil palm frond lignins extracted with different techniques. <i>Annals of Forest Science</i> , 2015, 72, 17-26.	2.0	26
66	Robust and durable bonding performance of bamboo induced by high voltage electrostatic field treatment. <i>Industrial Crops and Products</i> , 2019, 137, 149-156.	5.2	26
67	Liquid and solid phase syntheses of orthogonally protected $\beta$ -hydrazinoacid derivatives. <i>Tetrahedron Letters</i> , 2004, 45, 3569-3572.	1.4	25
68	Lignin-Based Carbon Nanofibers as Electrodes for Vanadium Redox Couple Electrochemistry. <i>Nanomaterials</i> , 2019, 9, 106.	4.1	25
69	The structural characterization and antioxidant properties of oil palm fronds lignin incorporated with p-hydroxyacetophenone. <i>International Journal of Biological Macromolecules</i> , 2019, 130, 947-957.	7.5	25
70	Impact of the lignin structure of three lignocellulosic feedstocks on their organosolv delignification. Effect of $\text{H}^+$ carbonium ion scavengers. <i>Biomass and Bioenergy</i> , 2013, 52, 151-158.	5.7	24
71	Impact of catalytic oil palm fronds (OPF) pulping on organosolv lignin properties. <i>Polymer Degradation and Stability</i> , 2014, 109, 33-39.	5.8	24
72	Steam Explosion of Beech Wood: Effect of the Particle Size on the Xylans Recovery. <i>Waste and Biomass Valorization</i> , 2020, 11, 625-633.	3.4	23

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73	Preparation and characterizations of oil palm fronds cellulose nanocrystal (OPF-CNC) as reinforcing filler in epoxy-Zn rich coating for mild steel corrosion protection. <i>International Journal of Biological Macromolecules</i> , 2020, 153, 385-398.	7.5	23
74	Modification of oil palm fronds lignin by incorporation of m-cresol for improving structural and antioxidant properties. <i>International Journal of Biological Macromolecules</i> , 2017, 104, 251-260.	7.5	22
75	Toward the cottonization of hemp fibers by steam explosion " Part 1: defibration and morphological characterization. <i>Textile Research Journal</i> , 2018, 88, 1047-1055.	2.2	22
76	Influence of high voltage electrostatic field (HVEF) on bonding characteristics of Masson (Pinus) Tj ETQq0 0 0 rgBT /Overlock_10 Tf 50 6	2.9	22
77	Pretreatment of miscanthus using 1,3-dimethyl-imidazolium methyl phosphonate (DMIMMPH) ionic liquid for glucose recovery and ethanol production. <i>RSC Advances</i> , 2015, 5, 61455-61464.	3.6	21
78	Delignification of rapeseed straw using innovative chemo-physical pretreatments. <i>Biomass and Bioenergy</i> , 2016, 95, 92-98.	5.7	21
79	Microwave-assisted extraction of high-molecular-weight hemicelluloses from spruce wood. <i>Comptes Rendus Chimie</i> , 2019, 22, 574-584.	0.5	21
80	Toward the cottonization of hemp fibers by steam explosion. Flame-retardant fibers. <i>Industrial Crops and Products</i> , 2020, 151, 112242.	5.2	20
81	Easy access to cyclopentanoid structures. 1. Preparation and transposition of tricyclo[m.n.0.02,m+1]alca-2,3,m + 2-triol derivatives. <i>Journal of Organic Chemistry</i> , 1993, 58, 4572-4578.	3.2	19
82	Variation of surface and bonding properties among four wood species induced by a high voltage electrostatic field (HVEF). <i>Holzforschung</i> , 2019, 73, 957-965.	1.9	19
83	Hydrothermal conversion of wood, organosolv, and chlorite pulps. <i>Biomass Conversion and Biorefinery</i> , 2020, 10, 1-13.	4.6	19
84	Renewable phosphorous-based flame retardant for lignocellulosic fibers. <i>Industrial Crops and Products</i> , 2022, 186, 115265.	5.2	19
85	Synthesis of N <sup>1</sup> -Z, N <sup>2</sup> -Fmoc or Boc protected $\alpha$ -hydrazinoacids and study of the coupling reaction in solution of N <sup>1</sup> -Z- $\alpha$ -hydrazinoesters. <i>Tetrahedron</i> , 2007, 63, 2223-2234.	1.9	18
