

# Kristi L Kiick

## List of Publications by Year in descending order

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137  
papers

8,921  
citations

41344

49  
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43889

91  
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142  
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142  
docs citations

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times ranked

10211  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microgels Formed by Spontaneous Click Chemistries Utilizing Microfluidic Flow Focusing for Cargo Release in Response to Endogenous or Exogenous Stimuli. <i>Pharmaceutics</i> , 2022, 14, 1062.	4.5	3
2	Retention of peptide-based vesicles in murine knee joints after intra-articular injection. <i>Journal of Drug Delivery Science and Technology</i> , 2022, , 103532.	3.0	2
3	Multi-stimuli-responsive, liposome-crosslinked poly(ethylene glycol) hydrogels for drug delivery. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2021, 32, 635-656.	3.5	16
4	Alteration of Microstructure in Biopolymeric Hydrogels <i>via</i> Compositional Modification of Resilin-Like Polypeptides. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 4244-4257.	5.2	11
5	Substrate stiffness directs the phenotype and polarization state of cord blood derived macrophages. <i>Acta Biomaterialia</i> , 2021, 122, 220-235.	8.3	19
6	Application of Thermoresponsive Intrinsically Disordered Protein Polymers in Nanostructured and Microstructured Materials. <i>Macromolecular Bioscience</i> , 2021, 21, 2100129.	4.1	12
7	Therapeutic nanocarriers comprising extracellular matrix-inspired peptides and polysaccharides. <i>Expert Opinion on Drug Delivery</i> , 2021, 18, 1723-1740.	5.0	5
8	Manipulation of the dually thermoresponsive behavior of peptide-based vesicles through modification of collagen-like peptide domains. <i>Bioengineering and Translational Medicine</i> , 2020, 5, e10145.	7.1	18
9	Covalent co-assembly between resilin-like polypeptide and peptide amphiphile into hydrogels with controlled nanostructure and improved mechanical properties. <i>Biomaterials Science</i> , 2020, 8, 846-857.	5.4	35
10	Encapsulation of collagen mimetic peptide-tethered vancomycin liposomes in collagen-based scaffolds for infection control in wounds. <i>Acta Biomaterialia</i> , 2020, 103, 115-128.	8.3	51
11	On-Demand and Tunable Dual Wavelength Release of Antibodies Using Light-Responsive Hydrogels. <i>ACS Applied Bio Materials</i> , 2020, 3, 6944-6958.	4.6	13
12	Fine structural tuning of the assembly of ECM peptide conjugates via slight sequence modifications. <i>Science Advances</i> , 2020, 6, .	10.3	16
13	Placement of tyrosine residues as a design element for tuning the phase transition of elastin-peptide-containing conjugates: experiments and simulations. <i>Molecular Systems Design and Engineering</i> , 2020, 5, 1239-1254.	3.4	20
14	Characterizing aggregate growth and morphology of alanine-rich polypeptides as a function of sequence chemistry and solution temperature from scattering, spectroscopy, and microscopy. <i>Biophysical Chemistry</i> , 2020, 267, 106481.	2.8	0
15	Enhanced Wound Healing via Collagen-Turnover-Driven Transfer of PDGF-BB Gene in a Murine Wound Model. <i>ACS Applied Bio Materials</i> , 2020, 3, 3500-3517.	4.6	22
16	Targeted Drug Delivery via the Use of ECM-Mimetic Materials. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 69.	4.1	37
17	Human Adventitial Fibroblast Phenotype Depends on the Progression of Changes in Substrate Stiffness. <i>Advanced Healthcare Materials</i> , 2020, 9, 1901593.	7.6	10
18	Micromechanical Properties of Microstructured Elastomeric Hydrogels. <i>Macromolecular Bioscience</i> , 2020, 20, 1900360.	4.1	10

