

# Green and Sustainable Solvents in Chemical Processes

Chemical Reviews

118, 747-800

DOI: [10.1021/acs.chemrev.7b00571](https://doi.org/10.1021/acs.chemrev.7b00571)

Citation Report

#	ARTICLE	IF	CITATIONS
2	Aqueous-Processed, High-Capacity Electrodes for Membrane Capacitive Deionization. <i>Environmental Science &amp; Technology</i> , 2018, 52, 5859-5867.	4.6	65
3	Towards Sustainable C-H Functionalization Reactions: The Emerging Role of Bio-Based Reaction Media. <i>Chemistry - A European Journal</i> , 2018, 24, 13383-13390.	1.7	42
4	Advantageous Use of Ionic Liquids for the Synthesis of Pharmaceutically Relevant Quinolones. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 2977-2983.	1.2	10
5	Hydration and alkoxylation of alkynes catalyzed by NHC-Au-OTf. <i>Green Chemistry</i> , 2018, 20, 2125-2134.	4.6	40
6	Synergism between ionic liquid and ultrasound for greener extraction of geraniol: Optimization using different statistical tools, comparison and prediction. <i>Chemical Engineering Research and Design</i> , 2018, 134, 162-171.	2.7	17
7	A PEG/copper halide cluster as an eco-friendly catalytic system for C-N bond formation. <i>Dalton Transactions</i> , 2018, 47, 7463-7470.	1.6	9
8	A theoretical study on lidocaine solubility in deep eutectic solvents. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 27464-27473.	1.3	54
9	Influence of Hydration on the Structure of Reline Deep Eutectic Solvent: A Molecular Dynamics Study. <i>ACS Omega</i> , 2018, 3, 15246-15255.	1.6	122
10	Solvents/Eutectic Solvents. , 2018, , 184-184.		1
11	Basic ionic liquids promoted chemical transformation of CO <sub>2</sub> to organic carbonates. <i>Science China Chemistry</i> , 2018, 61, 1486-1493.	4.2	31
12	Cobalt-Catalyzed Hydroarylations and Hydroaminations of Alkenes in Tunable Aryl Alkyl Ionic Liquids. <i>Organic Letters</i> , 2018, 20, 6215-6219.	2.4	41
13	Discovery of a Photoinduced Dark Catalytic Cycle Using <i>in Situ</i> LED-NMR Spectroscopy. <i>Journal of the American Chemical Society</i> , 2018, 140, 13843-13853.	6.6	30
14	Bifunctional Amine-Squaramides as Organocatalysts in Michael/Hemiketalization Reactions of $\alpha,\beta$ -Unsaturated $\alpha$ -Ketoesters and $\alpha,\beta$ -Unsaturated Ketones with 4-Hydroxycoumarins. <i>Journal of Organic Chemistry</i> , 2018, 83, 13111-13120.	1.7	31
15	Transformation of alcohols to esters promoted by hydrogen bonds using oxygen as the oxidant under metal-free conditions. <i>Science Advances</i> , 2018, 4, eaas9319.	4.7	63
16	Decarboxylative Arylation of $\alpha,\beta$ -Unsaturated Carboxylic Acids Using Aryl Triazenes by Copper/Ionic Liquid Combination in PEG-400. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 5942-5946.	1.2	13
17	$\gamma$ -Valerolactone as a Promising Bio-Compatible Media for One-Pot Synthesis of Spiro[indoline-3,4'-pyrano[3,2-c]]chromene Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2018, 55, 2817-2822.	1.4	10
18	Effect of the Solvent in Enhancing the Selectivity to Furan Derivatives in the Catalytic Hydrogenation of Furfural. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 16235-16247.	3.2	50
19	Recent Advances on the Use of 2-methyltetrahydrofuran (2-MeTHF) in Biotransformations. <i>Current Green Chemistry</i> , 2018, 5, 86-103.	0.7	63

