

Jukuan Zheng

List of Publications by Year in descending order

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18
papers

834
citations

567281

15
h-index

839539

18
g-index

18
all docs

18
docs citations

18
times ranked

1302
citing authors

#	ARTICLE	IF	CITATIONS
1	Immunological Properties of Protein-Polymer Nanoparticles. <i>ACS Applied Bio Materials</i> , 2019, 2, 93-103.	4.6	12
2	Neural stem cell encapsulation and differentiation in strain promoted crosslinked polyethylene glycol-based hydrogels. <i>Journal of Biomaterials Applications</i> , 2018, 32, 1222-1230.	2.4	21
3	2-Hydroxyethylcellulose and Amphiphilic Block Polymer Conjugates Form Mechanically Tunable and Nonswellable Hydrogels. <i>ACS Macro Letters</i> , 2017, 6, 145-149.	4.8	35
4	Concentration-Dependent MSC Differentiation on Orthogonal Concentration Gradients of GRGDS and BMP-2 Peptides. <i>Biomacromolecules</i> , 2016, 17, 1486-1495.	5.4	20
5	Enhanced Schwann Cell Attachment and Alignment Using One-Pot Dual Click-GRGDS and YIGSR Derivatized Nanofibers. <i>Biomacromolecules</i> , 2015, 16, 357-363.	5.4	47
6	Post-Electrospinning Triclick-Functionalization of Degradable Polymer Nanofibers. <i>ACS Macro Letters</i> , 2015, 4, 207-213.	4.8	48
7	Enzyme-catalyzed ring-opening polymerization of ϵ -caprolactone using alkyne functionalized initiators. <i>Polymer Chemistry</i> , 2014, 5, 1891-1896.	3.9	15
8	Dopamine-Based Copper-Free Click Kit for Efficient Surface Functionalization. <i>ACS Macro Letters</i> , 2014, 3, 1084-1087.	4.8	7
9	Sequential Triple Click-Approach toward Polyhedral Oligomeric Silsesquioxane-Based Multiheaded and Multitailed Giant Surfactants. <i>ACS Macro Letters</i> , 2013, 2, 645-650.	4.8	52
10	Peptide-Functionalized Oxime Hydrogels with Tunable Mechanical Properties and Gelation Behavior. <i>Biomacromolecules</i> , 2013, 14, 3749-3758.	5.4	102
11	Cascading One-Pot Synthesis of Single-Tailed and Asymmetric Multitailed Giant Surfactants. <i>ACS Macro Letters</i> , 2013, 2, 1026-1032.	4.8	41
12	4-Dibenzocyclooctynol (DIBO) as an initiator for poly(ϵ -caprolactone): copper-free clickable polymer and nanofiber-based scaffolds. <i>Polymer Chemistry</i> , 2013, 4, 2215.	3.9	35
13	Directed differentiation and neurite extension of mouse embryonic stem cell on aligned poly(lactide) nanofibers functionalized with YIGSR peptide. <i>Biomaterials</i> , 2013, 34, 9089-9095.	11.4	130
14	Facile Fabrication of Dual Click-One- and Two-Dimensional Orthogonal Peptide Concentration Gradients. <i>Biomacromolecules</i> , 2013, 14, 665-671.	5.4	25
15	Postelectrospinning Click-Modification of Degradable Amino Acid-Based Poly(ester urea) Nanofibers. <i>Macromolecules</i> , 2013, 46, 9515-9525.	4.8	49
16	Cascading Triclick-Functionalization of Poly(caprolactone) Thin Films Quantified via a Quartz Crystal Microbalance. <i>Biomacromolecules</i> , 2013, 14, 2857-2865.	5.4	21
17	Strain-Promoted Cross-Linking of PEG-Based Hydrogels via Copper-Free Cycloaddition. <i>ACS Macro Letters</i> , 2012, 1, 1071-1073.	4.8	114
18	Post-Assembly Derivatization of Electrospun Nanofibers via Strain-Promoted Azide Alkyne Cycloaddition. <i>Journal of the American Chemical Society</i> , 2012, 134, 17274-17277.	13.7	60