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19	Regulation of neovasculogenesis in co-cultures of aortic adventitial fibroblasts and microvascular endothelial cells by cell-cell interactions and TGF- $\beta$ 2/ALK5 signaling. PLoS ONE, 2020, 15, e0244243.	2.5	2
20	Hybrid hydrogels for biomedical applications. Current Opinion in Chemical Engineering, 2019, 24, 143-157.	7.8	131
21	Self-Assembly of Stable Nanoscale Platelets from Designed Elastin-like Peptide-Collagen-like Peptide Bioconjugates. Biomacromolecules, 2019, 20, 1514-1521.	5.4	23
22	Effect of Peptide Sequence on the LCST-Like Transition of Elastin-Like Peptides and Elastin-Like Peptide-Collagen-Like Peptide Conjugates: Simulations and Experiments. Biomacromolecules, 2019, 20, 1178-1189.	5.4	48
23	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.	2.9	13
24	Drug and Gene Delivery for Regenerative Engineering. , 2019, , 565-583.		1
25	Methods for producing microstructured hydrogels for targeted applications in biology. Acta Biomaterialia, 2019, 84, 34-48.	8.3	31
26	Biocompatibility of injectable resilin-based hydrogels. Journal of Biomedical Materials Research - Part A, 2018, 106, 2229-2242.	4.0	18
27	Micromechanical characterization of soft, biopolymeric hydrogels: stiffness, resilience, and failure. Soft Matter, 2018, 14, 3478-3489.	2.7	30
28	Sequence and Conformational Analysis of Peptide-Polymer Bioconjugates by Multidimensional Mass Spectrometry. Biomacromolecules, 2018, 19, 1498-1507.	5.4	13
29	Microstructured Elastomer-PEG Hydrogels via Kinetic Capture of Aqueous Liquid-Liquid Phase Separation. Advanced Science, 2018, 5, 1701010.	11.2	32
30	Fabrication of One- and Two-Dimensional Gold Nanoparticle Arrays on Computationally Designed Self-Assembled Peptide Templates. Chemistry of Materials, 2018, 30, 8510-8520.	6.7	17
31	Manipulation of Glutathione-Mediated Degradation of Thiol-Maleimide Conjugates. Bioconjugate Chemistry, 2018, 29, 3595-3605.	3.6	27
32	Nanotubes, Plates, and Needles: Pathway-Dependent Self-Assembly of Computationally Designed Peptides. Biomacromolecules, 2018, 19, 4286-4298.	5.4	34
33	<i>50th Anniversary Perspective</i>: Polymeric Biomaterials: Diverse Functions Enabled by Advances in Macromolecular Chemistry. Macromolecules, 2017, 50, 483-502.	4.8	55
34	Collagen-Like Peptide Bioconjugates. Bioconjugate Chemistry, 2017, 28, 816-827.	3.6	44
35	<i>In vivo</i> guided vascular regeneration with a nonporous elastin-like polypeptide hydrogel tubular scaffold. Journal of Biomedical Materials Research - Part A, 2017, 105, 1746-1755.	4.0	25
36	Aortic adventitial fibroblast sensitivity to mitogen activated protein kinase inhibitors depends on substrate stiffness. Biomaterials, 2017, 137, 1-10.	11.4	14