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20	Heterogeneous acidic catalysts for the tetrahydropyranlation of alcohols and phenols in green ethereal solvents. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 1655-1659.	1.3	8
21	Dual function of amino acid ionic liquids (Bmim[AA]) on the degradation of the organophosphorus pesticide, Paraoxon <sup>®</sup> . <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 7446-7453.	1.5	13
22	Computationally Assisted Mechanistic Investigation and Development of Pd-Catalyzed Asymmetric Suzuki-Miyaura and Negishi Cross-Coupling Reactions for Tetra-ortho-Substituted Biaryl Synthesis. <i>ACS Catalysis</i> , 2018, 8, 10190-10209.	5.5	70
23	Adventures in Atropisomerism: Development of a Robust, Diastereoselective, Lithium-Catalyzed Atropisomer-Forming Active Pharmaceutical Ingredient Step. <i>Organic Process Research and Development</i> , 2018, 22, 1426-1431.	1.3	9
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25	Dioxygen Activation by Laccases: Green Chemistry for Fine Chemical Synthesis. <i>Catalysts</i> , 2018, 8, 223.	1.6	28
26	A review on the production of nitrogen-containing compounds from microalgal biomass via pyrolysis. <i>Bioresource Technology</i> , 2018, 270, 689-701.	4.8	76
27	Dehydration/Rehydration Cycles for Mixing Phospholipids without the Use of Organic Solvents. <i>Langmuir</i> , 2018, 34, 6869-6873.	1.6	6
28	Solvent Polarity of Cyclic Ketone (Cyclopentanone, Cyclohexanone): Alcohol (Methanol, Ethanol) Renewable Mixed-Solvent Systems for Applications in Pharmaceutical and Chemical Processing. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 7331-7344.	1.8	28
29	Sustainable hydrophobic terpene-based eutectic solvents for the extraction and separation of metals. <i>Chemical Communications</i> , 2018, 54, 8104-8107.	2.2	116
30	Ultrasound and Ionic Liquid: An Ideal Combination for Organic Transformations. <i>ChemistrySelect</i> , 2018, 3, 5283-5295.	0.7	39
31	Cycloaddition Reaction of Spiro-Epoxy Oxindole with CO <sub>2</sub> at Atmospheric Pressure Using Deep Eutectic Solvent. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 11200-11205.	3.2	46
32	Bioavailable Solvent Cyrene: Synthesis, Derivatization, and Applications. <i>ChemSusChem</i> , 2018, 11, 3048-3055.	3.6	134
33	Avoiding hot-spots in Microwave-assisted Pd/C catalysed reactions by using the biomass derived solvent l <sup>3</sup> -Valerolactone. <i>Scientific Reports</i> , 2018, 8, 10571.	1.6	28
34	Deep Eutectic Mixtures as Reaction Media for the Enantioselective Organocatalyzed $\alpha$ -Amination of 1,3-Dicarbonyl Compounds. <i>Catalysts</i> , 2018, 8, 217.	1.6	16
35	Visible-Light-Driven Epoxyacylation and Hydroacylation of Olefins Using Methylene Blue/Persulfate System in Water. <i>Journal of Organic Chemistry</i> , 2018, 83, 8331-8340.	1.7	36
36	A Greener and Efficient Method for Nucleophilic Aromatic Substitution of Nitrogen-Containing Fused Heterocycles. <i>Molecules</i> , 2018, 23, 684.	1.7	16
37	Electrochemical fabrication of nanoporous gold electrodes in a deep eutectic solvent for electrochemical detections. <i>Chemical Communications</i> , 2018, 54, 8853-8856.	2.2	31

