

# 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	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
2	Strain-Promoted Cross-Linking of PEG-Based Hydrogels via Copper-Free Cycloaddition. <i>ACS Macro Letters</i> , 2012, 1, 1071-1073.	4.8	114
3	Peptide-Functionalized Oxime Hydrogels with Tunable Mechanical Properties and Gelation Behavior. <i>Biomacromolecules</i> , 2013, 14, 3749-3758.	5.4	102
4	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
5	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
6	Postelectrospinning "Click" Modification of Degradable Amino Acid-Based Poly(ester urea) Nanofibers. <i>Macromolecules</i> , 2013, 46, 9515-9525.	4.8	49
7	Post-Electrospinning "Triclick" Functionalization of Degradable Polymer Nanofibers. <i>ACS Macro Letters</i> , 2015, 4, 207-213.	4.8	48
8	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
9	Cascading One-Pot Synthesis of Single-Tailed and Asymmetric Multitailed Giant Surfactants. <i>ACS Macro Letters</i> , 2013, 2, 1026-1032.	4.8	41
10	4-Dibenzocyclooctynol (DIBO) as an initiator for poly( $\epsilon$ -caprolactone): copper-free clickable polymer and nanofiber-based scaffolds. <i>Polymer Chemistry</i> , 2013, 4, 2215.	3.9	35
11	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
12	Facile Fabrication of "Dual Click" One- and Two-Dimensional Orthogonal Peptide Concentration Gradients. <i>Biomacromolecules</i> , 2013, 14, 665-671.	5.4	25
13	Cascading "Triclick" Functionalization of Poly(caprolactone) Thin Films Quantified via a Quartz Crystal Microbalance. <i>Biomacromolecules</i> , 2013, 14, 2857-2865.	5.4	21
14	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
15	Concentration-Dependent MSC Differentiation on Orthogonal Concentration Gradients of GRGDS and BMP-2 Peptides. <i>Biomacromolecules</i> , 2016, 17, 1486-1495.	5.4	20
16	Enzyme-catalyzed ring-opening polymerization of $\epsilon$ -caprolactone using alkyne functionalized initiators. <i>Polymer Chemistry</i> , 2014, 5, 1891-1896.	3.9	15
17	Immunological Properties of Protein-Polymer Nanoparticles. <i>ACS Applied Bio Materials</i> , 2019, 2, 93-103.	4.6	12
18	Dopamine-Based Copper-Free Click Kit for Efficient Surface Functionalization. <i>ACS Macro Letters</i> , 2014, 3, 1084-1087.	4.8	7