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37	Transition from disordered aggregates to ordered lattices: kinetic control of the assembly of a computationally designed peptide. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 6109-6118.	2.8	18
38	Reduced arterial elasticity due to surgical skeletonization is ameliorated by abluminal PEG hydrogel. <i>Bioengineering and Translational Medicine</i> , 2017, 2, 222-232.	7.1	8
39	Controlling the Release of Small, Bioactive Proteins via Dual Mechanisms with Therapeutic Potential. <i>Advanced Healthcare Materials</i> , 2017, 6, 1700713.	7.6	27
40	Thermoresponsive Elastin-Collagen-Like Peptide Bioconjugate Nanovesicles for Targeted Drug Delivery to Collagen-Containing Matrices. <i>Biomacromolecules</i> , 2017, 18, 2539-2551.	5.4	51
41	Aqueous Liquid-Liquid Phase Separation of Resilin-Like Polypeptide/Polyethylene Glycol Solutions for the Formation of Microstructured Hydrogels. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 757-766.	5.2	35
42	ECM turnover-stimulated gene delivery through collagen-mimetic peptide-plasmid integration in collagen. <i>Acta Biomaterialia</i> , 2017, 62, 167-178.	8.3	21
43	Responsive hybrid (poly)peptide-polymer conjugates. <i>Journal of Materials Chemistry B</i> , 2017, 5, 8274-8288.	5.8	23
44	Recombinant Resilin-Based Bioelastomers for Regenerative Medicine Applications. <i>Advanced Healthcare Materials</i> , 2016, 5, 266-275.	7.6	41
45	Tissue engineering-based therapeutic strategies for vocal fold repair and regeneration. <i>Biomaterials</i> , 2016, 108, 91-110.	11.4	75
46	Integration of growth factor gene delivery with collagen-triggered wound repair cascades using collagen-mimetic peptides. <i>Bioengineering and Translational Medicine</i> , 2016, 1, 207-219.	7.1	22
47	Predicting unfolding thermodynamics and stable intermediates for alanine-rich helical peptides with the aid of coarse-grained molecular simulation. <i>Biophysical Chemistry</i> , 2016, 217, 8-19.	2.8	12
48	Glycosaminoglycan-Based Biohybrid Hydrogels: A Sweet and Smart Choice for Multifunctional Biomaterials. <i>Advanced Materials</i> , 2016, 28, 8861-8891.	21.0	156
49	Controlled release of an anthrax toxin-neutralizing antibody from hydrolytically degradable polyethylene glycol hydrogels. <i>Journal of Biomedical Materials Research - Part A</i> , 2016, 104, 113-123.	4.0	20
50	Thiol Photocrosslinking of Cytocompatible Resilin-Like Polypeptide-PEG Hydrogels. <i>Macromolecular Bioscience</i> , 2016, 16, 129-138.	4.1	39
51	Computationally designed peptides for self-assembly of nanostructured lattices. <i>Science Advances</i> , 2016, 2, e1600307.	10.3	58
52	Hydrogels: Glycosaminoglycan-Based Biohybrid Hydrogels: A Sweet and Smart Choice for Multifunctional Biomaterials ( <i>Adv. Mater.</i> 40/2016). <i>Advanced Materials</i> , 2016, 28, 9013-9013.	21.0	4
53	Biofunctionalization of PEDOT films with laminin-derived peptides. <i>Acta Biomaterialia</i> , 2016, 41, 235-246.	8.3	34
54	Liposome-Cross-Linked Hybrid Hydrogels for Glutathione-Triggered Delivery of Multiple Cargo Molecules. <i>Biomacromolecules</i> , 2016, 17, 601-614.	5.4	78

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55	Resilin-PEG Hybrid Hydrogels Yield Degradable Elastomeric Scaffolds with Heterogeneous Microstructure. <i>Biomacromolecules</i> , 2016, 17, 128-140.	5.4	42
56	Decreasing matrix modulus of PEG hydrogels induces a vascular phenotype in human cord blood stem cells. <i>Biomaterials</i> , 2015, 62, 24-34.	11.4	20
57	Noncovalent Modulation of the Inverse Temperature Transition and Self-Assembly of Elastin-Collagen-like Peptide Bioconjugates. <i>Journal of the American Chemical Society</i> , 2015, 137, 15362-15365.	13.7	78
58	Thermoresponsive Self-Assembly of Nanostructures from a Collagen-Like Peptide-Containing Diblock Copolymer. <i>Macromolecular Bioscience</i> , 2015, 15, 111-123.	4.1	40
59	Aggregation of poly(acrylic acid)-containing elastin-mimetic copolymers. <i>Soft Matter</i> , 2015, 11, 1839-1850.	2.7	10
60	Design of thiol- and light-sensitive degradable hydrogels using Michael-type addition reactions. <i>Polymer Chemistry</i> , 2015, 6, 5565-5574.	3.9	116
61	Top-down mass spectrometry of hybrid materials with hydrophobic peptide and hydrophilic or hydrophobic polymer blocks. <i>Analyst, The</i> , 2015, 140, 7550-7564.	3.5	22
62	Temperature-Triggered Phase Separation of a Hydrophilic Resilin-Like Polypeptide. <i>Macromolecular Rapid Communications</i> , 2015, 36, 90-95.	3.9	40
63	Opportunities for Multicomponent Hybrid Hydrogels in Biomedical Applications. <i>Biomacromolecules</i> , 2015, 16, 28-42.	5.4	148
64	Transient dynamic mechanical properties of resilin-based elastomeric hydrogels. <i>Frontiers in Chemistry</i> , 2014, 2, 21.	3.6	34
65	Electrochemical deposition and characterization of carboxylic acid functionalized PEDOT copolymers. <i>Journal of Materials Research</i> , 2014, 29, 2835-2844.	2.6	25
66	The modification of collagen scaffolds for application in regenerative medicine. , 2014, , .		0
67	Heparin-functionalized polymeric biomaterials in tissue engineering and drug delivery applications. <i>Acta Biomaterialia</i> , 2014, 10, 1588-1600.	8.3	284
68	DNA-polymer conjugates for immune stimulation through Toll-like receptor 9 mediated pathways. <i>Acta Biomaterialia</i> , 2014, 10, 1134-1145.	8.3	7
69	Dually degradable click hydrogels for controlled degradation and protein release. <i>Journal of Materials Chemistry B</i> , 2014, 2, 5511-5521.	5.8	61
70	Multifunctional lipid-coated polymer nanogels crosslinked by photo-triggered Michael-type addition. <i>Polymer Chemistry</i> , 2014, 5, 1728-1736.	3.9	24
71	Resilin-Based Materials for Biomedical Applications. <i>ACS Macro Letters</i> , 2013, 2, 635-640.	4.8	59
72	Nanoparticle formation from hybrid, multiblock copolymers of poly(acrylic acid) and a VPGVG peptide. <i>Soft Matter</i> , 2013, 9, 1589-1599.	2.7	25