86	N-tert-Butoxycarbonylaminophthalimide, a versatile reagent for the conversion of alcohols into alkylated tert-butylcarbazates or hydrazines via the Mitsunobu protocol. <i>Tetrahedron Letters</i> , 2000, 41, 205-207.	1.4	17
87	Very efficient one-pot conversion of N-aminophthalimide derivatives into the corresponding N-amino-di-tert-butyl imidodicarbonates. <i>Tetrahedron Letters</i> , 2002, 43, 249-251.	1.4	17
88	High voltage electric discharges treatment for high molecular weight hemicelluloses extraction from spruce. <i>Carbohydrate Polymers</i> , 2019, 222, 115019.	10.2	17
89	Effect of highly efficient steam explosion treatment on beech, poplar and spruce solid wood physicochemical and permeable performances. <i>Industrial Crops and Products</i> , 2022, 182, 114901.	5.2	16
90	Original and efficient method for the preparation of N-aminoamide pseudodipeptides in high optical purity. <i>Tetrahedron Letters</i> , 2002, 43, 2009-2011.	1.4	15

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91	Investigation of the Effects of Ionic Liquid 1-Butyl-3-methylimidazolium Acetate Pretreatment and Enzymatic Hydrolysis of <i>Typha capensis</i> . <i>Energy &amp; Fuels</i> , 2013, 27, 189-196.	5.1	15
92	Extraction and Characterization of Fibers from Palm Tree. <i>BioResources</i> , 2016, 11, .	1.0	15
93	Production and characterization of rigid polyurethane foam by oxypropylation of organosolv lignin extracted from exhausted olive pomace. <i>Journal of Polymer Research</i> , 2020, 27, 1.	2.4	14
94	Effect of the Pre-Treatment Severity on the Antioxidant Properties of Ethanol Organosolv <i>Miscanthus x giganteus</i> Lignin. <i>Natural Resources</i> , 2012, 03, 29-34.	0.4	14
95	USE OF N-ACYL ORN-ALKYLOXYCARBONYL-AMINOTETRACHLOROPHTHALIMIDES FOR THE PREPARATION OF ALKYLHYDRAZINES VIA THE MITSUNOBU PROTOCOL. <i>Synthetic Communications</i> , 2002, 32, 3603-3610.	2.1	13
96	Solid-phase synthesis of hydrazinopeptides in Boc and Fmoc strategies monitored by HR-MAS NMR. <i>Tetrahedron</i> , 2007, 63, 9635-9641.	1.9	13
97	Interfacial improvement of poly (lactic acid)/tannin acetate composites via radical initiated polymerization. <i>Industrial Crops and Products</i> , 2021, 159, 113068.	5.2	13
98	Extraction of acetylated glucuronoxylans and glucomannans from Okoume ( <i>Aucoumea klaineana</i> ) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	5.2	13
99	Eco-friendly method to improve the durability of different bamboo ( <i>Phyllostachys pubescens</i> , Moso) sections by silver electrochemical treatment. <i>Industrial Crops and Products</i> , 2021, 172, 113994.	5.2	13
100	Synthesis of N-(protected)aminophthalimides: application to the synthesis of singly labelled isoniazid. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1998, , 3685-3688.	0.9	12
101	<i>Lophira lanceolata</i> seed oil extraction method (ancestral or modern) modifies the properties of the oil. <i>Industrial Crops and Products</i> , 2015, 67, 49-54.	5.2	12
102	Biorefining of <i>Aucoumea klaineana</i> wood: Impact of steam explosion on the composition and ultrastructure the cell wall. <i>Industrial Crops and Products</i> , 2022, 177, 114432.	5.2	12
103	N <sup>2</sup> -(3-Amino-1H-isoindol-1-ylidene)-R-carbohydrazides and Their Amide-Type Isomerism. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 2833-2842.	2.4	11
104	Biochemical characterization of the skeletal matrix of the massive coral, <i>Porites australiensis</i> – The saccharide moieties and their localization. <i>Journal of Structural Biology</i> , 2018, 203, 219-229.	2.8	11
105	Facile preparation of high anti-fungal performance wood by high voltage electrostatic field (HVEF). <i>Journal of Cleaner Production</i> , 2020, 260, 120947.	9.3	11