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38	Environmentally benign non-fluoro deep eutectic solvent and free-standing rice husk-derived bio-carbon based high-temperature supercapacitors. <i>Electrochimica Acta</i> , 2018, 286, 148-157.	2.6	32
39	Creating solvation environments in heterogeneous catalysts for efficient biomass conversion. <i>Nature Communications</i> , 2018, 9, 3236.	5.8	70
40	Ethanol: A Promising Green Solvent for the Deconstruction of Lignocellulose. <i>ChemSusChem</i> , 2018, 11, 3559-3575.	3.6	81
41	OPLS Force Field for Choline Chloride-Based Deep Eutectic Solvents. <i>Journal of Physical Chemistry B</i> , 2018, 122, 9982-9993.	1.2	132
42	One-pot synthesis of ordered nanoporous amorphous H-Zn-aluminosilicate for catalysis of bulky molecules. <i>Sustainable Energy and Fuels</i> , 2018, 2, 1693-1698.	2.5	10
43	Phenol Derivatives in Ruthenium-Catalyzed C-H Arylation: A General Synthetic Access to Azole-Based Congested Polyaromatics. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 4953-4958.	1.2	13
44	Supercritical CO <sub>2</sub> extraction of solids using aqueous ethanol as static modifier is a two-step mass transfer process. <i>Journal of Supercritical Fluids</i> , 2019, 143, 179-190.	1.6	12
45	A novel crosslinking technique towards the fabrication of high-flux polybenzimidazole (PBI) membranes for organic solvent nanofiltration (OSN). <i>Separation and Purification Technology</i> , 2019, 209, 182-192.	3.9	104
46	Rationalizing the Phase Behavior of Triblock Copolymers through Experiments and Molecular Simulations. <i>Journal of Physical Chemistry C</i> , 2019, 123, 21224-21236.	1.5	33
47	Extraction of dyes contained in glow sticks using liquid CO <sub>2</sub> . <i>Green Chemistry Letters and Reviews</i> , 2019, 12, 102-106.	2.1	0
48	Polyphenol Extraction from <i>Humulus lupulus</i> (Hop) Using a Neoteric Glycerol/L-Alanine Deep Eutectic Solvent: Optimisation, Kinetics and the Effect of Ultrasound-Assisted Pretreatment. <i>AgriEngineering</i> , 2019, 1, 403-417.	1.7	27
49	Green Synthesis of Privileged Benzimidazole Scaffolds Using Active Deep Eutectic Solvent. <i>Molecules</i> , 2019, 24, 2885.	1.7	40
50	Enhanced oil recovery using polyacrylates/ACTF crosslinked composite: Preparation, characterization and coreflood investigation. <i>Journal of Petroleum Science and Engineering</i> , 2019, 181, 106236.	2.1	15
51	Enabling technologies for the extraction of grape-pomace anthocyanins using natural deep eutectic solvents in up-to-half-litre batches extraction of grape-pomace anthocyanins using NADES. <i>Food Chemistry</i> , 2019, 300, 125185.	4.2	157
52	Catalyst- and reagent-free 1,6-hydrophosphonylation of <i>p</i> -quinone methides: a practical approach for the synthesis of diarylmethyl phosphine oxides. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 7536-7546.	1.5	14
53	Sustainable hydrogenation of aliphatic acyclic primary amides to primary amines with recyclable heterogeneous ruthenium-tungsten catalysts. <i>Green Chemistry</i> , 2019, 21, 5326-5335.	4.6	21
54	Deep eutectic solvent promoted hydrothiocyanation of alkynoates leading to Z-3-thiocyanatoacrylates. <i>Tetrahedron</i> , 2019, 75, 130456.	1.0	14
55	A metrics-based approach to preparing sustainable membranes: application to ultrafiltration. <i>Green Chemistry</i> , 2019, 21, 4457-4469.	4.6	23