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73	Collagen-like peptides and peptide-polymer conjugates in the design of assembled materials. <i>European Polymer Journal</i> , 2013, 49, 2998-3009.	5.4	74
74	Polymer-peptide templates for controlling electronic interactions of organic chromophores. <i>Journal of Materials Chemistry C</i> , 2013, 1, 4836.	5.5	11
75	Resilin-like polypeptide hydrogels engineered for versatile biological function. <i>Soft Matter</i> , 2013, 9, 665-673.	2.7	106
76	Resilin-Based Hybrid Hydrogels for Cardiovascular Tissue Engineering. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 203-213.	2.2	86
77	Designing degradable hydrogels for orthogonal control of cell microenvironments. <i>Chemical Society Reviews</i> , 2013, 42, 7335-7372.	38.1	590
78	Reversible maleimide-thiol adducts yield glutathione-sensitive poly(ethylene glycol)-heparin hydrogels. <i>Polymer Chemistry</i> , 2013, 4, 133-143.	3.9	150
79	Tuning the Properties of Elastin Mimetic Hybrid Copolymers via a Modular Polymerization Method. <i>Biomacromolecules</i> , 2012, 13, 1774-1786.	5.4	32
80	Morphological transformations in a dually thermoresponsive coil-rod-coil bioconjugate. <i>Soft Matter</i> , 2012, 8, 3832.	2.7	38
81	In situ crosslinkable heparin-containing poly(ethylene glycol) hydrogels for sustained anticoagulant release. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 2106-2118.	4.0	45
82	Differential effects of substrate modulus on human vascular endothelial, smooth muscle, and fibroblastic cells. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 1356-1367.	4.0	45
83	Heparin-Functionalized Materials in Tissue Engineering Applications. , 2012, , 225-250.		6
84	Controlling assembly of helical polypeptides via PEGylation strategies. <i>Soft Matter</i> , 2011, 7, 9758.	2.7	13
85	Tunable Mechanical Stability and Deformation Response of a Resilin-Based Elastomer. <i>Biomacromolecules</i> , 2011, 12, 2302-2310.	5.4	118
86	Rapid, High Resolution Screening of Biomaterial Hydrogelators by Rheology. <i>Biomacromolecules</i> , 2011, 12, 4178-4182.	5.4	20
87	Conformational and Aggregation Properties of a PEGylated Alanine-Rich Polypeptide. <i>Biomacromolecules</i> , 2011, 12, 2184-2192.	5.4	27
88	Architecture effects on L-selectin shedding induced by polypeptide-based multivalent ligands. <i>Polymer Chemistry</i> , 2011, 2, 1513.	3.9	10
89	Poly(acrylic acid- <i>b</i> -styrene) Amphiphilic Multiblock Copolymers as Building Blocks for the Assembly of Discrete Nanoparticles. <i>Macromolecules</i> , 2011, 44, 1942-1951.	4.8	62
90	Tunable Degradation of Maleimide-Thiol Adducts in Reducing Environments. <i>Bioconjugate Chemistry</i> , 2011, 22, 1946-1953.	3.6	356

