

Shan Cheng

List of Publications by Year in descending order

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9
papers

545
citations

1040056

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1474206

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887
citing authors

#	ARTICLE	IF	CITATIONS
1	Reduced Graphene Oxide-Induced Polyethylene Crystallization in Solution and Nanocomposites. <i>Macromolecules</i> , 2012, 45, 993-1000.	4.8	164
2	How Does Nanoscale Crystalline Structure Affect Ion Transport in Solid Polymer Electrolytes?. <i>Macromolecules</i> , 2014, 47, 3978-3986.	4.8	163
3	Anisotropic ion transport in nanostructured solid polymer electrolytes. <i>RSC Advances</i> , 2015, 5, 48793-48810.	3.6	59
4	Anisotropic Ion Transport in a Poly(ethylene oxide)â€“LiClO ₄ Solid State Electrolyte Templated by Graphene Oxide. <i>Macromolecules</i> , 2015, 48, 4503-4510.	4.8	56
5	Facile Synthesis of Mesoporous Goldâ“Silica Nanocomposite Materials via Solâ“Gel Process with Nonsurfactant Templates. <i>Chemistry of Materials</i> , 2003, 15, 1560-1566.	6.7	38
6	Morphology control in semicrystalline solid polymer electrolytes for lithium batteries. <i>Molecular Systems Design and Engineering</i> , 2019, 4, 793-803.	3.4	18
7	Anisotropic ion transport in 2D polymer single crystal-based solid polymer electrolytes. <i>Giant</i> , 2020, 2, 100021.	5.1	18
8	Polymer electrolyte membranes with exceptional conductivity anisotropy via holographic polymerization. <i>Journal of Power Sources</i> , 2014, 271, 597-603.	7.8	16
9	Nanostructured, Highly Anisotropic, and Mechanically Robust Polymer Electrolyte Membranes via Holographic Polymerization. <i>Advanced Materials Interfaces</i> , 2018, 5, 1700861.	3.7	13