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56	Rapid, High-Yield Fructose Dehydration to 5-Hydroxymethylfurfural in Mixtures of Water and the Noncoordinating Ionic Liquid [bmim][OTf]. <i>ChemSusChem</i> , 2019, 12, 4452-4460.	3.6	31
57	The pivotal role of the counterion in gold catalyzed hydration and alkoxylation of alkynes. <i>Coordination Chemistry Reviews</i> , 2019, 396, 103-116.	9.5	46
58	Self-Assembly of Diblock Copolymers Containing Thermo- and Photoresponsive Lower Critical Solution Temperature Phase Behavior Polymer with Tunable Assembly Temperature in an Ionic Liquid Mixture. <i>ACS Omega</i> , 2019, 4, 11229-11236.	1.6	7
59	Solvent issues in the Baylis-Hillman reaction of 5-hydroxymethyl furfural (HMF) and 5-glucosyloxymethyl furfural (GMF). Towards no-solvent conditions. <i>Pure and Applied Chemistry</i> , 2019, 91, 1149-1158.	0.9	2
60	Structural Factors Determining Thermal Stability Limits of Ionic Liquid/MOF Composites: Imidazolium Ionic Liquids Combined with CuBTC and ZIF-8. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 14124-14138.	1.8	40
61	Biphasic Aqueous Reaction Conditions for Process-Friendly Palladium-Catalyzed C-N Cross-Coupling of Aryl Amines. <i>Organic Process Research and Development</i> , 2019, 23, 1752-1757.	1.3	11
62	Benzimidazolyl Palladium Complexes as Highly Active and General Bifunctional Catalysts in Sustainable Cross-Coupling Reactions. <i>ACS Catalysis</i> , 2019, 9, 6993-6998.	5.5	27
63	NMR study of choline chloride-based deep eutectic solvents. <i>Journal of Molecular Liquids</i> , 2019, 290, 111236.	2.3	87
64	Lignin Conversion Using Catalytic Ionic Liquids: Understanding the Role of Cations, Anions, and Hammett Acidity Functions. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 21273-21284.	1.8	28
65	Landscape planning and design of tourist highway service area under the background of all-for-one tourism system. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 304, 032092.	0.2	2
66	Hydrogen-Bond-Promoted Metal-Free Hydroamination of Alkynes. <i>Synlett</i> , 2019, 30, 2086-2090.	1.0	3
67	Cellulose as recyclable organocatalyst for ipso-hydroxylation of arylboronic acids. <i>Tetrahedron Letters</i> , 2019, 60, 151044.	0.7	19
68	Parametric studies of Cu(II) ion extraction into palm kernel fatty acid distillate as a green organic solvent. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103488.	3.3	4
69	Hierarchical Rambutan-Like CNTs Assembled Ni-Co@rGO Composite as Sulfur Immobilizer for High-Performance Lithium-Sulfur Batteries. <i>ChemElectroChem</i> , 2019, 6, 4565-4570.	1.7	10
70	Transport and Mechanical Properties of ABA-type Triblock Copolymer Ion Gels Correlated with Their Microstructures. <i>Macromolecules</i> , 2019, 52, 8430-8439.	2.2	20
71	Recent Advances of Using Ionic Liquids for Biopolymer Extraction and Processing. <i>Biotechnology Journal</i> , 2019, 14, e1900072.	1.8	25
72	Improving the Performance of PVDF/PVDF- <i>g</i> -PEGMA Ultrafiltration Membranes by Partial Solvent Substitution with Green Solvent Dimethyl Sulfoxide during Fabrication. <i>ACS Omega</i> , 2019, 4, 19799-19807.	1.6	23
73	Visible Light-Initiated Catalyst-Free One-Pot, Multicomponent Construction of 5-Substituted Indole Chromeno[2,3- <i>b</i> ]pyridines. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 5182-5190.	2.1	55

