

Shengchang Tang

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

671
citations

933447

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1372567

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10
all docs

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docs citations

10
times ranked

907
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic covalent hydrogels as biomaterials to mimic the viscoelasticity of soft tissues. <i>Progress in Materials Science</i> , 2021, 120, 100738.	32.8	131
2	Adaptable Fast Relaxing Boronate-Based Hydrogels for Probing Cell-Matrix Interactions. <i>Advanced Science</i> , 2018, 5, 1800638.	11.2	143
3	High-velocity micro-particle impact on gelatin and synthetic hydrogel. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018, 86, 71-76.	3.1	31
4	Relaxation Processes in Supramolecular Metallogels Based on Histidine-Nickel Coordination Bonds. <i>Macromolecules</i> , 2016, 49, 9163-9175.	4.8	73
5	Self-Diffusion of Associating Star-Shaped Polymers. <i>Macromolecules</i> , 2016, 49, 5599-5608.	4.8	55
6	Anomalous Self-Diffusion and Sticky Rouse Dynamics in Associative Protein Hydrogels. <i>Journal of the American Chemical Society</i> , 2015, 137, 3946-3957.	13.7	107
7	Controlling topological entanglement in engineered protein hydrogels with a variety of thiol coupling chemistries. <i>Frontiers in Chemistry</i> , 2014, 2, 23.	3.6	14
8	Oxidatively Responsive Chain Extension to Entangle Engineered Protein Hydrogels. <i>Macromolecules</i> , 2014, 47, 791-799.	4.8	46
9	Effect of polymer chemistry on globular protein-polymer block copolymer self-assembly. <i>Polymer Chemistry</i> , 2014, 5, 4884-4895.	3.9	40
10	Physics of engineered protein hydrogels. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2013, 51, 587-601.	2.1	31