Francois Jerome

List of Publications by Year
in descending order

148 papers	10,433 citations	38660 50 h-index	34900 98 g-index
173 all docs	173 docs citations	173 times ranked	10799 citing authors

#	Article	IF	Citations
1	Deep eutectic solvents: syntheses, properties and applications. Chemical Society Reviews, 2012, 41, 7108.	18.7	3,591
2	Bio-based solvents: an emerging generation of fluids for the design of eco-efficient processes in catalysis and organic chemistry. Chemical Society Reviews, 2013, 42, 9550.	18.7	509
3	Glycerol as a sustainable solvent for green chemistry. Green Chemistry, 2010, 12, 1127.	4.6	494
4	Rational Design of Solid Catalysts for the Selective Use of Glycerol as a Natural Organic Building Block. ChemSusChem, 2008, 1, 586-613.	3.6	208
5	Contribution of Deep Eutectic Solvents for Biomass Processing: Opportunities, Challenges, and Limitations. ChemCatChem, 2015, 7, 1250-1260.	1.8	180
6	Selective Hydrogenation of Furfural to Furfuryl Alcohol in the Presence of a Recyclable Cobalt/SBAâ€15 Catalyst. ChemSusChem, 2015, 8, 1885-1891.	3.6	161
7	Heterogeneously catalyzed etherification of glycerol: new pathways for transformation of glycerol to more valuable chemicals. Green Chemistry, 2008, 10, 164-167.	4.6	133
8	Sustainable chemistry: how to produce better and more from less?. Green Chemistry, 2017, 19, 4973-4989.	4.6	125
9	Conversion of fructose and inulin to 5-hydroxymethylfurfural in sustainable betaine hydrochloride-based media. Green Chemistry, 2012, 14, 285-289.	4.6	114
10	Glycerol as An Efficient Promoting Medium for Organic Reactions. Advanced Synthesis and Catalysis, 2008, 350, 2007-2012.	2.1	113
11	Green and Inexpensive Cholineâ€Derived Solvents for Cellulose Decrystallization. Chemistry - A European Journal, 2012, 18, 1043-1046.	1.7	110
12	Synergistic Application of XPS and DFT to Investigate Metal Oxide Surface Catalysis. Journal of Physical Chemistry C, 2018, 122, 22397-22406.	1.5	104
13	Combination of Pd/C and Amberlyst-15 in a single reactor for the acid/hydrogenating catalytic conversion of carbohydrates to 5-hydroxy-2,5-hexanedione. Green Chemistry, 2014, 16, 4110-4114.	4.6	98
14	Shape-controlled nanostructured magnetite-type materials as highly efficient Fenton catalysts. Applied Catalysis B: Environmental, 2014, 144, 739-749.	10.8	95
15	Pretreatment of microcrystalline cellulose by ultrasounds: effect of particle size in the heterogeneously-catalyzed hydrolysis of cellulose to glucose. Green Chemistry, 2013, 15, 963.	4.6	88
16	Depolymerization of Cellulose Assisted by a Nonthermal Atmospheric Plasma. Angewandte Chemie - International Edition, 2011, 50, 8964-8967.	7.2	85
17	Unraveling the mechanism of the oxidation of glycerol to dicarboxylic acids over a sonochemically synthesized copper oxide catalyst. Green Chemistry, 2018, 20, 2730-2741.	4.6	85
18	Metallocorroles as sensing components for gas sensors: remarkable affinity and selectivity of cobalt(iii) corroles for CO vs. O2and N2. Dalton Transactions, 2004, , 1208-1214.	1.6	84

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19	Catalyst-free aqueous multicomponent domino reactions from formaldehyde and 1,3-dicarbonyl derivatives. Green Chemistry, 2009, 11, 1968.	4.6	83
20	Alkyl and Aryl Substituted Corroles. 3. Reactions of Cofacial Cobalt Biscorroles and Porphyrin-Corroles with Pyridine and Carbon Monoxide. Inorganic Chemistry, 2002, 41, 3990-4005.	1.9	82
