Jan van Hest

List of Publications by Year
in descending order

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		8181	11308
318	22,552	76	136
papers	citations	h-index	g-index

329	329	329	20730
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Amphiphilic AIEgenâ€polymer aggregates: Design, selfâ€assembly and biomedical applications. Aggregate, 2022, 3, e128.	9.9	49
2	2.6 CuAAC Applications in Macromolecules, Polymers, Nanoparticles, and Supramolecular Chemistry. , 2022, , .		0
3	Polymersomes as a potential platform for cancer immunotherapy. Materials Today Advances, 2022, 13, 100203.	5.2	13
4	DNAâ€Mediated Protein Shuttling between Coacervateâ€Based Artificial Cells. Angewandte Chemie, 2022, 134, .	2.0	2
5	DNAâ€Mediated Protein Shuttling between Coacervateâ€Based Artificial Cells. Angewandte Chemie - International Edition, 2022, 61, .	13.8	22
6	Imaging, quantitation and kinetic modelling of intravitreal nanomaterials. International Journal of Pharmaceutics, 2022, 621, 121800.	5.2	12
7	Twin-Engine Janus Supramolecular Nanomotors with Counterbalanced Motion. Journal of the American Chemical Society, 2022, 144, 11246-11252.	13.7	25
8	Peptide-based supramolecular assembly drugs toward cancer theranostics. Expert Opinion on Drug Delivery, 2022, 19, 847-860.	5.0	6
9	The Dynamics of Viruslike Capsid Assembly and Disassembly. Journal of the American Chemical Society, 2022, 144, 12608-12612.	13.7	13
10	Exploring the Impact of Morphology on the Properties of Biodegradable Nanoparticles and Their Diffusion in Complex Biological Medium. Biomacromolecules, 2021, 22, 126-133.	5.4	80
11	Terpolymer-stabilized complex coacervates: A robust and versatile synthetic cell platform. Methods in Enzymology, 2021, 646, 51-82.	1.0	3
12	Compartmentalized cross-linked enzyme nano aggregates (c-CLEnAs) toward pharmaceutical transformations. RSC Advances, 2021, 11, 21857-21861.	3.6	4
13	Bone-adhesive barrier membranes based on alendronate-functionalized poly(2-oxazoline)s. Journal of Materials Chemistry B, 2021, 9, 5848-5860.	5.8	6
14	One-flow synthesis of tetrahydrocannabinol and cannabidiol using homo- and heterogeneous Lewis acids. Journal of Flow Chemistry, 2021, 11, 99-105.	1.9	5
15	Engineering of Biocompatible Coacervate-Based Synthetic Cells. ACS Applied Materials & Interfaces, 2021, 13, 7879-7889.	8.0	25
16	Reversibly selfâ€assembled pHâ€responsive PEGâ€p(CLâ€gâ€TMC) polymersomes. Journal of Polymer Science, 2021, 59, 1241-1252.	3.8	8
17	Single Enzyme Nanoparticles with Improved Biocatalytic Activity through Protein Entrapment in a Surfactant Shell. Biomacromolecules, 2021, 22, 1159-1166.	5.4	7
18	Intravitreal Polymeric Nanocarriers with Long Ocular Retention and Targeted Delivery to the Retina and Optic Nerve Head Region. Pharmaceutics, 2021, 13, 445.	4.5	26