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91	Elastomeric Polypeptides. <i>Topics in Current Chemistry</i> , 2011, 310, 71-116.	4.0	60
92	Assembly Properties of an Alanine-Rich, Lysine-Containing Peptide and the Formation of Peptide/Polymer Hybrid Hydrogels. <i>Macromolecular Chemistry and Physics</i> , 2011, 212, 229-239.	2.2	28
93	Integrin-mediated adhesion and proliferation of human MSCs elicited by a hydroxyproline-lacking, collagen-like peptide. <i>Biomaterials</i> , 2011, 32, 6412-6424.	11.4	49
94	Multivalent protein polymers with controlled chemical and physical properties. <i>Advanced Drug Delivery Reviews</i> , 2010, 62, 1530-1540.	13.7	26
95	Protein- and peptide-modified synthetic polymeric biomaterials. <i>Biopolymers</i> , 2010, 94, 32-48.	2.4	176
96	Polysaccharide-modified synthetic polymeric biomaterials. <i>Biopolymers</i> , 2010, 94, 128-140.	2.4	253
97	Cell-mediated Delivery and Targeted Erosion of Vascular Endothelial Growth Factor-Crosslinked Hydrogels. <i>Macromolecular Rapid Communications</i> , 2010, 31, 1231-1240.	3.9	21
98	Manipulation of Electrostatic and Saccharide Linker Interactions in the Design of Efficient Glycopolypeptide-Based Cholera Toxin Inhibitors. <i>Macromolecular Bioscience</i> , 2010, 10, 68-81.	4.1	21
99	Elastomeric polypeptide-based biomaterials. <i>Polymer Chemistry</i> , 2010, 1, 1160.	3.9	58
100	Hybrid Multicomponent Hydrogels for Tissue Engineering. <i>Macromolecular Bioscience</i> , 2009, 9, 140-156.	4.1	266
101	One-Dimensional Gold Nanoparticle Arrays by Electrostatically Directed Organization Using Polypeptide Self-Assembly. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 7078-7082.	13.8	65
102	Production of heparin-containing hydrogels for modulating cell responses. <i>Acta Biomaterialia</i> , 2009, 5, 865-875.	8.3	92
103	Macromolecule-Induced Assembly of Coiled-Coils in Alternating Multiblock Polymers. <i>Biomacromolecules</i> , 2009, 10, 2740-2749.	5.4	30
104	Gelation of Covalently Cross-Linked PEG-Heparin Hydrogels. <i>Macromolecules</i> , 2009, 42, 5310-5316.	4.8	81
105	Supramolecular Assembly of Electrostatically Stabilized, Hydroxyproline-Lacking Collagen-Mimetic Peptides. <i>Biomacromolecules</i> , 2009, 10, 2626-2631.	5.4	77
106	Synthesis and Characterization of Elastin-Mimetic Hybrid Polymers with Multiblock, Alternating Molecular Architecture and Elastomeric Properties. <i>Macromolecules</i> , 2009, 42, 2532-2541.	4.8	78
107	Polymer-Based Therapeutics. <i>Macromolecules</i> , 2009, 42, 3-13.	4.8	202
108	A Versatile Grafting-to Approach for the Bioconjugation of Polymers to Collagen-like Peptides Using an Activated Ester Chain Transfer Agent. <i>Macromolecules</i> , 2009, 42, 3860-3863.	4.8	62