21	Palladium/Carbon Dioxide Cooperative Catalysis for the Production of Diketone Derivatives from Carbohydrates. ChemSusChem, 2014, 7, 2089-2093.	3.6	81
22	Selectivity Enhancement of Silica-Supported Sulfonic Acid Catalysts in Water by Coating of Ionic Liquid. Organic Letters, 2007, 9, 3145-3148.	2.4	79
23	Dehydration of Highly Concentrated Solutions of Fructose to 5â€Hydroxymethylfurfural in a Cheap and Sustainable Choline Chloride/Carbon Dioxide System. ChemSusChem, 2012, 5, 1223-1226.	3.6	78
24	Synergistic Effect of High-Frequency Ultrasound with Cupric Oxide Catalyst Resulting in a Selectivity Switch in Glucose Oxidation under Argon. Journal of the American Chemical Society, 2019, 141, 14772-14779.	6.6	77
25	Synthesis of Renewable <i>meta</i>â€Xylylenediamine from Biomassâ€Derived Furfural. Angewandte Chemie - International Edition, 2018, 57, 10510-10514.	7.2	76
26	Alkyl and Aryl Substituted Corroles. 1. Synthesis and Characterization of Free Base and Cobalt Containing Derivatives. X-ray Structure of (Me4Ph5Cor)Co(py)2. Inorganic Chemistry, 2001, 40, 4845-4855.	1.9	74
27	Selectivity enhancement in the aqueous acid-catalyzed conversion of glucose to 5-hydroxymethylfurfural induced by choline chloride. Green Chemistry, 2013, 15, 3205.	4.6	74
28	Synthesis of maleic and fumaric acids from furfural in the presence of betaine hydrochloride and hydrogen peroxide. Green Chemistry, 2017, 19, 98-101.	4.6	73
29	Mechanocatalytic Deconstruction of Cellulose: An Emerging Entry into Biorefinery. ChemSusChem, 2013, 6, 2042-2044.	3.6	71
30	Polar aprotic solvent-water mixture as the medium for catalytic production of hydroxymethylfurfural (HMF) from bread waste. Bioresource Technology, 2017, 245, 456-462.	4.8	71
31	Catalytic cascade conversion of furfural to 1,4-pentanediol in a single reactor. Green Chemistry, 2018, 20, 1770-1776.	4.6	71
32	Sulfonic acid functionalized crystal-like mesoporous benzeneâ€"silica as a remarkable water-tolerant catalyst. Chemical Communications, 2009, , 7000.	2.2	70
33	Alkyl- and Aryl-Substituted Corroles. 5. Synthesis, Physicochemical Properties, and X-ray Structural Characterization of Copper Biscorroles and Porphyrinâˆ'Corrole Dyads. Inorganic Chemistry, 2004, 43, 7441-7455.	1.9	67
34	Activation of Microcrystalline Cellulose in a CO₂â€Based Switchable System. ChemSusChem, 2013, 6, 593-596.	3.6	67
35	Acidâ€Catalyzed Dehydration of Fructose and Inulin with Glycerol or Glycerol Carbonate as Renewably Sourced Coâ€Solvent. ChemSusChem, 2010, 3, 1304-1309.	3.6	66
36	Sonochemistry: What Potential for Conversion of Lignocellulosic Biomass into Platform Chemicals?. ChemSusChem, 2014, 7, 2774-2787.	3.6	64

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37	Catalytic dehydration of fructose to HMF over sulfonic acid functionalized periodic mesoporous organosilicas: role of the acid density. Catalysis Science and Technology, 2014, 4, 2235-2240.	2.1	62
38	Glycerol as a cheap, safe and sustainable solvent for the catalytic and regioselective Î²,Î²-diarylation of acrylates over palladium nanoparticles. Green Chemistry, 2010, 12, 804.	4.6	61
39	An efficient hydrogenation catalytic model hosted in a stable hyper-crosslinked porous-organic-polymer: from fatty acid to bio-based alkane diesel synthesis. Green Chemistry, 2020, 22, 2049-2068.	4.6	61
40	Combination of ball-milling and non-thermal atmospheric plasma as physical treatments for the saccharification of microcrystalline cellulose. Green Chemistry, 2012, 14, 2212.	4.6	59
