

Christophe Len

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

213
papers

5,336
citations

39
h-index

63
g-index

252
ext. papers

6,139
ext. citations

5
avg. IF

6.22
L-index

#	Paper	IF	Citations
213	Apatites based catalysts: A tentative classification. <i>Molecular Catalysis</i> , 2022 , 519, 112146	3.3	0
212	Density functional theory study of the selective oxidation of 5-Hydroxymethylfurfural (HMF) to 5-Hydroxymethyl-2-furancarboxylic acid (HMFA) on the Silver oxide surface (001). <i>Molecular Catalysis</i> , 2022 , 519, 112117	3.3	0
211	Efficient Synthesis of Dihydropyrimidines Using a Highly Ordered Mesoporous Functionalized Pyridinium Organosilica. <i>Catalysts</i> , 2022 , 12, 350	4	
210	Fire Propagation Behavior of Some Biobased Furanic Compounds with a Focus on the Polymer PEF.. <i>ACS Omega</i> , 2022 , 7, 9181-9195	3.9	1
209	Insights into bimetallic synergistic effect towards Valerolactone production under Co doped Zr-TiO ₂ . <i>Molecular Catalysis</i> , 2022 , 524, 112258	3.3	0
208	Continuous flow Reductive Alkylation of Methanol by Aldehydes. Synthesis of O-Methyl Ethers and 1,1-Dimethoxyacetals. <i>Molecular Catalysis</i> , 2022 , 524, 112321	3.3	
207	Cu/cellulose-modified magnetite nanocomposites as a highly active and selective catalyst for ultrasound-promoted aqueous O-arylation Ullmann and sp ² -sp ² Sonogashira cross-coupling reactions. <i>Sustainable Chemistry and Pharmacy</i> , 2022 , 27, 100672	3.9	1
206	High selective oxidation of 5-hydroxymethyl furfural to 5-hydroxymethyl-2-furan carboxylic acid using Ag-TiO ₂ . <i>Molecular Catalysis</i> , 2022 , 525, 112353	3.3	0
205	Carbon-Based Nanocatalysts (CnCs) for Biomass Valorization and Hazardous Organics Remediation. <i>Nanomaterials</i> , 2022 , 12, 1679	5.4	1
204	Glycerol and Catalysis by Waste/Low-Cost Materials: A Review. <i>Catalysts</i> , 2022 , 12, 570	4	3
203	One-pot synthesis of dimethyl succinate from d-fructose using Amberlyst-70 catalyst. <i>Molecular Catalysis</i> , 2021 , 508, 111584	3.3	1
202	Exploring the potential of biomass-templated Nb/ZnO nanocatalysts for the sustainable synthesis of N-heterocycles. <i>Catalysis Today</i> , 2021 , 368, 243-249	5.3	2
201	Transfer hydrogenation of furfural to furfuryl alcohol over modified Zr-based catalysts using primary alcohols as H-donors. <i>Molecular Catalysis</i> , 2021 , 499, 111199	3.3	6
200	Innovative Protocols in the Catalytic Oxidation of 5-Hydroxymethylfurfural. <i>ChemSusChem</i> , 2021 , 14, 266-280	8.3	23
199	Microwave-Assisted Continuous Flow for the Selective Oligomerization of Glycerol. <i>Catalysts</i> , 2021 , 11, 166	4	2
198	Selective oxidation of 5-hydroxymethylfurfural to 5-hydroxymethyl-2-furancarboxylic acid using silver oxide supported on calcium carbonate. <i>Molecular Catalysis</i> , 2021 , 502, 111374	3.3	4
197	DFT, Monte Carlo and molecular dynamics simulations for the prediction of corrosion inhibition efficiency of novel pyrazolynucleosides on Cu(111) surface in acidic media. <i>Scientific Reports</i> , 2021 , 11, 3771	4.9	16