106	Efficient preparation of N <sup>2</sup> ,N <sup>3</sup> -1H-isoindole-1,3-diylidenedicarbohydrazides via 1,1,3-trichloro-1H-isoindole, and their characterization. <i>Tetrahedron</i> , 2009, 65, 6218-6225.	1.9	10
107	Innovative physically-assisted soda fractionation of rapeseed hulls for better recovery of biopolymers. <i>RSC Advances</i> , 2016, 6, 19833-19842.	3.6	10
108	Potential of a short rotation coppice poplar as a feedstock for platform chemicals and lignin-based building blocks. <i>Industrial Crops and Products</i> , 2018, 123, 698-706.	5.2	10

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109	The "Shellome"™ of the Crocus Clam <i>Tridacna crocea</i> Emphasizes Essential Components of Mollusk Shell Biomineralization. <i>Frontiers in Genetics</i> , 2021, 12, 674539.	2.3	10
110	New easy access to cyclopentanoid structures. <i>Tetrahedron Letters</i> , 1991, 32, 3069-3070.	1.4	9
111	ETHANOL ORGANOSOLV PRETREATMENT OF TYPHA CAPENSIS FOR BIOETHANOL PRODUCTION AND CO-PRODUCTS. <i>BioResources</i> , 2012, 7, .	1.0	9
112	Rapid Optimization of Typha Grass Organosolv Pretreatments Using Parallel Microwave Reactors for Ethanol Production. <i>Industrial &amp; Engineering Chemistry Research</i> , 2013, 52, 1691-1697.	3.7	9
113	Characterization of cellulose prepared from some Algerian lignocellulosic materials (zeen oak wood,) <i>Tj ETQq1 1 0.784314 rgBT /Over</i> 419-421.	2.9	9
114	Lignin containing micro and nano-fibrillated cellulose obtained by steam explosion: Comparative study between different processes. <i>Carbohydrate Polymers</i> , 2022, 290, 119460.	10.2	9
115	Solid phase synthesis of N-aminodipeptides in high optical purity. <i>Tetrahedron Letters</i> , 2008, 49, 156-158.	1.4	8
116	Optimization of Galactoglucomannans and Acidic Arabinans Recovery in Softwood. <i>Industrial &amp; Engineering Chemistry Research</i> , 2011, 50, 14217-14220.	3.7	7
117	Acetyl Groups in <i>Typha capensis</i> : Fate of Acetates during Organosolv and Ionosolv Pulping. <i>Polymers</i> , 2018, 10, 619.	4.5	7
118	Elaboration of hemicellulose-based films: Impact of the extraction process from spruce wood on the film properties. <i>Carbohydrate Research</i> , 2020, 497, 108111.	2.3	7
119	Carbon Monoliths with Hierarchical Porous Structure for All-Vanadium Redox Flow Batteries. <i>Batteries</i> , 2021, 7, 55.	4.5	7
120	Preparation and characterization of formaldehyde-free wood adhesive from mangrove bark tannin. <i>International Journal of Adhesion and Adhesives</i> , 2022, 114, 103094.	2.9	7
121	Stereospecific emulsion polymerization of 2-phenyl-1,3-butadiene. <i>European Polymer Journal</i> , 1991, 27, 747-749.	5.4	6
122	Chemical Characterization of Non-Saccharidic and Saccharidic Components of Rapeseed Hulls and Sunflower Shells. <i>BioResources</i> , 2017, 12, .	1.0	6
123	Editorial: Recent Trends in Preparation, Characterization and Applications of Nanocellulose. <i>Frontiers in Chemistry</i> , 2020, 8, 594379.	3.6	6
124	Extraction of Polyphenolics from Lignocellulosic Materials and Agricultural Byproducts for the Formulation of Resin for Wood Adhesives. <i>Journal of Biobased Materials and Bioenergy</i> , 2011, 5, 460-465.	0.3	6
125	Tannins for Wood Adhesives, Foams and Composites. , 2017, , 197-220.		6
126	Interfacial properties of windmill palm ( <i>Trachycarpus fortunei</i> ) fiber reinforced laminated veneer lumber (LVL) composites under high voltage electrostatic field (HVEF). <i>Industrial Crops and Products</i> , 2022, 180, 114795.	5.2	6



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127	A Convenient Synthesis of Singly <sup>15</sup> N-Labeled Isoniazid. <i>Synthesis</i> , 1998, 1998, 269-270.	2.3	5
128	Water Extraction of Tannins from Aleppo Pine Bark and Sumac Root for the Production of Green Wood Adhesives. <i>Molecules</i> , 2020, 25, 5041.	3.8	5
