Linqing Li

List of Publications by Citations

19 papers	830 citations	15 h-index	19 g-index
19 ext. papers	1,053 ext. citations	10.5 avg, IF	4.47 L-index

#	Paper	IF	Citations
19	Mechanical regulation of glycolysis via cytoskeleton architecture. *Nature*, **2020**, 578, 621-626	50.4	137
18	Designer biomaterials for mechanobiology. *Nature Materials*, **2017**, 16, 1164-1168	27	103
17	Tunable mechanical stability and deformation response of a resilin-based elastomer. *Biomacromolecules*, **2011**, 12, 2302-10	6.9	100
16	Resilin-Like Polypeptide Hydrogels Engineered for Versatile Biological Functions. *Soft Matter*, **2013**, 9, 665-673	3.6	87
15	Tissue engineering-based therapeutic strategies for vocal fold repair and regeneration. *Biomaterials*, **2016**, 108, 91-110	15.6	54
14	Resilin-based Materials for Biomedical Applications. *ACS Macro Letters*, **2013**, 2, 635-640	6.6	51
13	Elastomeric polypeptide-based biomaterials. *Polymer Chemistry*, **2010**, 1, 1160-1170	4.9	46
12	Polymeric Biomaterials: Diverse Functions Enabled by Advances in Macromolecular Chemistry. *Macromolecules*, **2017**, 50, 483-502	5.5	45
11	Transient dynamic mechanical properties of resilin-based elastomeric hydrogels. *Frontiers in Chemistry*, **2014**, 2, 21	5	32
10	Recombinant Resilin-Based Bioelastomers for Regenerative Medicine Applications. *Advanced Healthcare Materials*, **2016**, 5, 266-75	10.1	32
9	Temperature-triggered phase separation of a hydrophilic resilin-like polypeptide. *Macromolecular Rapid Communications*, **2015**, 36, 90-5	4.8	27
8	Aqueous Liquid-Liquid Phase Separation of Resilin-Like Polypeptide/Polyethylene Glycol Solutions for the Formation of Microstructured Hydrogels. *ACS Biomaterials Science and Engineering*, **2017**, 3, 757-766	5.5	23
7	Microstructured Elastomer-PEG Hydrogels via Kinetic Capture of Aqueous Liquid-Liquid Phase Separation. *Advanced Science*, **2018**, 5, 1701010	13.6	22
6	Micromechanical characterization of soft, biopolymeric hydrogels: stiffness, resilience, and failure. *Soft Matter*, **2018**, 14, 3478-3489	3.6	20
5	Transient Support from Fibroblasts is Sufficient to Drive Functional Vascularization in Engineered Tissues. *Advanced Functional Materials*, **2020**, 30, 2003777	15.6	19
4	Biocompatibility of injectable resilin-based hydrogels. *Journal of Biomedical Materials Research - Part A*, **2018**, 106, 2229-2242	5.4	12
3	Uncovering mutation-specific morphogenic phenotypes and paracrine-mediated vessel dysfunction in a biomimetic vascularized mammary duct platform. *Nature Communications*, **2020**, 11, 3377	17.4	8

2	Biocompatibility and Viscoelastic Properties of Injectable Resilin-Like Polypeptide and Hyaluronan Hybrid Hydrogels in Rabbit Vocal Folds. *Regenerative Engineering and Translational Medicine*, **2019**, 5, 373-386	2.4	7
1	Recovery of Tractions Exerted by Single Cells in Three-Dimensional Nonlinear Matrices. *Journal of Biomechanical Engineering*, **2020**, 142,	2.1	5