196	Evaluation of the Free Radical Scavenging Activities of Ellagic Acid and Ellagic Acid Peracetate by EPR Spectrometry. <i>Molecules</i> , 2021 , 26,	4.8	1
195	Lignocellulosic biomass for bioethanol: Recent advances, technology trends, and barriers to industrial development. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2020 , 24, 56-60	7.9	39
194	Effect of KOH Pretreatment on Lignocellulosic Waste for the Reduction of Nitrobenzene to Aniline without Metal. <i>Sustainability</i> , 2020 , 12, 4665	3.6	1
193	Microwave-Assisted Oxidation of Hydroxymethyl Furfural to Added-Value Compounds over a Ruthenium-Based Catalyst. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 3091-3102	8.3	26
192	Synthesis of Furfuryl Alcohol from Furfural: A Comparison between Batch and Continuous Flow Reactors. <i>Energies</i> , 2020 , 13, 1002	3.1	13
191	Insights into the Selective Oxidation of 5-Hydroxymethylfurfural to 5-Hydroxymethyl-2-furancarboxylic Acid Using Silver Oxide. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 8486-8495	8.3	23
190	Furfural Analogs as Sustainable Corrosion Inhibitors: Predictive Efficiency Using DFT and Monte Carlo Simulations on the Cu(111), Fe(110), Al(111) and Sn(111) Surfaces in Acid Media. <i>Sustainability</i> , 2020 , 12, 3304	3.6	36
189	A review on high catalytic efficiency of solid acid catalysts for lignin valorization. <i>Bioresource Technology</i> , 2020 , 298, 122432	11	38
188	Isosorbide: Recent advances in catalytic production. <i>Molecular Catalysis</i> , 2020 , 482, 110648	3.3	9
187	Characterization and Antioxidant Activity of Microwave-Extracted Phenolic Compounds from Biomass Residues. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 1513-1519	8.3	14
186	The prediction multi-phase, multi reactant equilibria by minimizing the Gibbs energy of the system: Review of available techniques and proposal of a new method based on a Monte Carlo technique. <i>Chemical Engineering Science</i> , 2020 , 216, 115433	4.4	7
185	Recent advances in catalytic oxidation of 5-hydroxymethylfurfural. <i>Molecular Catalysis</i> , 2020 , 495, 111133	3.3	23
184	Synthesis and anti-inflammatory activity evaluation of novel chroman derivatives. <i>New Journal of Chemistry</i> , 2020 , 44, 13716-13727	3.6	1
183	Photocatalytic Production of Vanillin over CeO _x and ZrO ₂ Modified Biomass-Templated Titania. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 17085-17093	3.9	6
182	Recent advances on the catalytic conversion of waste cooking oil. <i>Molecular Catalysis</i> , 2020 , 494, 111128	3.3	18
181	Molecular Oxygen-Promoted Synthesis of Methyl Levulinate from 5-Hydroxymethylfurfural. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 14576-14583	8.3	8
180	Microwave-assisted catalytic upgrading of bio-based furfuryl alcohol to alkyl levulinate over commercial non-metal activated carbon. <i>Molecular Catalysis</i> , 2020 , 480, 110630	3.3	17
179	Theoretical analysis of the green synthesis of aniline by reduction of nitrobenzene. <i>Chemical Engineering Science</i> , 2020 , 211, 115275	4.4	5

