

Mechanically Tunable, Readily Processable Ion Gels by in Ionic Liquids

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Protic Ionic Liquids for the Belousovâ€“Zhabotinsky Reaction: Aspects of the BZ Reaction in Protic Ionic Liquids and Its Use for the Autonomous Coilâ€“Globule Oscillation of a Linear Polymer. <i>Journal of Physical Chemistry B</i> , 2017, 121, 4592-4599.	1.2	9
2	Biodiesel Production via Transesterification of Soybean Oil Catalyzed by Superhydrophobic Porous Poly(ionic liquid) Solid Base. <i>Energy & Fuels</i> , 2017, 31, 5203-5214.	2.5	38
3	Crystal structure, Hirshfeld surface, novel XPS spectroscopy and magnetic properties of a hybrid solid with tetrahedral coordination sphere tetrabromocuprate (II). <i>Inorganic Chemistry Communication</i> , 2017, 81, 5-9.	1.8	4
4	<i>50th Anniversary Perspective</i>: Functional Nanoparticles from the Solution Self-Assembly of Block Copolymers. <i>Macromolecules</i> , 2017, 50, 3439-3463.	2.2	295
5	Tunable Upper Critical Solution Temperature of Poly(<i>N</i>-isopropylacrylamide) in Ionic Liquids for Sequential and Reversible Self-Folding. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 15785-15790.	4.0	30
6	Solid-State Gels of Poly(<i>p</i>-phenyleneethynylene)s by Solvent Exchange. <i>Macromolecules</i> , 2017, 50, 7880-7886.	2.2	5
7	Bacterial Cellulose Ionogels as Chemosensory Supports. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 38042-38051.	4.0	35
8	Self-Supporting, Hydrophobic, Ionic Liquid-Based Reference Electrodes Prepared by Polymerization-Induced Microphase Separation. <i>ACS Sensors</i> , 2017, 2, 1498-1504.	4.0	24
9	Printable, Degradable, and Biocompatible Ion Gels from a Renewable ABA Triblock Polyester and a Low Toxicity Ionic Liquid. <i>ACS Macro Letters</i> , 2017, 6, 1083-1088.	2.3	41
10	In Situ Synthesis of Imidazoliumâ€“Crosslinked Ionogels via Debusâ€“Radziszewski Reaction Based on PAMAM Dendrimers in Imidazolium Ionic liquid. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1700415.	2.0	23
11	Novel multi-analyte responsive ionic supramolecular gels based on pyridinium functionalized-naphthalimide. <i>Soft Matter</i> , 2017, 13, 7360-7364.	1.2	25
12	Comicellization of Binary PEOâ€“PPOâ€“PEO Triblock Copolymer Mixtures in Ethylammonium Nitrate. <i>Macromolecules</i> , 2018, 51, 1453-1461.	2.2	5
13	Reversible 2D Supramolecular Organic Frameworks encompassing Viologen Cation Radicals and CB[8]. <i>Scientific Reports</i> , 2018, 8, 1354.	1.6	27
14	Poly(NIPAAm-co-Ru(bpy) 3 2+) hydrogels crosslinked by double-bond end-capped Pluronic F127: preparation, properties and coupling with the BZ reaction. <i>Journal of Materials Science</i> , 2018, 53, 5467-5476.	1.7	3
15	Phosphonium-Based Poly(ionic liquid)/Ionic Liquid Ion Gel Membranes: Influence of Structure and Ionic Liquid Loading on Ion Conductivity and Light Gas Separation Performance. <i>Journal of Chemical & Engineering Data</i> , 2018, 63, 1154-1162.	1.0	19
16	Leveraging Molecular Architecture To Design New, All-Polymer Solid Electrolytes with Simultaneous Enhancement in Modulus and Ionic Conductivity. <i>Macromolecules</i> , 2018, 51, 2542-2550.	2.2	49
17	Modification of Lipase with Poly(4-acryloylmorpholine) Enhances Solubility and Transesterification Activity in Anhydrous Ionic Liquids. <i>Biomacromolecules</i> , 2018, 19, 1324-1332.	2.6	24
18	Ionic liquid compatibility in polyethylene oxide/siloxane ion gel membranes. <i>Journal of Membrane Science</i> , 2018, 545, 292-300.	4.1	42

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20	Controlled Sol-Gel Transitions of a Thermoresponsive Polymer in a Photoswitchable Azobenzene Ionic Liquid as a Molecular Trigger. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 227-230.	7.2	60
21	Controlled Sol-Gel Transitions of a Thermoresponsive Polymer in a Photoswitchable Azobenzene Ionic Liquid as a Molecular Trigger. <i>Angewandte Chemie</i> , 2018, 130, 233-236.	1.6	12
23	High-Performance Double-Network Ion Gels with Fast Thermal Healing Capability via Dynamic Covalent Bonds. <i>Chemistry of Materials</i> , 2018, 30, 7752-7759.	3.2	78
24	Highly conductive, binary ionic liquid-solvent mixture ion gels for effective switching of electrolyte-gated transistors. <i>Journal of Materials Chemistry C</i> , 2018, 6, 10987-10993.	2.7	26
25	Sulfonated Polyimide/Ionic Liquid Composite Membranes for CO ₂ Separation: Transport Properties in Relation to Their Nanostructures. <i>Macromolecules</i> , 2018, 51, 7112-7120.	2.2	40
26	Photo/thermoresponsive ABC triblock copolymer-based ion gels: photoinduced structural transitions. <i>Soft Matter</i> , 2018, 14, 9088-9095.	1.2	18
27	High-k Gate Dielectrics for Emerging Flexible and Stretchable Electronics. <i>Chemical Reviews</i> , 2018, 118, 5690-5754.	23.0	530
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37	Effect of ionic liquid structure on viscoelastic behavior of hydrogen-bonded micellar ion gels. <i>Polymer</i> , 2019, 178, 121694.	1.8	15

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57	Poly(diallyldimethylammonium) based poly(ionic liquid) di- and triblock copolymers by PISA as matrices for ionogel membranes. <i>Polymer Chemistry</i> , 2020, 11, 1481-1488.	1.9	17
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