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74	Palladium-Catalyzed Aminocarbonylation Reaction to Access 1,2,3-Triazole-5-carboxamides Using Dimethyl Carbonate as Sustainable Solvent. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 6673-6681.	1.2	15
75	Direct Solution-Based Synthesis of Na <sub>4</sub> (B <sub>12</sub> H <sub>12</sub> )(B <sub>10</sub> H <sub>10</sub> ) Solid Electrolyte. <i>ChemSusChem</i> , 2019, 12, 4832-4837.	3.6	26
76	ZnCl <sub>2</sub> /Urea Eutectic Solvent as Stable Carbonylation Source for Benign Synthesis of 2-Benzimidazolones and 2-Imidazolones: An Effective Strategy for Preventing NH <sub>3</sub> Gas Evolution. <i>ChemistrySelect</i> , 2019, 4, 11093-11097.	0.7	13
77	Trash to Treasure: Eco-Friendly and Practical Synthesis of Amides by Nitriles Hydrolysis in WEPPA. <i>Molecules</i> , 2019, 24, 3838.	1.7	9
78	One-Pot Diastereoselective Synthesis of Tetrahydroquinolines from Star Anise Oil in a Choline Chloride/Zinc Chloride Eutectic Mixture. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 18630-18639.	3.2	22
79	Recent advances in covalent organic frameworks (COFs) as a smart sensing material. <i>Chemical Society Reviews</i> , 2019, 48, 5266-5302.	18.7	630
80	Biomolecule-derived supported cobalt nanoparticles for hydrogenation of industrial olefins, natural oils and more in water. <i>Green Chemistry</i> , 2019, 21, 5104-5112.	4.6	11
81	Synergies in the co-location of food manufacturing and biorefining. <i>Food and Bioprocess Technology</i> , 2019, 117, 340-359.	1.8	16
82	Poly-quasi-eutectic solvents (PQESs): versatile solvents for dissolving metal oxides. <i>Green Chemistry</i> , 2019, 21, 5571-5578.	4.6	37
83	Insights on [BMIM][BF <sub>4</sub> ] and [BMIM][PF <sub>6</sub> ] ionic liquids and their binary mixtures with acetone and acetonitrile. <i>Journal of Molecular Liquids</i> , 2019, 294, 111632.	2.3	13
84	Catalyst-free hydrophosphination of alkenes in presence of 2-methyltetrahydrofuran: a green and easy access to a wide range of tertiary phosphines. <i>RSC Advances</i> , 2019, 9, 27250-27256.	1.7	18
85	Greener Terpene-Terpene Eutectic Mixtures as Hydrophobic Solvents. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 17414-17423.	3.2	85
86	Biocatalysis as Useful Tool in Asymmetric Synthesis: An Assessment of Recently Granted Patents (2014-2019). <i>Catalysts</i> , 2019, 9, 802.	1.6	69
87	An enhanced ionic liquid-tolerant immobilized cellulase system via hydrogel microsphere for improving in situ saccharification of biomass. <i>Bioresource Technology</i> , 2019, 294, 122146.	4.8	37
88	Going Green in Process Chemistry: Optimizing an Asymmetric Oxidation Reaction To Synthesize the Antiulcer Drug Esomeprazole. <i>Journal of Chemical Education</i> , 2019, 96, 2617-2621.	1.1	12
89	Ethyl lactate as a renewable carbonyl source for the synthesis of diynones. <i>Green Chemistry</i> , 2019, 21, 213-218.	4.6	14
90	Resolving X-ray photoelectron spectra of ionic liquids with difference spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 114-123.	1.3	13
91	Green Solvent for the Synthesis of Linear $\hat{\pm}$ -Olefins from Fatty Acids. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 4903-4911.	3.2	9