178	Design and physicochemical properties of long and stiff fatty low molecular weight oleogelators. <i>Journal of Molecular Liquids</i> , 2019 , 295, 111708	6	7
177	A Novel Strategy for Selective α -Methylation of Glycerol in Subcritical Methanol. <i>Frontiers in Chemistry</i> , 2019 , 7, 357	5	3
176	Recent Advances in Catalytic Hydrogenation of Furfural. <i>Catalysts</i> , 2019 , 9, 796	4	82
175	Sensitivity of the Predictability of Chemical Equilibrium Software to the Choice of the Products. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 2654-2660	3.9	2
174	Continuous flow conversion of alkyl levulinates into γ -Valerolactone in the presence of Ru/C as catalyst. <i>Molecular Catalysis</i> , 2019 , 475, 110456	3.3	13
173	Mechanistic insights into the microwave-assisted cinnamyl alcohol oxidation using supported iron and palladium catalysts. <i>Molecular Catalysis</i> , 2019 , 474, 110409	3.3	8
172	Microwave-Assisted Homogeneous Acid Catalysis and Chemoenzymatic Synthesis of Dialkyl Succinate in a Flow Reactor. <i>Catalysts</i> , 2019 , 9, 272	4	8
171	Efficient Liquid-Assisted Grinding Selective Aqueous Oxidation of Sulfides Using Supported Heteropolyacid Catalysts. <i>ChemCatChem</i> , 2019 , 11, 2537-2545	5.2	5
170	One-Pot FDCA Diester Synthesis from Mucic Acid and Their Solvent-Free Regioselective Polytransesterification for Production of Glycerol-Based Furanic Polyesters. <i>Molecules</i> , 2019 , 24,	4.8	10
169	Design of New Antifungal Dithiocarbamic Esters Having Bio-Based Acrylate Moiety. <i>ACS Omega</i> , 2019 , 4, 4779-4784	3.9	5
168	cRh-Catalyzed Hydroformylation of Divinylglycol: An Effective Way to Access 2,7-Dioxadecalin-3,8-diol. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 4372-4376	3.2	
167	Synthetic, Structural, and Anticancer Activity Evaluation Studies on Novel Pyrazolynucleosides. <i>Molecules</i> , 2019 , 24,	4.8	1
166	Humins in the environment: early stage insights on ecotoxicological aspects. <i>Biofuels, Bioproducts and Biorefining</i> , 2019 , 13, 464-470	5.3	5
165	Development of Sulfonic-Acid-Functionalized Mesoporous Materials: Synthesis and Catalytic Applications. <i>Chemistry - A European Journal</i> , 2019 , 25, 1614-1635	4.8	117
164	Improving the Predictability of Chemical Equilibrium Software. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 411-419	3.9	3
163	Glycerol valorization under continuous flow conditions-recent advances. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2019 , 15, 83-90	7.9	42
162	Continuous Flow Conversion of Biomass-Derived Methyl Levulinate into γ -Valerolactone Using Functional Metal Organic Frameworks. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 6746-6752	8.3	52
161	Continuous Flow Alcoholysis of Furfuryl Alcohol to Alkyl Levulinates Using Zeolites. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 6901-6909	8.3	39

160	Continuous-Flow Reductive Alkylation: Synthesis of Bio-based Symmetrical and Disymmetrical Ethers. <i>Synthesis</i> , 2018 , 50, 1849-1856	2.9	6
159	Nanostructured Zirconium Pyrophosphate Catalyzed Diastereoselective Synthesis of β -Amino Ketones via One-Pot Three-Component Mannich Reaction. <i>Catalysis Letters</i> , 2018 , 148, 699-711	2.8	2
158	Nanostructured Pyrophosphate Na ₂ PdP ₂ O ₇ -Catalyzed Suzuki-Miyaura Cross-Coupling Under Microwave Irradiation. <i>Applied Organometallic Chemistry</i> , 2018 , 32, e4232	3.1	7
157	Palladium-Catalyzed Cross-Coupling in Continuous Flow at Room and Mild Temperature 2018 , 183-206		1
156	Microwave assisted efficient furfural production using nano-sized surface-sulfonated diamond powder. <i>Catalysis Communications</i> , 2018 , 110, 74-78	3.2	25
155	Emollients for cosmetic formulations: Towards relationships between physico-chemical properties and sensory perceptions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018 , 536, 156-164	5.1	13
154	Microwave assisted benzyl alcohol oxidation using iron particles on furfuryl alcohol derived supports. <i>Catalysis Communications</i> , 2018 , 104, 67-70	3.2	8
153	Hydrolysis of Hemicellulose and Derivatives-A Review of Recent Advances in the Production of Furfural. <i>Frontiers in Chemistry</i> , 2018 , 6, 146	5	121
152	Recent Advances in the Microwave-Assisted Production of Hydroxymethylfurfural by Hydrolysis of Cellulose Derivatives-A Review. <i>Molecules</i> , 2018 , 23,	4.8	45
151	Metal-Free Reduction of Nitrobenzene to Aniline in Subcritical Water. <i>Journal of Organic Chemistry</i> , 2018 , 83, 7431-7437	4.2	10
150	Batch versus Continuous Flow Performance of Supported Mono- and Bimetallic Nickel Catalysts for Catalytic Transfer Hydrogenation of Furfural in Isopropanol. <i>ChemCatChem</i> , 2018 , 10, 3459-3468	5.2	32
149	Comparative Study of Supported Monometallic Catalysts in the Liquid-Phase Hydrogenation of Furfural: Batch Versus Continuous Flow. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 9831-9844	8.3	40
148	Emerging Roles of Calreticulin in Cancer: Implications for Therapy. <i>Current Protein and Peptide Science</i> , 2018 , 19, 344-357	2.8	16
147	Comprehensive study on expeditious conversion of pre-hydrolyzed alginic acid to furfural in Cu(II) biphasic systems using microwaves. <i>Molecular Catalysis</i> , 2018 , 445, 73-79	3.3	16
146	Continuous Flow Conversion of Glycerol into Chemicals: An Overview. <i>Synthesis</i> , 2018 , 50, 723-741	2.9	42
145	Divinylglycol, a Glycerol-Based Monomer: Valorization, Properties, and Applications. <i>ACS Symposium Series</i> , 2018 , 299-330	0.4	2
144	Insights on Thermal and Fire Hazards of Humins in Support of Their Sustainable Use in Advanced Biorefineries. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 16692-16701	8.3	17
143	Application of Heck Alkenylation Reaction in Modified Nucleoside Synthesis 2018 , 147-166		2

