

Yuki Kohno

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/9054603/yuki-kohno-publications-by-year.pdf>

Version: 2024-04-19

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

39
papers

1,569
citations

21
h-index

39
g-index

43
ext. papers

1,763
ext. citations

4.4
avg. IF

5.14
L-index

#	Paper	IF	Citations
39	Control of phase separation behaviour of ionic liquid catalysts with reactants/products toward synthesis of long-chain wax esters at moderate temperatures. <i>Reaction Chemistry and Engineering</i> , 2019 , 4, 627-633	4.9	3
38	Functional Design of Ionic Liquids: Unprecedented Liquids that Contribute to Energy Technology, Bioscience, and Materials Sciences. <i>Bulletin of the Chemical Society of Japan</i> , 2019 , 92, 852-868	5.1	54
37	Effect of phase behavior for ionic liquid catalysts with reactants/products on reactivity of esterification from long-chain fatty alcohols and fatty acids. <i>Fluid Phase Equilibria</i> , 2019 , 490, 107-113	2.5	5
36	Design and properties of functional zwitterions derived from ionic liquids. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 10978-10991	3.6	37
35	Design of thermoresponsive poly(ionic liquid) gels containing proline units to catalyse aldol reaction in water. <i>Polymer</i> , 2018 , 134, 20-23	3.9	8
34	Metal-containing ionic liquid-based, uncharged-charged diblock copolymers that form ordered, phase-separated microstructures and reversibly coordinate small protic molecules. <i>Journal of Polymer Science Part A</i> , 2017 , 55, 2961-2965	2.5	11
33	Renaturation of Cytochrome c Dissolved in Polar Phosphonate-type Ionic Liquids Using Highly Polar Zwitterions. <i>Chemistry Letters</i> , 2017 , 46, 870-872	1.7	12
32	Phosphonium-based poly(ionic liquid) membranes: The effect of cation alkyl chain length on light gas separation properties and ionic conductivity. <i>Journal of Membrane Science</i> , 2016 , 498, 408-413	9.6	53
31	Imidazolium-Based Poly(ionic liquid)/Ionic Liquid Ion-Gels with High Ionic Conductivity Prepared from a Curable Poly(ionic liquid). <i>Macromolecular Rapid Communications</i> , 2016 , 37, 1150-4	4.8	19
30	Thermoresponsive Poly(Ionic Liquid)s in Aqueous Salt Solutions: Salting-Out Effect on Their Phase Behavior and Water Absorption/Desorption Properties. <i>Macromolecular Rapid Communications</i> , 2016 , 37, 1130-4	4.8	25
29	Zwitterion/Brønsted Acid Mixtures Showing Controlled Lower Critical Solution Temperature-Type Phase Changes with Water. <i>Chemistry - A European Journal</i> , 2016 , 22, 12262-5	4.8	10
28	A thermoresponsive poly(ionic liquid) membrane enables concentration of proteins from aqueous media. <i>Chemical Communications</i> , 2016 , 52, 7497-500	5.8	19
27	Density fluctuations in aqueous solution of ionic liquid with lower critical solution temperature: Mixture of tetrabutylphosphonium trifluoroacetate and water. <i>Chemical Physics Letters</i> , 2015 , 628, 108-112	2.5	22
26	A Fine Tuning of LCST-type Phase Transition of Poly(ionic liquid)s in Water. <i>Chemistry Letters</i> , 2015 , 44, 238-240	1.7	21
25	Is seven the minimum number of water molecules per ion pair for assured biological activity in ionic liquid-water mixtures?. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 14454-60	3.6	43
24	Reversible water uptake/release by thermoresponsive polyelectrolyte hydrogels derived from ionic liquids. <i>Chemical Communications</i> , 2015 , 51, 9287-90	5.8	20
23	High ethene/ethane selectivity in 2,2'-bipyridine-based silver(i) complexes by removal of coordinated solvent. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 5740-3	16.4	18