41	Depolymerization of cellulose to processable glucans by non-thermal technologies. Green Chemistry, 2016, 18, 3903-3913.	4.6	59
42	Alkyl and Aryl Substituted Corroles. 2. Synthesis and Characterization of Linked â€œFace-to-Faceâ€• Biscorroles. X-ray Structure of (BCA)Co2(py)3, Where BCA Represents a Biscorrole with an Anthracenyl Bridge. Inorganic Chemistry, 2001, 40, 4856-4865.	1.9	58
43	A choline chloride/DMSO solvent for the direct synthesis of diformylfuran from carbohydrates in the presence of heteropolyacids. Green Chemistry, 2015, 17, 4459-4464.	4.6	57
44	Catalytic etherification of glycerol with short chain alkyl alcohols in the presence of Lewis acids. Green Chemistry, 2013, 15, 901.	4.6	56
45	Acidâ€Assisted Ball Milling of Cellulose as an Efficient Pretreatment Process for the Production of Butyl Glycosides. ChemSusChem, 2015, 8, 3263-3269.	3.6	55
46	Acidâ€Catalyzed Etherification of Glycerol with Longâ€Alkylâ€Chain Alcohols. ChemSusChem, 2011, 4, 719-722.	3.6	54
47	Utilization of bio-based glycolaldehyde aqueous solution in organic synthesis: application to the synthesis of 2,3-dihydrofurans. Green Chemistry, 2019, 21, 2061-2069.	4.6	53
48	Transition of cellulose crystalline structure in biodegradable mixtures of renewably-sourced levulinate alkyl ammonium ionic liquids, Î³-valerolactone and water. Green Chemistry, 2014, 16, 2463-2471.	4.6	52
49	Design of new solid catalysts for the selective conversion of glycerol. European Journal of Lipid Science and Technology, 2008, 110, 825-830.	1.0	51
50	Hydroamination of non-activated alkenes with ammonia: a holy grail in catalysis. Chemical Society Reviews, 2021, 50, 1512-1521.	18.7	51
51	Rational Design of Sugarâ€Basedâ€Surfactant Combined Catalysts for Promoting Glycerol as a Solvent. Chemistry - A European Journal, 2008, 14, 10196-10200.	1.7	50
52	Low melting mixtures based on Î²-cyclodextrin derivatives and N,Nâ€²-dimethylurea as solvents for sustainable catalytic processes. Green Chemistry, 2014, 16, 3876-3880.	4.6	50
53	â€œOne potâ€•and selective synthesis of monoglycerides over homogeneous and heterogeneous guanidine catalysts. Green Chemistry, 2004, 6, 72-74.	4.6	47
54	Selective and Catalyst-free Oxidation of D-Glucose to D-Glucuronic acid induced by High-Frequency Ultrasound. Scientific Reports, 2017, 7, 40650.	1.6	46

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55	Formaldehyde in multicomponent reactions. Green Chemistry, 2021, 23, 1447-1465.	4.6	46
56	Significant enhancement on selectivity in silica supported sulfonic acids catalyzed reactions. Chemical Communications, 2007, , 2222-2224.	2.2	45
57	Catalytic epoxidation of styrene and methyl oleate over peroxophosphotungstate entrapped in mesoporous SBA-15. Catalysis Science and Technology, 2012, 2, 910.	2.1	41
58	Hydroconversion of 5â€Hydroxymethylfurfural to 2,5â€Dimethylfuran and 2,5â€Dimethyltetrahydrofuran over Nonâ€promoted Ni/SBAâ€15. ChemCatChem, 2020, 12, 2050-2059.	1.8	41
59	Rhodium catalyzed hydroformylation of 1-decene in low melting mixtures based on various cyclodextrins and N,Nâ€²-dimethylurea. Catalysis Communications, 2015, 63, 62-65.	1.6	37
60	High Catalytic Performance of Aquivion PFSA, a Reusable Solid Perfluorosulfonic Acid Polymer, in the Biphasic Glycosylation of Glucose with Fatty Alcohols. ACS Catalysis, 2017, 7, 2990-2997.	5.5	37
61	Peculiar reactivity of face to face biscorrole and porphyrinâ€“corrole with a nickel(II) salt. X-Ray structural characterization of a new nickel(II) bisoxocorrole. New Journal of Chemistry, 2001, 25, 93-101.	1.4	36