142	Facile, catalyst-free, microwave-assisted access toward the synthesis of 2-aryl/alkyl-3-(1H-benzo[d]imidazol-2-yl)-2, 3-dihydroquinazolin-4(1H)-ones. <i>Synthetic Communications</i> , 2017 , 47, 756-763	1.7	6
141	Activity of continuous flow synthesized Pd-based nanocatalysts in the flow hydroconversion of furfural. <i>Tetrahedron</i> , 2017 , 73, 5599-5604	2.4	31
140	Various carbohydrate precursors dehydration to 5-HMF in an acidic biphasic system under microwave heating using betaine as a co-catalyst. <i>Molecular Catalysis</i> , 2017 , 434, 80-85	3.3	30
139	Hydroxyapatite: A review of syntheses, structure and applications in heterogeneous catalysis. <i>Coordination Chemistry Reviews</i> , 2017 , 347, 48-76	23.2	207
138	Application of sulfonated carbon-based catalyst for the furfural production from d -xylose and xylan in a microwave-assisted biphasic reaction. <i>Molecular Catalysis</i> , 2017 , 438, 167-172	3.3	58
137	Selective One-Pot Three-Step Cascade Reaction: From Aromatic Aldehydes to 2,2-Diphenylethanol Derivatives. <i>Organic Process Research and Development</i> , 2017 , 21, 835-843	3.9	1
136	Chemoenzymatic Synthesis, Nanotization, and Anti-Aspergillus Activity of Optically Enriched Fluconazole Analogues. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	3
135	A review of progress in (bio)catalytic routes from/to renewable succinic acid. <i>Biofuels, Bioproducts and Biorefining</i> , 2017 , 11, 908-931	5.3	54
134	Glycerol oligomerization in continuous flow reactor. <i>Journal of Industrial and Engineering Chemistry</i> , 2017 , 51, 312-318	6.3	18
133	Green and Scalable Palladium-on-Carbon-Catalyzed Tsuji-Trost Coupling Reaction Using an Efficient and Continuous Flow System. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 1078-1085	3.2	8
132	Sodium modified hydroxyapatite: Highly efficient and stable solid-base catalyst for biodiesel production. <i>Energy Conversion and Management</i> , 2017 , 149, 355-367	10.6	37
131	Efficient Synthesis, Calorimetric and Rheological Studies of Symmetrical Biobased Fatty Ethers. <i>Industrial & Engineering Chemistry Research</i> , 2017 , 56, 10329-10334	3.9	2
130	Sustainable pathway to furanics from biomass via heterogeneous organo-catalysis. <i>Green Chemistry</i> , 2017 , 19, 164-168	10	60
129	Sulfonated Sporopollenin as an Efficient and Recyclable Heterogeneous Catalyst for Dehydration of d-Xylose and Xylan into Furfural. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 392-398	8.3	38
128	A new and original microwave continuous reactor under high pressure for future chemistry. <i>AIChE Journal</i> , 2017 , 63, 192-199	3.6	18
127	Glycerol in subcritical and supercritical solvents. <i>Journal of Chemical Technology and Biotechnology</i> , 2017 , 92, 14-26	3.5	24
126	Palladium-Catalyzed Suzuki-Miyaura Cross-Coupling in Continuous Flow. <i>Catalysts</i> , 2017 , 7, 146	4	53
125	Triphenyl Phosphite-mediated Green Synthesis of Novel Carboxycoumarin Amides. <i>Current Green Chemistry</i> , 2017 , 3, 366-373	1.3	1