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92	Recent advances of CO <sub>2</sub> -responsive materials in separations. <i>Journal of CO<sub>2</sub> Utilization</i> , 2019, 30, 79-99.	3.3	64
93	Ionic Liquid from Vitamin B1 Analogue and Heteropolyacid: A Recyclable Heterogeneous Catalyst for Dehydrative Coupling in Organic Carbonate. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 3727-3732.	3.2	64
94	Microwave-Assisted Dehydrogenative Cross Coupling Reactions in $\gamma$ -valerolactone with a Reusable Pd/ $\beta$ -cyclodextrin Crosslinked Catalyst. <i>Molecules</i> , 2019, 24, 288.	1.7	19
95	Anisole: a further step to sustainable hydroformylation. <i>Green Chemistry</i> , 2019, 21, 1091-1098.	4.6	47
96	Microwave-Assisted One-Pot [3+2] Cycloaddition of Azomethine Ylides and $\beta$ -Alkenyl Oxindoles: A Facile Approach to Pyrrolidine-Fused Bis-Spirooxindoles. <i>ChemistrySelect</i> , 2019, 4, 1727-1730.	0.7	27
97	Comparison and validation of methods for the determination of <sup>90</sup> Sr by Cerenkov counting in biological and sediment samples, including green chemistry metrics. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2019, 320, 109-122.	0.7	6
98	Recent advances in the Suzuki-Miyaura cross-coupling reaction using efficient catalysts in eco-friendly media. <i>Green Chemistry</i> , 2019, 21, 381-405.	4.6	323
99	Origins of complex solvent effects on chemical reactivity and computational tools to investigate them: a review. <i>Reaction Chemistry and Engineering</i> , 2019, 4, 165-206.	1.9	108
100	Enhanced one-step sample pretreatment method for extraction of ginsenosides from rat plasma using tailor-made deep eutectic mixture solvents. <i>Analytical Methods</i> , 2019, 11, 1035-1042.	1.3	9
101	Rapid desorption of CO <sub>2</sub> from deep eutectic solvents based on polyamines at lower temperatures: an alternative technology with industrial potential. <i>Sustainable Energy and Fuels</i> , 2019, 3, 2125-2134.	2.5	21
102	From Lossen Transposition to Solventless $\alpha$ -Medicinal Mechanochemistry. <i>ACS Sustainable Chemistry and Engineering</i> , 0, , .	3.2	12
103	Alkanediol-based deep eutectic solvents for isolation of terpenoids from citrus essential oil: Experimental evaluation and COSMO-RS studies. <i>Separation and Purification Technology</i> , 2019, 227, 115707.	3.9	44
104	Green Solvent Mixtures for Solid-Phase Peptide Synthesis: A Dimethylformamide-Free Highly Efficient Synthesis of Pharmaceutical-Grade Peptides. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 12867-12877.	3.2	69
105	Preparation of flame-retardant lignin-containing wood nanofibers using a high-consistency mechano-chemical pretreatment. <i>Chemical Engineering Journal</i> , 2019, 375, 122050.	6.6	59
106	Synergy of in-situ formation of carbonic acid and supercritical CO <sub>2</sub> -expanded liquids: Application to extraction of andrographolide from <i>Andrographis paniculata</i> . <i>Journal of Supercritical Fluids</i> , 2019, 152, 104546.	1.6	7
107	Deep Eutectic Solvent with Prussian Blue and Tungsten Oxide for Green and Low-Cost Electrochromic Devices. <i>ACS Applied Electronic Materials</i> , 2019, 1, 1038-1045.	2.0	24
108	Systematic evaluation of hydrophobic deep-melting eutectics as alternative solvents for the extraction of organic solutes from aqueous solution. <i>RSC Advances</i> , 2019, 9, 15798-15804.	1.7	17
109	l-Proline Derived Secondary Aminothiourea Organocatalyst for Synthesis of Coumarin Derived Trisubstituted Methanes: Rate Enhancement by Bifunctional Catalyst over Cooperative Catalysis. <i>Catalysis Letters</i> , 2019, 149, 2776-2786.	1.4	15