62	Heterogeneously-Catalyzed Conversion of Carbohydrates. Topics in Current Chemistry, 2010, 295, 63-92.	4.0	36
63	Efficient and Selective Oxidation of <scp>D</scp>â€Glucose into Gluconic acid under Lowâ€Frequency Ultrasonic Irradiation. ChemCatChem, 2014, 6, 3355-3359.	1.8	36
64	Trapping of Active Methylene Intermediates with Alkenes, Indoles or Thiols: Towards Highly Selective Multicomponent Reactions. Advanced Synthesis and Catalysis, 2009, 351, 3269-3278.	2.1	33
65	Conversion of Cellulose into Amphiphilic Alkyl Glycosides Catalyzed by Aquivion, a Perfluorosulfonic Acid Polymer. ChemSusChem, 2017, 10, 3604-3610.	3.6	32
66	Understanding the high catalytic activity of propylsulfonic acid-functionalized periodic mesoporous benzenesilicas by high-resolution 1H solid-state NMR spectroscopy. Journal of Materials Chemistry, 2012, 22, 7412.	6.7	31
67	Catalytic Dehydration of Carbohydrates Suspended in Organic Solvents Promoted by AlCl₃/SiO₂ Coated with Choline Chloride. ChemSusChem, 2015, 8, 269-274.	3.6	31
68	Catalysis under ultrasonic irradiation: a sound synergy. Current Opinion in Green and Sustainable Chemistry, 2020, 22, 7-12.	3.2	31
69	First synthesis of sterically hindered cofacial bis(corroles) and their bis(cobalt) complexes. Chemical Communications, 1998, , 2007-2008.	2.2	30
70	Self-assembly and emulsions of oleic acidâ€“oleate mixtures in glycerol. Green Chemistry, 2011, 13, 64-68.	4.6	30
71	Selective Synthesis of THF-Derived Amines from Biomass-Derived Carbonyl Compounds. ACS Catalysis, 2019, 9, 8893-8902.	5.5	30
72	Glycerol in energy transportation: a state-of-the-art review. Green Chemistry, 2021, 23, 7865-7889.	4.6	29

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73	Mechanisms of the Knoevenagel hetero Dielsâ€“Alder sequence in multicomponent reactions to dihydropyrans: experimental and theoretical investigations into the role of water. Physical Chemistry Chemical Physics, 2011, 13, 628-636.	1.3	28
74	Organic Acid-Regulated Lewis Acidity for Selective Catalytic Hydroxymethylfurfural Production from Rice Waste: An Experimentalâ€“Computational Study. ACS Sustainable Chemistry and Engineering, 2019, 7, 1437-1446.	3.2	28
75	Synthesis of Renewable meta â€Xylylenediamine from Biomassâ€Derived Furfural. Angewandte Chemie, 2018, 130, 10670-10674.	1.6	27
76	Synthesis, physicochemical and electrochemical properties of metalâ€“metal bonded ruthenium corrole homodimers. Journal of Organometallic Chemistry, 2002, 652, 69-76.	0.8	26
77	A Dry Platform for Separation of Proteins from Biomassâ€Containing Polysaccharides, Lignin, and Polyphenols. ChemSusChem, 2015, 8, 1161-1166.	3.6	26
78	Hydrogenation of Sugars to Sugar Alcohols in the Presence of a Recyclable Ru/Al₂O₃ Catalyst Commercially Available. ACS Sustainable Chemistry and Engineering, 2021, 9, 9240-9247.	3.2	26
79	Evidence for the Formation of a RuIIIâˆ’RuIII Bond in a Ruthenium Corrole Homodimer. Angewandte Chemie - International Edition, 2000, 39, 4051-4053.	7.2	25
80	Efficient oxidative modification of polysaccharides in water using H2O2 activated by iron sulfophthalocyanine. Carbohydrate Polymers, 2009, 78, 938-944.	5.1	25
81	Synthesis of Furfuryl Alcohol from Furfural: A Comparison between Batch and Continuous Flow Reactors. Energies, 2020, 13, 1002.	1.6	25
82	Direct Catalytic Conversion of Furfural to Furanâ€derived Amines in the Presence of Ruâ€based Catalyst. ChemSusChem, 2020, 13, 1699-1704.	3.6	25