124	A Simple and Efficient Process for Large Scale Glycerol Oligomerization by Microwave Irradiation. <i>Catalysts</i> , 2017 , 7, 123	4	15
123	Neuroprotective and Antioxidant Activities of 4-Methylcoumarins: Development of Structure-Activity Relationships. <i>Biological and Pharmaceutical Bulletin</i> , 2016 , 39, 1544-8	2.3	5
122	Limitations of current risk assessment methods to foresee emerging risks: Towards a new methodology?. <i>Journal of Loss Prevention in the Process Industries</i> , 2016 , 43, 730-735	3.5	8
121	Conjugated Dienyl Derivatives by Green Bisallylic Substitution: Synthetic and Mechanistic Insight. <i>ChemCatChem</i> , 2016 , 8, 2321-2328	5.2	6
120	Selective Pinacol-Coupling Reaction using a Continuous Flow System. <i>Journal of Organic Chemistry</i> , 2016 , 81, 11065-11071	4.2	10
119	Synthesis of macromolecular systems via lipase catalyzed biocatalytic reactions: applications and future perspectives. <i>Chemical Society Reviews</i> , 2016 , 45, 6855-6887	58.5	27
118	Modified fluorapatite as highly efficient catalyst for the synthesis of chalcones via Claisen-Schmidt condensation reaction. <i>Journal of Industrial and Engineering Chemistry</i> , 2016 , 39, 218-225	6.3	21
117	Microwave-Assisted, Metal-Free, Base-Mediated C-N Bond Formation/Cleavage: Synthesis of Benzimidazo[1,2-a]quinazoline Derivatives. <i>ACS Sustainable Chemistry and Engineering</i> , 2016 , 4, 2206-2210	8.3	13
116	Azobenzenes and catalysis. <i>Catalysis Science and Technology</i> , 2016 , 6, 379-398	5.5	36
115	Simple green dehydration in biphasic medium: Application to the synthesis of phenylacetaldehyde. <i>Journal of Molecular Catalysis A</i> , 2016 , 411, 72-77		3
114	Natural Phosphate-Supported Palladium for Hydration of Aromatic Nitriles to Amides in Aqueous Medium. <i>Current Organic Chemistry</i> , 2016 , 20, 2022-2028	1.7	3
113	Chemo-Enzymatic Synthesis of Oligoglycerol Derivatives. <i>Molecules</i> , 2016 , 21,	4.8	10
112	Biocatalytic Synthesis of Novel Partial Esters of a Bioactive Dihydroxy 4-Methylcoumarin by <i>Rhizopus oryzae</i> Lipase (ROL). <i>Molecules</i> , 2016 , 21,	4.8	3
111	Furfural Production from d-Xylose and Xylan by Using Stable Nafion NR50 and NaCl in a Microwave-Assisted Biphasic Reaction. <i>Molecules</i> , 2016 , 21,	4.8	42
110	Conversion of xylose, xylan and rice husk into furfural via betaine and formic acid mixture as novel homogeneous catalyst in biphasic system by microwave-assisted dehydration. <i>Journal of Molecular Catalysis A</i> , 2016 , 423, 520-525		44
109	First examples of Doebner-Miller reaction in flow: Efficient production of 2-methylquinoline derivatives in water. <i>Journal of Flow Chemistry</i> , 2016 , 6, 80-85	3.3	9
108	Synthesis and anti-inflammatory activity evaluation of novel triazolyl-isatin hybrids. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016 , 31, 1520-6	5.6	33
107	Toward the Sustainable Synthesis of Biosourced Divinylglycol from Glycerol. <i>ACS Sustainable Chemistry and Engineering</i> , 2016 , 4, 6996-7003	8.3	14