129	Industrial Ramie Growing on Reclaimed Ion-Adsorption Rare Earth Elements Mine Tailings in Southern China: Defibrillation and Fibers Quality. <i>Waste and Biomass Valorization</i> , 2021, 12, 6255-6260.	3.4	5
130	Impact of Ionic Liquid 1-Ethyl-3-Methylimidazolium Acetate Mediated Extraction on Lignin Features. <i>Green and Sustainable Chemistry</i> , 2017, 07, 114-140.	1.2	5
131	Production of melamine formaldehyde resins used in impregnation by incorporation of ethylene glycol and caprolactam with high flexibility, storage stability, and low formaldehyde content. <i>BioResources</i> , 2019, 14, 9916-9927.	1.0	5
132	Effect of Different Prehydrolysis Processes on Lignin Extractability of Coconut Husk Fibres. <i>Journal of Physical Science</i> , 2019, 30, 207-219.	0.9	4
133	A low-cost environmentally friendly approach to isolate lignin containing micro and nanofibrillated cellulose from Eucalyptus globulus bark by steam explosion. <i>Cellulose</i> , 2022, 29, 5593-5607.	4.9	4
134	Steam explosion of <i>Aucoumea klaineana</i> sapwood: Membrane separation of acetylated hemicelluloses. <i>Carbohydrate Research</i> , 2022, 519, 108622.	2.3	4
135	Easy Access to Cyclopentanoid Structures. 21Transposition of Tricyclo[m.n.0.02,m+1]alca-2,3,m+2-triol Derivatives. <i>Synthetic Communications</i> , 1995, 25, 157-165.	2.1	3
136	Condensed Tannins from Mangrove and Grape Pomace as Renewable Corrosion Inhibitors and Wood Adhesive. <i>Journal of Advanced Chemical Engineering</i> , 2018, 08, .	0.1	3
137	Selective Biodegradation of Grape Pomace Tannins by <i>Aspergillus niger</i> and Application in Wood Adhesive. <i>BioResources</i> , 2017, 13, .	1.0	2
138	Comparison of Bonding Performance Between Plywood and Laminated Veneer Lumber Induced by High Voltage Electrostatic Field.. <i>MATEC Web of Conferences</i> , 2019, 275, 01013.	0.2	2
139	Effect of vacuum hot pressing on the bonding quality and heat transfer performance of plywood. <i>European Journal of Wood and Wood Products</i> , 2020, 78, 441-447.	2.9	2
140	Di-tert-butyl 2-benzoylhydrazine-1,1-dicarboxylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o205-o205.	0.2	2
141	New Access to Prostanoids Like from Easy Available Starting Materials. <i>Chemistry Letters</i> , 1995, 24, 193-194.	1.3	1
142	N-(tert-Butyloxycarbonylamino)phthalimide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004, 60, o934-o935.	0.2	1
143	Editorial: Biofuels. <i>Energy Conversion and Management</i> , 2014, 88, 1077.	9.2	1
144	The In-silico Studies of Benzylidene Indanone Derivatives Towards Dengue Virus Type-2 NS2B/NS3 Protease. <i>Journal of Physical Science</i> , 2019, 30, 191-198.	0.9	1

#	ARTICLE	IF	CITATIONS
145	Use of N-Acyl or N-Alkyloxycarbonyl-aminotetrachlorophthalimides for the Preparation of Alkylhydrazines via the Mitsunobu Protocol.. ChemInform, 2003, 34, no.	0.0	0
146	Preparation of Multiply Protected Alkylhydrazine Derivatives by Mitsunobu and PTC Approaches.. ChemInform, 2004, 35, no.	0.0	0
147	Liquid and Solid Phase Syntheses of Orthogonally Protected $\hat{\pm}$ -Hydrazinoacid Derivatives.. ChemInform, 2004, 35, no.	0.0	0
148	Effect of pyrolysis temperature on the property modifications of lignocellulosic biomass and its components. , 2014, , .		0
149	The Effect of the Aqueous Enzymatic Extraction Method towards Momordica charantia Seed Oil and Its Lignocellulosic Biomass. Walailak Journal of Science and Technology, 2021, 18, .	0.5	0
150	Effect of Combinative Pretreatments on Cellulose-to-Glucose Conversion of Empty Palm Fruit Bunch (EFB). Journal of Food Science and Technology Nepal, 0, 7, 81-85.	0.2	0
151	Pulsed Electric Fields and High-Voltage Electrical Discharges-Assisted Extraction of Valuable Biocompounds and Biopolymers from Rapeseed By-Products. , 2017, , 2883-2898.		0