83	Unveiling the role of choline chloride in furfural synthesis from highly concentrated feeds of xylose. Green Chemistry, 2018, 20, 5104-5110.	4.6	24
84	Glycerol Derivatives of Cutin and Suberin Monomers:Â Synthesis and Self-Assembly. Biomacromolecules, 2005, 6, 30-34.	2.6	23
85	Oneâ€Step Surface Decoration of Poly(propyleneimines) (PPIs) with the Glyceryl Moiety: New Way for Recycling Homogeneous Dendrimerâ€Based Catalysts. Advanced Synthesis and Catalysis, 2010, 352, 1826-1833.	2.1	23
86	Homogeneously-acid catalyzed oligomerization of glycerol. Green Chemistry, 2015, 17, 4307-4314.	4.6	23
87	Eco-efficient synthesis of 2-quinaldic acids from furfural. Green Chemistry, 2019, 21, 4650-4655.	4.6	23
88	Supercritical Carbon Dioxide Extraction of Value-Added Products and Thermochemical Synthesis of Platform Chemicals from Food Waste. ACS Sustainable Chemistry and Engineering, 2019, 7, 2821-2829.	3.2	23
89	Selective Hydrogenation of Xylose to Xylitol over Co/SiO₂ Catalysts. ChemCatChem, 2020, 12, 1973-1978.	1.8	23
90	A Combined Experimentalâ€“Theoretical Study on Dielsâ€Alder Reaction with Bioâ€Based Furfural: Towards Renewable Aromatics. ChemSusChem, 2021, 14, 313-323.	3.6	23

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91	Heterogeneously-acid catalyzed oligomerization of glycerol over recyclable superacid Aquivion Â® PFSA. Journal of Molecular Catalysis A, 2016, 422, 84-88.	4.8	22
92	Regioselective functionalization of glycerol with a dithiocarbamate moiety: an environmentally friendly route to safer fungicides. Green Chemistry, 2011, 13, 1129.	4.6	21
93	Selective Conversion of Concentrated Feeds of Furfuryl Alcohol to Alkyl Levulinates Catalyzed by Metal Triflates. ACS Sustainable Chemistry and Engineering, 2018, 6, 4405-4411.	3.2	21
94	Homogeneously-catalyzed etherification of glycerol with 1-dodecanol. Catalysis Science and Technology, 2011, 1, 616.	2.1	20
95	Conversion of wheat straw to furfural and levulinic acid in a concentrated aqueous solution of betaÃ¯ne hydrochloride. RSC Advances, 2014, 4, 28836.	1.7	20
96	Transglycosylation: A Key Reaction to Access Alkylpolyglycosides from Lignocellulosic Biomass. ChemSusChem, 2018, 11, 1395-1409.	3.6	20
97	Catalytic etherification of sucrose with 1,2-epoxydodecane: investigation of homogeneous and heterogeneous catalysts. Comptes Rendus Chimie, 2004, 7, 151-160.	0.2	19
98	Mechanocatalytic Depolymerization of Cellulose With Perfluorinated Sulfonic Acid Ionomers. Frontiers in Chemistry, 2018, 6, 74.	1.8	19
99	Catalytic Conversion of Carbohydrates to Furanic Derivatives in the Presence of Choline Chloride. Catalysts, 2017, 7, 218.	1.6	18
100	Design of well balanced hydrophilicâ€“lipophilic catalytic surfaces for the direct and selective monoesterification of various polyols. New Journal of Chemistry, 2005, 29, 928.	1.4	17
101	Synthesis of an anthracenyl bridged porphyrinâ€“corrole bismacrocycle. Physicochemical and electrochemical characterisation of the biscobalt Î¼-superoxo derivative. Comptes Rendus De L'Academie Des Sciences - Series IIc: Chemistry, 2001, 4, 245-254.	0.1	16
102	Effect of low frequency ultrasound on the surface properties of natural aluminosilicates. Ultrasonics Sonochemistry, 2016, 31, 598-609.	3.8	16
103	Fast and solvent free polymerization of carbohydrates induced by non-thermal atmospheric plasma. Green Chemistry, 2016, 18, 3013-3019.	4.6	16
104	Catalytic glycosylation of glucose with alkyl alcohols over sulfonated mesoporous carbons. Molecular Catalysis, 2019, 468, 125-129.	1.0	16