106	Barton decarboxylation under ultrasonic continuous flow. <i>New Journal of Chemistry</i> , 2016 , 40, 7414-7420.	6	6
105	Highly Selective Biocatalytic Transesterification Reactions on Aryl 3-hydroxy-2-(hydroxymethyl)-2-methylpropanoates. <i>Catalysis Letters</i> , 2015 , 145, 919-929	2.8	4
104	One-step Barton decarboxylation by micellar catalysis Application to the synthesis of maleimide derivatives. <i>RSC Advances</i> , 2015 , 5, 69616-69620	3.7	6
103	Heck and Sonogashira couplings in aqueous media Application to unprotected nucleosides and nucleotides. <i>Sustainable Chemical Processes</i> , 2015 , 3,		18
102	Aqueous microwave-assisted cross-coupling reactions applied to unprotected nucleosides. <i>Frontiers in Chemistry</i> , 2015 , 3, 10	5	6
101	First pinacol coupling in emulsified water: key role of surfactant and impact of alternative activation technologies. <i>ChemSusChem</i> , 2015 , 8, 1664-75	8.3	9
100	Simple and expeditious pinacol coupling of non usual Unsaturated carbonyl compounds in water. <i>RSC Advances</i> , 2015 , 5, 46026-46030	3.7	8
99	Synthesis of Phenylacetaldehyde from 1-Phenylethan-1,2-diol by Microwave-Assisted Dehydration in Water. <i>Catalysis Letters</i> , 2015 , 145, 1851-1855	2.8	5
98	Microwave-assisted dehydration of D-xylose into furfural by diluted inexpensive inorganic salts solution in a biphasic system. <i>Journal of Molecular Catalysis A</i> , 2015 , 410, 1-7		66
97	Coupling of OECD standardized test and immunomarkers to select the most environmentally benign ionic liquids option—towards an innovative "safety by design" approach. <i>Journal of Hazardous Materials</i> , 2015 , 283, 202-10	12.8	40
96	Synthesis of C-arylnucleoside analogues. <i>Molecules</i> , 2015 , 20, 4967-97	4.8	3
95	Self-assembly, photoresponsive behavior and transport potential of azobenzene grafted dendronized polymeric amphiphiles. <i>RSC Advances</i> , 2015 , 5, 48301-48310	3.7	19
94	Selective Pinacol Coupling on Regeneratable Supported Acids in Sole Water. <i>Journal of Organic Chemistry</i> , 2015 , 80, 6375-80	4.2	14
93	Microwaves under pressure for the continuous production of quinoline from glycerol. <i>Catalysis Today</i> , 2015 , 255, 66-74	5.3	24
92	Natural Phosphate-supported Palladium: A Highly Efficient and Recyclable Catalyst for the Suzuki-Miyaura Coupling Under Microwave Irradiation. <i>Current Organic Chemistry</i> , 2015 , 18, 3141-3148	1.7	13
91	Nano-Structured Pyrophosphate Na ₂ CaP ₂ O ₇ as Catalyst for Selective Synthesis of 1,2-Disubstituted Benzimidazoles in Pure Water. <i>Current Organic Chemistry</i> , 2015 , 19, 2132-2140	1.7	6
90	Solventless oxidative coupling of amines to imines by using transition-metal-free metal-organic frameworks. <i>ChemSusChem</i> , 2014 , 7, 1684-8	8.3	52
89	Original access to 5-aryluracils from 5-iodo-2'-deoxyuridine via a microwave assisted Suzuki-Miyaura cross-coupling/deglycosylation sequence in pure water. <i>RSC Advances</i> , 2014 , 4, 46218-46223	3.7	20