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19	Artificial Organelles: Towards Adding or Restoring Intracellular Activity. ChemBioChem, 2021, 22, 2051-2078.	2.6	38
20	Pathwayâ€Dependent Coâ€Assembly of Elastinâ€Like Polypeptides. Small, 2021, 17, e2007234.	10.0	9
21	Photoactivated nanomotors via aggregation induced emission for enhanced phototherapy. Nature Communications, 2021, 12, 2077.	12.8	97
22	Dual Site-Selective Presentation of Functional Handles on Protein-Engineered Cowpea Chlorotic Mottle Virus-Like Particles. Bioconjugate Chemistry, 2021, 32, 958-963.	3.6	11
23	Selfâ€Assembly or Coassembly of Multiresponsive Histidineâ€Containing Elastinâ€Like Polypeptide Block Copolymers. Macromolecular Bioscience, 2021, 21, e2100081.	4.1	9
24	Functional Interactions Between Bottomâ€Up Synthetic Cells and Living Matter for Biomedical Applications. ChemSystemsChem, 2021, 3, e2100009.	2.6	18
25	Cowpea Chlorotic Mottle Virusâ€Like Particles as Potential Platform for Antisense Oligonucleotide Delivery in Posterior Segment Ocular Diseases. Macromolecular Bioscience, 2021, 21, 2100095.	4.1	5
26	Refining the Design of Diblock Elastin-Like Polypeptides for Self-Assembly into Nanoparticles. Polymers, 2021, 13, 1470.	4.5	15
27	Polymer Science and Technology in the Institute for Complex Molecular Systems at Eindhoven University of Technology. Journal of Polymer Science, 2021, 59, 1129-1130.	3.8	0
28	Biodegradable Polymersomes with Structure Inherent Fluorescence and Targeting Capacity for Enhanced Photoâ€Dynamic Therapy. Angewandte Chemie - International Edition, 2021, 60, 17629-17637.	13.8	34
29	Biodegradable Polymersomes with Structure Inherent Fluorescence and Targeting Capacity for Enhanced Photoâ€Dynamic Therapy. Angewandte Chemie, 2021, 133, 17770-17778.	2.0	4
30	Bioorthogonal Chemistry and Bioconjugation: Synergistic Tools for Biology and Biomedicine. Bioconjugate Chemistry, 2021, 32, 1409-1410.	3.6	3
31	Bimodal Targeting of Human Leukocytes by Fc- and CpG-Decorated Polymersomes to Tune Immune Induction. Biomacromolecules, 2021, 22, 4422-4433.	5.4	5
32	Boneâ€Adhesive Hydrogels Based on Dual Crosslinked Poly(2â€oxazoline)s. Macromolecular Bioscience, 2021, 21, e2100257.	4.1	10
33	Engineered protein cages for selective heparin encapsulation. Journal of Materials Chemistry B, 2021, 9, 1272-1276.	5.8	17
34	Cucurbit-Like Polymersomes with Aggregation-Induced Emission Properties Show Enzyme-Mediated Motility. ACS Nano, 2021, 15, 18270-18278.	14.6	17
35	Therapeutic Stomatocytes with Aggregation Induced Emission for Intracellular Delivery. Pharmaceutics, 2021, 13, 1833.	4.5	2
36	Engineering transient dynamics of artificial cells by stochastic distribution of enzymes. Nature Communications, 2021, 12, 6897.	12.8	23

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37	Investigating the self-assembly and shape transformation of poly(ethylene glycol)-b-poly(d,l-lactide) (PEG-PDLLA) polymersomes by tailoring solvent-polymer interactions. Polymer Chemistry, 2020, 11, 275-280.	3.9	19
38	Screening of functional solvent system for automatic aldehyde and ketone separation in aldol reaction: A combined COSMO-RS and experimental approach. Chemical Engineering Journal, 2020, 385, 123399.	12.7	17
39	Dynamic Assembly of Micellar Mesostructures. ChemSystemsChem, 2020, 2, e1900049.	2.6	3
40	Bone-Targeting Prodrug Mesoporous Silica-Based Nanoreactor with Reactive Oxygen Species Burst for Enhanced Chemotherapy. ACS Applied Materials & Interfaces, 2020, 12, 34630-34642.	8.0	24
41	Acidâ€Activatable Transmorphic Peptideâ€Based Nanomaterials for Photodynamic Therapy. Angewandte Chemie - International Edition, 2020, 59, 20582-20588.	13.8	134
42	Insight into N-terminal localization and dynamics of engineered virus-like particles. RSC Advances, 2020, 10, 38774-38781.	3.6	1
43	Dynamic spatial and structural organization in artificial cells regulates signal processing by protein scaffolding. Chemical Science, 2020, 11, 12829-12834.	7.4	6
44	Acidâ€Activatable Transmorphic Peptideâ€Based Nanomaterials for Photodynamic Therapy. Angewandte Chemie, 2020, 132, 20763-20769.	2.0	28
45	Surface-Charge-Switchable Nanoclusters for Magnetic Resonance Imaging-Guided and Glutathione Depletion-Enhanced Photodynamic Therapy. ACS Nano, 2020, 14, 11225-11237.	14.6	94
46	Programmed spatial organization of biomacromolecules into discrete, coacervate-based protocells. Nature Communications, 2020, 11, 6282.	12.8	57
47	Tuning Size and Morphology of mPEG-b-p(HPMA-Bz) Copolymer Self-Assemblies Using Microfluidics. Polymers, 2020, 12, 2572.	4.5	15
48	Hybrid Biodegradable Nanomotors through Compartmentalized Synthesis. Nano Letters, 2020, 20, 4472-4480.	9.1	56
49	Degradation and excretion of poly(2-oxazoline) based hemostatic materials. Materialia, 2020, 12, 100763.	2.7	8
50	Photoactivated Polymersome Nanomotors: Traversing Biological Barriers. Angewandte Chemie, 2020, 132, 17066-17073.	2.0	14
51	GE11 peptide-installed chimaeric polymersomes tailor-made for high-efficiency EGFR-targeted protein therapy of orthotopic hepatocellular carcinoma. Acta Biomaterialia, 2020, 113, 512-521.	8.3	30
52	Nanoparticles based on natural, engineered or synthetic proteins and polypeptides for drug delivery applications. International Journal of Pharmaceutics, 2020, 586, 119537.	5.2	19
53	Photoactivated Polymersome Nanomotors: Traversing Biological Barriers. Angewandte Chemie - International Edition, 2020, 59, 16918-16925.	13.8	74
54	Multifunctional PVCL nanogels with redox-responsiveness enable enhanced MR imaging and ultrasound-promoted tumor chemotherapy. Theranostics, 2020, 10, 4349-4358.	10.0	55