105	Selective radical depolymerization of cellulose to glucose induced by high frequency ultrasound. Chemical Science, 2020, 11, 2664-2669.	3.7	16
106	Conversion of furfural to tetrahydrofuran-derived secondary amines under mild conditions. Green Chemistry, 2020, 22, 1832-1836.	4.6	16
107	Ultrasonic-assisted oxidation of cellulose to oxalic acid over gold nanoparticles supported on iron-oxide. Green Chemistry, 2022, 24, 4800-4811.	4.6	16
108	Use of hybrid organicâ€siliceous catalysts for the selective conversion of glycerol. European Journal of Lipid Science and Technology, 2011, 113, 118-134.	1.0	15

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109	Impact of Nonthermal Atmospheric Plasma on the Structure of Cellulose: Access to Soluble Branched Glucans. Chemistry - A European Journal, 2016, 22, 16522-16530.	1.7	15
110	Role of acidity and hydrophobicity in the remarkable catalytic activity in water of sulfonic acid-functionalized phenyl-PMO materials. Catalysis Today, 2013, 218-219, 85-92.	2.2	14
111	Facile and regioselective mono- or diesterification of glycerol derivatives over recyclable phosphazene organocatalyst. Green Chemistry, 2006, 8, 710-716.	4.6	13
112	Selective synthesis of amphiphilic hydroxyalkylethers of disaccharides over solid basic catalysts. Journal of Molecular Catalysis A, 2006, 259, 67-77.	4.8	13
113	Ionic Liquidâ€Mediated Î±â€Fe₂O₃ Shapeâ€Controlled Nanocrystalâ€Supported Noble Metals: Highly Active Materials for CO Oxidation. ChemCatChem, 2013, 5, 1978-1988.	1.8	13
114	Selective Depolymerization of Cellulose to Low Molecular Weight Cello-Oligomers Catalyzed by BetaÃ¯ne Hydrochloride. ACS Sustainable Chemistry and Engineering, 2014, 2, 2683-2689.	3.2	12
115	Carbon Dioxide as a Traceless Caramelization Promotor: Preparation of Prebiotic Difructose Dianhydrides (DFAs)-Enriched Caramels from <scp>d</scp>-Fructose. Journal of Agricultural and Food Chemistry, 2017, 65, 6093-6099.	2.4	12
116	Elucidation of the role of betaine hydrochloride in glycerol esterification: towards bio-based ionic building blocks. Green Chemistry, 2017, 19, 5647-5652.	4.6	12
117	Life cycle assessment of the production of surface-active alkyl polyglycosides from acid-assisted ball-milled wheat straw compared to the conventional production based on corn-starch. Green Chemistry, 2018, 20, 2135-2141.	4.6	12
118	Catalystâ€Free Synthesis of Alkylpolyglycosides Induced by Highâ€Frequency Ultrasound. ChemSusChem, 2018, 11, 2673-2676.	3.6	12
119	Looking forward: a glance into the future of organic chemistry. New Journal of Chemistry, 2006, 30, 823-831.	1.4	11
120	Non-thermal atmospheric plasma: Opportunities for the synthesis of valuable oligosaccharides from biomass. Current Opinion in Green and Sustainable Chemistry, 2016, 2, 10-14.	3.2	11
121	Broad Polymorphism of Fatty Acids with Amino Organosilane Counterions, Towards Novel Templates. Chemistry of Materials, 2008, 20, 1206-1208.	3.2	10
122	High efficiency of superacid HFâ€“SbF5 for the selective decrystallizationâ€“depolymerization of cellulose to glucose. Organic and Biomolecular Chemistry, 2012, 10, 2521.	1.5	10
123	Synthesis of Alkyl Polyglycosides From Glucose and Xylose for Biobased Surfactants: Synthesis, Properties, and Applications. , 2019, , 365-385.		9
124	10 Catalytic conversion of biosourced raw materials: homogeneous catalysis. , 2012, , 231-262.		7