88	Palladium-catalyzed Suzuki reaction in aqueous solvents applied to unprotected nucleosides and nucleotides. <i>RSC Advances</i> , 2014 , 4, 18558-18594	3.7	66
87	Targeting adequate thermal stability and fire safety in selecting ionic liquid-based electrolytes for energy storage. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 1967-76	3.6	62
86	First ligand-free, microwave-assisted, Heck cross-coupling reaction in pure water on a nucleoside □ application to the synthesis of antiviral BVDU. <i>RSC Advances</i> , 2014 , 4, 46926-46929	3.7	34
85	Ceria-supported copper nanoparticles: A highly efficient and recyclable catalyst for N-arylation of indole. <i>Journal of Molecular Catalysis A</i> , 2014 , 395, 409-419		19
84	Micellar catalysis using a photochromic surfactant: application to the Pd-catalyzed Tsuji-Trost reaction in water. <i>Journal of Organic Chemistry</i> , 2014 , 79, 493-500	4.2	43
83	Quinoline and phenanthroline preparation starting from glycerol via improved microwave-assisted modified Skraup reaction. <i>RSC Advances</i> , 2014 , 4, 21456-21464	3.7	51
82	High-affinity RNA targeting by oligonucleotides displaying aromatic stacking and amino groups in the major groove. Comparison of triazoles and phenyl substituents. <i>Journal of Organic Chemistry</i> , 2014 , 79, 2854-63	4.2	27
81	Synthesis and characterization of a new photoinduced switchable βcyclodextrin dimer. <i>Beilstein Journal of Organic Chemistry</i> , 2014 , 10, 2874-85	2.5	12
80	Continuous flow transformations of glycerol to valuable products: an overview. <i>Sustainable Chemical Processes</i> , 2014 , 2,		78
79	Toward the synthesis of 6-hydroxyquinoline starting from glycerol via improved microwave-assisted modified Skraup reaction. <i>Catalysis Communications</i> , 2014 , 44, 15-18	3.2	45
78	Synthesis of 6-aryluridines via SuzukiMiyaura cross-coupling reaction at room temperature under aerobic ligand-free conditions in neat water. <i>Tetrahedron Letters</i> , 2013 , 54, 3374-3377	2	17
77	Palladium supported on natural phosphate: Catalyst for Suzuki coupling reactions in water. <i>Applied Catalysis A: General</i> , 2013 , 450, 13-18	5.1	39
76	Ligandless SuzukiMiyaura reaction in neat water with or without native βcyclodextrin as additive. <i>Catalysis Communications</i> , 2013 , 32, 101-107	3.2	36
75	An innovative experimental approach aiming to understand and quantify the actual fire hazards of ionic liquids. <i>Energy and Environmental Science</i> , 2013 , 6, 699	35.4	49
74	βCyclodextrin□glycerol Dimers: Synthesis and NMR Conformational Analysis. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 2583-2590	3.2	12
73	A cyclodextrin dimer as a supramolecular reaction platform for aqueous organometallic catalysis. <i>Chemical Communications</i> , 2013 , 49, 6989-91	5.8	22
72	Improved microwave-assisted ligand-free SuzukiMiyaura cross-coupling of 5-iodo-2'-deoxyuridine in pure water. <i>New Journal of Chemistry</i> , 2013 , 37, 1989	3.6	54
71	New, Efficient Approach for the Ligand-Free SuzukiMiyaura Reaction of 5-Iodo-2'-deoxyuridine in Water. <i>Synthesis</i> , 2013 , 45, 330-333	2.9	20

70	Formal synthesis of TMC-69-6H via a one-pot enantioselective domino proline-mediated aldol/olefin homologation procedure. <i>Tetrahedron</i> , 2012 , 68, 433-439	2.4	4
69	Synthesis and evaluation of a photochromic surfactant for organic reactions in aqueous media. <i>Journal of Organic Chemistry</i> , 2012 , 77, 9553-61	4.2	31
68	Water-soluble diphosphadiazacyclooctanes as ligands for aqueous organometallic catalysis. <i>Catalysis Communications</i> , 2012 , 29, 77-81	3.2	7
67	Evaluation of Heats of Combustion of Ionic Liquids through Use of Existing and Purpose-Built Models. <i>Industrial & Engineering Chemistry Research</i> , 2012 , 51, 3149-3156	3.9	31
66	Revisiting physico-chemical hazards of ionic liquids. <i>Separation and Purification Technology</i> , 2012 , 97, 228-234	8.3	75
65	Impact of cyclodextrins on the behavior of amphiphilic ligands in aqueous organometallic catalysis. <i>Beilstein Journal of Organic Chemistry</i> , 2012 , 8, 1479-84	2.5	19
64	Novel Strategy for the Bis-Butenolide Synthesis via Ring-Closing Metathesis. <i>Synthesis</i> , 2012 , 44, 137-143	3.9	6
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