22	High Ethene/Ethane Selectivity in 2,2'-Bipyridine-Based Silver(I) Complexes by Removal of Coordinated Solvent. <i>Angewandte Chemie</i> , 2015 , 127, 5832-5835	3.6	11
21	Thermoresponsive polyelectrolytes derived from ionic liquids. <i>Polymer Chemistry</i> , 2015 , 6, 2163-2178	4.9	153
20	Reversible and Selective O ₂ Binding Using a New Thermoresponsive Cobalt(II)-Based Ionic Liquid. <i>Industrial & Engineering Chemistry Research</i> , 2015 , 54, 12214-12216	3.9	7
19	A cobalt(II) bis(salicylate)-based ionic liquid that shows thermoresponsive and selective water coordination. <i>Chemical Communications</i> , 2014 , 50, 6633-6	5.8	20
18	Design of Ionic Liquid-Derived Polyelectrolyte Gels Toward Reversible Water Absorption/Desorption System Driven by Small Temperature Change. <i>Australian Journal of Chemistry</i> , 2014 , 67, 1666	1.2	14
17	Ammonium based zwitterions showing both LCST- and UCST-type phase transitions after mixing with water in a very narrow temperature range. <i>Chemical Communications</i> , 2014 , 50, 15450-2	5.8	31
16	Ionic liquids showing phase separation with water prepared by mixing hydrophilic and polar amino acid ionic liquids. <i>Chemical Communications</i> , 2013 , 49, 8988-90	5.8	29
15	Temperature-Driven and Reversible Assembly of Homopolyelectrolytes Derived from Suitably Designed Ionic Liquids in Water. <i>Australian Journal of Chemistry</i> , 2013 , 66, 1393	1.2	19
14	Detection of small differences in the hydrophilicity of ions using the LCST-type phase transition of an ionic liquid-water mixture. <i>Chemical Communications</i> , 2013 , 49, 93-5	5.8	34
13	Introduction of hydrophilic groups onto the ortho-position of benzoate anions induced phase separation of the corresponding ionic liquids with water. <i>Chemical Communications</i> , 2013 , 49, 10248-50	5.8	29
12	Design of phosphonium-type zwitterion as an additive to improve saturated water content of phase-separated ionic liquid from aqueous phase toward reversible extraction of proteins. <i>International Journal of Molecular Sciences</i> , 2013 , 14, 18350-61	6.3	26
11	Ionic liquid-derived charged polymers to show highly thermoresponsive LCST-type transition with water at desired temperatures. <i>Chemical Communications</i> , 2012 , 48, 11883-5	5.8	68
10	Temperature-responsive ionic liquid/water interfaces: relation between hydrophilicity of ions and dynamic phase change. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 5063-70	3.6	121
9	Addition of suitably-designed zwitterions improves the saturated water content of hydrophobic ionic liquids. <i>Chemical Communications</i> , 2012 , 48, 11220-2	5.8	28
8	Selective Transport of Water-Soluble Proteins from Aqueous to Ionic Liquid Phase via a Temperature-Sensitive Phase Change of These Mixtures. <i>Australian Journal of Chemistry</i> , 2012 , 65, 1548	1.2	17
7	Key Factors to Prepare Polyelectrolytes Showing Temperature-Sensitive Lower Critical Solution Temperature-type Phase Transitions in Water. <i>Australian Journal of Chemistry</i> , 2012 , 65, 91	1.2	71
6	Ionic liquid/water mixtures: from hostility to conciliation. <i>Chemical Communications</i> , 2012 , 48, 7119-30	5.8	275
5	Extraction of proteins with temperature sensitive and reversible phase change of ionic liquid/water mixture. <i>Polymer Chemistry</i> , 2011 , 2, 862	4.9	77

- 4 Dual stimuli-responsive phase transition of an ionic liquid/water mixture. *Chemical Communications*, **2011**, 47, 4772-4 5.8 39
- 3 Material design of ionic liquids to show temperature-sensitive LCST-type phase transition after mixing with water. *Australian Journal of Chemistry*, **2011**, 64, 1560 1.2 74
- 2 Chiral Stability of Phosphonium-type Amino Acid Ionic Liquids. *Chemistry Letters*, **2006**, 35, 1252-1253 1.7 46
- 1 Ionic liquid-derived polyelectrolyte promoting the biphasic condensation of immiscible reactants at moderate temperature. *Reaction Chemistry and Engineering*, 4.9