

Bio-based solvents: an emerging generation of fluids for processes in catalysis and organic chemistry

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Microbial production of plant specialized metabolites. <i>Plant Biotechnology</i> , 2014, 31, 465-482.	0.5	18
2	Natural surfactant mediated phytosynthesis and solvatochromic fluorescence of 2-aminobenzamide derivatives. <i>RSC Advances</i> , 2014, 4, 63039-63047.	1.7	5
3	Green Solvent-Processed Molecular Solar Cells. <i>Angewandte Chemie</i> , 2014, 126, 14606-14609.	1.6	9
4	Copper-catalyzed homo- and cross-coupling reactions of terminal alkynes in ethyl lactate. <i>Applied Organometallic Chemistry</i> , 2014, 28, 631-634.	1.7	35
5	Deep Eutectic Solvents: Environmentally Friendly Media for Metal-Catalyzed Organic Reactions. <i>ACS Symposium Series</i> , 2014, , 37-52.	0.5	11
6	Polyethylene glycol (PEG) as a reusable solvent medium for an asymmetric organocatalytic Michael addition. Application to the synthesis of bioactive compounds. <i>Green Chemistry</i> , 2014, 16, 3169-3174.	4.6	44
7	Introducing Deep Eutectic Solvents to Polar Organometallic Chemistry: Chemoselective Addition of Organolithium and Grignard Reagents to Ketones in Air. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 5969-5973.	7.2	158
8	Metal-catalyzed nitrile hydration reactions: The specific contribution of ruthenium. <i>Journal of Organometallic Chemistry</i> , 2014, 771, 93-104.	0.8	79
9	Post-polymerization modification and organocatalysis using reactive statistical poly(ionic) Tj ETQqO O O rgBT /Overlock 10 Tf 50 422 Td	1.8	39
10	Glycerol: a biorenewable solvent for base-free Cu(i)-catalyzed 1,3-dipolar cycloaddition of azides with terminal and 1-iodoalkynes. Highly efficient transformations and catalyst recycling. <i>Green Chemistry</i> , 2014, 16, 3515.	4.6	76
11	Glycerol: a solvent and a building block of choice for microwave and ultrasound irradiation procedures. <i>Green Chemistry</i> , 2014, 16, 1056.	4.6	79
12	Experimental Measurement and Modeling of Ternary Vapor-Liquid Equilibrium for Water + 2-Propanol + Glycerol. <i>Journal of Chemical & Engineering Data</i> , 2014, 59, 3825-3830.	1.0	14
13	Solvent Effects in Acid-Catalyzed Biomass Conversion Reactions. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 11872-11875.	7.2	371
15	Green Solvent-Processed Molecular Solar Cells. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 14378-14381.	7.2	102
16	Novel zwitterionic deep eutectic solvents from trimethylglycine and carboxylic acids: characterization of their properties and their toxicity. <i>RSC Advances</i> , 2014, 4, 55990-56002.	1.7	109
17	Introducing deep eutectic solvents as biorenewable media for Au(¹)-catalysed cycloisomerisation of β -alkynoic acids: an unprecedented catalytic system. <i>Chemical Communications</i> , 2014, 50, 12927-12929.	2.2	61
18	ScCO ₂ /Green Solvents: Biphasic Promising Systems for Cleaner Chemicals Manufacturing. <i>ACS Sustainable Chemistry and Engineering</i> , 2014, 2, 2623-2636.	3.2	59
19	Metal-free synthesis of 1,3,5-trisubstituted benzenes by the cyclotrimerization of enamines or alkynes in water. <i>RSC Advances</i> , 2014, 4, 20499-20505.	1.7	27

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21	γ -Valerolactone as a Renewable Dipolar Aprotic Solvent Deriving from Biomass Degradation for the Hiyama Reaction. <i>ACS Sustainable Chemistry and Engineering</i> , 2014, 2, 2461-2464.	3.2	111
22	Insights into alkyl lactate+water mixed fluids. <i>Journal of Molecular Liquids</i> , 2014, 199, 215-223.	2.3	14
23	Superparamagnetic CuFeO ₂ Nanoparticles in Deep Eutectic Solvent: an Efficient and Recyclable Catalytic System for the Synthesis of Imidazo[1,2-a]pyridines. <i>ChemCatChem</i> , 2014, 6, 2854-2859.	1.8	109
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25	Dihydrolevoglucosenone (Cyrene) as a bio-based alternative for dipolar aprotic solvents. <i>Chemical Communications</i> , 2014, 50, 9650-9652.	2.2	329
26	Deep eutectic solvents as novel extraction media for phenolic compounds from model oil. <i>Chemical Communications</i> , 2014, 50, 11749-11752.	2.2	121
27	Glycerol as Suitable Solvent for the Synthesis of Metallic Species and Catalysis. <i>Chemistry - A European Journal</i> , 2014, 20, 10884-10893.	1.7	48
28	Aqueous extract of <i>Balanites roxburghii</i> fruit: a green dispersant for C-C bond formation. <i>RSC Advances</i> , 2014, 4, 31177-31183.	1.7	17
29	Imidazolium-functionalized β -cyclodextrin as a highly recyclable multifunctional ligand in water. <i>Green Chemistry</i> , 2014, 16, 3117-3124.	4.6	32
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35	Reactivity of Polar Organometallic Compounds in Unconventional Reaction Media: Challenges and Opportunities. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 6779-6799.	1.2	105
36	Deep Eutectic Mixtures: Promising Sustainable Solvents for Metal-Catalysed and Metal-Mediated Organic Reactions. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 5147-5157.	1.0	168
37	Free-radical terpolymerization of <i>n</i> -butyl acrylate/butyl methacrylate/limonene. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	9
39	Opportunities for Bio-Based Solvents Created as Petrochemical and Fuel Products Transition towards Renewable Resources. <i>International Journal of Molecular Sciences</i> , 2015, 16, 17101-17159.	1.8	177
41	Ionic liquids and continuous flow processes: a good marriage to design sustainable processes. <i>Green Chemistry</i> , 2015, 17, 2693-2713.	4.6	98
42	Efficient hydration of 2-amino-2,3-dimethylbutyronitrile to 2-amino-2,3-dimethylbutyramide in a biphasic system via an easily prepared whole-cell biocatalyst. <i>Green Chemistry</i> , 2015, 17, 3992-3999.	4.6	14
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44	Vapor-liquid Equilibrium of Water + Ethanol + Glycerol: Experimental Measurement and Modeling for Ethanol Dehydration by Extractive Distillation. <i>Journal of Chemical & Engineering Data</i> , 2015, 60, 1892-1899.	1.0	23
45	Catalyst-free three-component domino reactions for regioselective synthesis of multi-functional fused pyrroles. <i>Tetrahedron</i> , 2015, 71, 4745-4751.	1.0	15
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54	Applicability evaluation of Deep Eutectic Solvents-Cellulase system for lignocellulose hydrolysis. <i>Bioresource Technology</i> , 2015, 181, 297-302.	4.8	109
55	Pickering Interfacial Catalysis for Biphasic Systems: From Emulsion Design to Green Reactions. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 2006-2021.	7.2	376
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57	Synthesis of α -Hydroxyl Amides via Direct Amidation of Lactic Acid at Solvent- and Catalyst-Free Conditions. <i>Journal of Chemical Research</i> , 2015, 39, 274-276.	0.6	4
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