125	Conversion of Ammonia to Hydrazine Induced by Highâ€Frequency Ultrasound. Angewandte Chemie, 2021, 133, 25434-25438.	1.6	7
126	Design and Self-Assembly of Sugar-Based Amphiphiles: Spherical to Cylindrical Micelles. Langmuir, 2022, 38, 7535-7544.	1.6	7

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127	Catalytic oxidative dehydrogenation of malic acid to oxaloacetic acid. Green Chemistry, 2019, 21, 4604-4608.	4.6	6
128	Impact of shaping Aquivion PFSA on its catalytic performances. Catalysis Science and Technology, 2019, 9, 1231-1237.	2.1	6
129	Conversion of Ammonia to Hydrazine Induced by Highâ€Frequency Ultrasound. Angewandte Chemie - International Edition, 2021, 60, 25230-25234.	7.2	6
130	Selective Acid-Catalyzed Hydroarylation of Nonactivated Alkenes with Aniline Assisted by Hexafluoroisopropanol. Journal of Organic Chemistry, 2021, 86, 17896-17905.	1.7	6
131	Biobased furanic derivatives for sustainable development. Green Chemistry, 2021, 23, 9721-9722.	4.6	5
132	Synthesis of functionalized tetrahydrofuran derivatives from 2,5-dimethylfuran through cascade reactions. Green Chemistry, 2019, 21, 2601-2609.	4.6	4
133	Selective dihydroxylation of methyl oleate to methyl-9,10-dihydroxystearate in the presence of a recyclable tungsten based catalyst and hydrogen peroxide. New Journal of Chemistry, 2020, 44, 11507-11512.	1.4	4
134	Sequential acid-catalyzed alkyl glycosylation and oligomerization of unprotected carbohydrates. Green Chemistry, 2021, 23, 1361-1369.	4.6	3
135	Choline Chloride-Derived ILs for Activation and Conversion of Biomass. Biofuels and Biorefineries, 2014, , 61-87.	0.5	3
136	Hydroamination of ethylene with NH₃ induced by non-thermal atmospheric plasma. Reaction Chemistry and Engineering, 2021, 6, 2266-2269.	1.9	3
137	Assisted catalysis: An overview of alternative activation technologies for the conversion of biomass. , 2022, , 365-393.		3
138	Renewable carbon and eco-efficient processes. Green Chemistry, 2013, 15, 3014.	4.6	2
139	The Pivotal Role of Catalysis in France: Selected Examples of Recent Advances and Future Prospects.. ChemCatChem, 2017, 9, 2029-2064.	1.8	2
140	Pivotal role of H₂ in the isomerisation of isosorbide over a Ru/C catalyst. Catalysis Science and Technology, 2021, 11, 7973-7981.	2.1	2
141	Oxidative cyclization of linoleic acid in the presence of hydrogen peroxide and phosphotungstic acid. Molecular Catalysis, 2020, 493, 111084.	1.0	1
142	Heterogeneously-catalyzed competitive hydroarylation/hydromination of norbornene with aniline in the presence of AquivionÂ® ionomer. Molecular Catalysis, 2022, 525, 112368.	1.0	1
143	Theoretical exploration of the reactivity of cellulose models under nonâ€thermal plasma conditionsâ€”mechanistic and NBO studies. Journal of Computational Chemistry, 2022, 43, 1334-1341.	1.5	1
144	6. Biomass-derived molecules conversion to chemicals using heterogeneous and homogeneous catalysis. , 2015, , 141-164.		0

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145	3rd International Symposium on Green Chemistry. Green Chemistry, 2016, 18, 880-880.	4.6	0
146	Innentitelbild: Synthesis of Renewable <i>meta</i>â€Xylylenediamine from Biomassâ€Derived Furfural (Angew. Chem. 33/2018). Angewandte Chemie, 2018, 130, 10538-10538.	1.6	0
147	Catalystâ€Free Synthesis of Alkylpolyglycosides Induced by Highâ€Frequency Ultrasound. ChemSusChem, 2018, 11, 2642-2642.	3.6	0
148	Titelbild: Conversion of Ammonia to Hydrazine Induced by Highâ€Frequency Ultrasound (Angew. Chem.) Tj ETQq0 0 0 rgBT /Overlock 10	1.6	0