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109	Hydrophilic elastomeric biomaterials based on resilin-like polypeptides. <i>Soft Matter</i> , 2009, 5, 3412.	2.7	124
110	Rapid rheological screening to identify conditions of biomaterial hydrogelation. <i>Soft Matter</i> , 2009, 5, 740-742.	2.7	32
111	The role of heparin self-association in the gelation of heparin-functionalized polymers. <i>Biomaterials</i> , 2008, 29, 1299-1306.	11.4	24
112	Evaluation of Conformation and Association Behavior of Multivalent Alanine-Rich Polypeptides. <i>Pharmaceutical Research</i> , 2008, 25, 700-708.	3.5	16
113	Regulation of electronic behavior via confinement of PPV-based oligomers on peptide scaffolds. <i>Journal of Materials Chemistry</i> , 2008, 18, 3847.	6.7	20
114	Peptide- and protein-mediated assembly of heparinized hydrogels. <i>Soft Matter</i> , 2008, 4, 29-37.	2.7	69
115	Modulation of Self-Association and Subsequent Fibril Formation in an Alanine-Rich Helical Polypeptide. <i>Biomacromolecules</i> , 2008, 9, 1595-1603.	5.4	18
116	Architecture Effects on the Binding of Cholera Toxin by Helical Glycopolypeptides. <i>Macromolecules</i> , 2008, 41, 764-772.	4.8	61
117	Material Assembly and Gelation Kinetics of PEG-Heparin Hydrogels using Multiple Particle Tracking Microrheology. <i>AIP Conference Proceedings</i> , 2008, , .	0.4	2
118	Polypeptide-Based Glycopolymers for the Study of Multivalent Binding Events. <i>ACS Symposium Series</i> , 2008, , 288-305.	0.5	4
119	Chemically Reactive Peptides for the Production of Electroactive Conjugates of Specified Conformation and Side-Chain Placement. <i>ACS Symposium Series</i> , 2008, , 22-36.	0.5	1
120	Heparin-mimetic sulfated peptides with modulated affinities for heparin-binding peptides and growth factors. <i>Peptides</i> , 2007, 28, 2125-2136.	2.4	49
121	Growth Factor Mediated Assembly of Cell Receptor-Responsive Hydrogels. <i>Journal of the American Chemical Society</i> , 2007, 129, 3040-3041.	13.7	208
122	Effects of Saccharide Spacing and Chain Extension on Toxin Inhibition by Glycopolypeptides of Well-Defined Architecture. <i>Macromolecules</i> , 2007, 40, 7103-7110.	4.8	67
123	Biosynthetic Methods for the Production of Advanced Protein-Based Materials. <i>Polymer Reviews</i> , 2007, 47, 1-7.	10.9	30
124	Polymer Therapeutics. <i>Science</i> , 2007, 317, 1182-1183.	12.6	78
125	Production of heparin-functionalized hydrogels for the development of responsive and controlled growth factor delivery systems. <i>Journal of Controlled Release</i> , 2007, 122, 287-296.	9.9	218
126	Effects of Polymer Structure on the Inhibition of Cholera Toxin by Linear Polypeptide-Based Glycopolymers. <i>Biomacromolecules</i> , 2006, 7, 483-490.	5.4	95

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127	Conformational Properties of Helical Protein Polymers with Varying Densities of Chemically Reactive Groups. <i>Macromolecules</i> , 2006, 39, 162-170.	4.8	28
128	Manipulation of hydrogel assembly and growth factor delivery via the use of peptide-polysaccharide interactions. <i>Journal of Controlled Release</i> , 2006, 114, 130-142.	9.9	111
129	Assembly of Bioactive, Heparin-Derivatized Polymer Hydrogels for Protein Delivery. <i>ACS Symposium Series</i> , 2006, , 201-215.	0.5	0
130	Monodisperse Protein-Based Glycopolymers via a Combined Biosynthetic and Chemical Approach. <i>Journal of the American Chemical Society</i> , 2005, 127, 16392-16393.	13.7	61
131	Conformational Behavior of Chemically Reactive Alanine-Rich Repetitive Protein Polymers. <i>Biomacromolecules</i> , 2005, 6, 1531-1539.	5.4	37
132	Rheological Characterization of Polysaccharide-Poly(ethylene glycol) Star Copolymer Hydrogels. <i>Biomacromolecules</i> , 2005, 6, 1931-1940.	5.4	84
133	Polysaccharide-Poly(ethylene glycol) Star Copolymer as a Scaffold for the Production of Bioactive Hydrogels. <i>Biomacromolecules</i> , 2005, 6, 1921-1930.	5.4	128
134	Incorporation of azides into recombinant proteins for chemoselective modification by the Staudinger ligation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 19-24.	7.1	855
135	Expanding the Scope of Protein Biosynthesis by Altering the Methionyl-tRNA Synthetase Activity of a Bacterial Expression Host. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 2148-2152.	13.8	105
136	Protein Engineering by In Vivo Incorporation of Non-Natural Amino Acids: Control of Incorporation of Methionine Analogues by Methionyl-tRNA Synthetase. <i>Tetrahedron</i> , 2000, 56, 9487-9493.	1.9	82
137	Efficient Incorporation of Unsaturated Methionine Analogues into Proteins in Vivo. <i>Journal of the American Chemical Society</i> , 2000, 122, 1282-1288.	13.7	265