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110	Proton sponge functionalized polyacrylonitrile fibers as an efficient and recyclable superbasic catalyst for Knoevenagel condensation in Water. <i>Journal of Cleaner Production</i> , 2019, 231, 77-86.	4.6	28
111	A simple route to synthesize esterified lignin derivatives. <i>Green Chemistry</i> , 2019, 21, 3682-3692.	4.6	62
112	A methodology to parameterize SAFT-type equations of state for solid precursors of deep eutectic solvents: the example of cholinium chloride. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 15046-15061.	1.3	32
113	Improved Carotenoid Processing with Sustainable Solvents Utilizing Z-Isomerization-Induced Alteration in Physicochemical Properties: A Review and Future Directions. <i>Molecules</i> , 2019, 24, 2149.	1.7	64
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115	Opportunities and perspectives for green chemistry in semiconductor technologies. <i>Green Chemistry</i> , 2019, 21, 3250-3255.	4.6	7
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117	Green Bio-Based Solvents in C-C Cross-Coupling Reactions. <i>Current Green Chemistry</i> , 2019, 6, 96-104.	0.7	11
118	Carbonyl Reduction and Biomass: A Case Study of Sustainable Catalysis. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 10182-10197.	3.2	30
119	Gluconic acid promoted cascade reactions of 2-phenylimidazo[1,2-a]pyridine-3-carbaldehyde with cyclohexane-1,3-dione to create novel fused bisheterocycles. <i>Synthetic Communications</i> , 2019, 49, 1836-1846.	1.1	7
120	<i>Pistacia lentiscus</i> L. edible oil: green extraction with bio-based solvents, metabolite profiling and <i>in vitro</i> anti-inflammatory activity. <i>OCL - Oilseeds and Fats, Crops and Lipids</i> , 2019, 26, 25.	0.6	14
121	Highly Salt Resistant Polymer Supported Ionic Liquid Adsorbent for Ultrahigh Capacity Removal of <i>p</i> -Nitrophenol from Water. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 8195-8205.	3.2	34
122	On the cost of academic methodologies. <i>Organic Chemistry Frontiers</i> , 2019, 6, 2095-2108.	2.3	14
123	An aspirated in-syringe device fixed with ionic liquid and $\beta$ -cyclodextrin-functionalized CNTs/TiO <sub>2</sub> for rapid adsorption and visible-light-induced photocatalytic activity. <i>New Journal of Chemistry</i> , 2019, 43, 9345-9353.	1.4	22
124	Bioderived and Eco-Friendly Solvent-Processed High-Mobility Ambipolar Plastic Transistors through Controlled Irregularity of the Polymer Backbone. <i>Chemistry of Materials</i> , 2019, 31, 3831-3839.	3.2	20
125	Applying Green Metrics to Eco-Friendly Synthesis of Sulfur-Substituted Conjugated Dienes Based on Atom-Economic Hydrothiolation. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 9680-9689.	3.2	19
126	Supported organometallic palladium catalyst into mesoporous channels of magnetic MCM-41 nanoparticles for phosphine-free C C coupling reactions. <i>Microporous and Mesoporous Materials</i> , 2019, 284, 366-377.	2.2	56
127	Metallomicelle catalyzed aerobic tandem desilylation/Claser reaction in water. <i>Green Chemistry</i> , 2019, 21, 2899-2904.	4.6	30



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128	Geminal Diol of Dihydrolevoglucosenone as a Switchable Hydrotrope: A Continuum of Green Nanostructured Solvents. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 7878-7883.	3.2	43
129	Table salt as a catalyst for the oxidation of aromatic alcohols and amines to acids and imines in aqueous medium: effectively carrying out oxidation reactions in sea water. <i>Green Chemistry</i> , 2019, 21, 1929-1934.	4.6	23
130	Advances in Sustainable Catalysis: A Computational Perspective. <i>Frontiers in Chemistry</i> , 2019, 7, 182.	1.8	36
131	From high oleic vegetable oils to hydrophobic starch derivatives: I. Development and structural studies. <i>Carbohydrate Polymers</i> , 2019, 214, 124-130.	5.1	23
132	Bioavailability and biological effects of bioactive compounds extracted with natural deep eutectic solvents and ionic liquids: advantages over conventional organic solvents. <i>Current Opinion in Food Science</i> , 2019, 26, 25-34.	4.1	93
133	Organolithium-initiated Polymerization of Olefins in Deep Eutectic Solvents under Aerobic Conditions. <i>ChemSusChem</i> , 2019, 12, 3134-3143.	3.6	41
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