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55	Î±₃Î²₁ Integrin-Targeting Polymersomal Docetaxel as an Advanced Nanotherapeutic for Nonsmall Cell Lung Cancer Treatment. ACS Applied Materials & Interfaces, 2020, 12, 14905-14913.	8.0	26
56	Wormlike Nanovector with Enhanced Drug Loading Using Blends of Biodegradable Block Copolymers. Biomacromolecules, 2020, 21, 2199-2207.	5.4	11
57	Synthetic pathways to tetrahydrocannabinol (THC): an overview. Organic and Biomolecular Chemistry, 2020, 18, 3203-3215.	2.8	31
58	Biomimicry of Cellular Motility and Communication Based on Synthetic Softâ€Architectures. Small, 2020, 16, e1907680.	10.0	58
59	Compartmentalized cross-linked enzymatic nano-aggregates (c-CLEnA) for efficient in-flow biocatalysis. Chemical Science, 2020, 11, 2765-2769.	7.4	21
60	Pathway dependent shape-transformation of azide-decorated polymersomes. Chemical Communications, 2020, 56, 2127-2130.	4.1	8
61	CD44-targeted vesicles encapsulating granzyme B as artificial killer cells for potent inhibition of human multiple myeloma in mice. Journal of Controlled Release, 2020, 320, 421-430.	9.9	38
62	Supramolecular Nanoscaffolds within Cytomimetic Protocells as Signal Localization Hubs. Journal of the American Chemical Society, 2020, 142, 9106-9111.	13.7	44
63	Intercellular communication between artificial cells by allosteric amplification of a molecular signal. Nature Communications, 2020, 11, 1652.	12.8	106
64	Influence of surface charge on the formulation of elongated PEG-b-PDLLA nanoparticles. Polymer Chemistry, 2020, 11, 2775-2780.	3.9	8
65	Continuous one-flow multi-step synthesis of active pharmaceutical ingredients. Reaction Chemistry and Engineering, 2020, 5, 1186-1197.	3.7	63
66	Molecular Programming of Biodegradable Nanoworms via Ionically Induced Morphology Switch toward Asymmetric Therapeutic Carriers. Small, 2019, 15, 1901849.	10.0	17
67	Alendronate-Functionalized Poly(2-oxazoline)s with Tunable Affinity for Calcium Cations. Biomacromolecules, 2019, 20, 2913-2921.	5.4	15
68	ATPâ€Mediated Transient Behavior of Stomatocyte Nanosystems. Angewandte Chemie - International Edition, 2019, 58, 13113-13118.	13.8	50
69	Mimicking Cellular Compartmentalization in a Hierarchical Protocell through Spontaneous Spatial Organization. ACS Central Science, 2019, 5, 1360-1365.	11.3	101
70	ATPâ€Mediated Transient Behavior of Stomatocyte Nanosystems. Angewandte Chemie, 2019, 131, 13247-13252.	2.0	23
71	Adaptive Polymeric Assemblies for Applications in Biomimicry and Nanomedicine. Biomacromolecules, 2019, 20, 4053-4064.	5.4	21
72	Single enzyme loaded nanoparticles for combinational ultrasound-guided focused ultrasound ablation and hypoxia-relieved chemotherapy. Theranostics, 2019, 9, 8048-8060.	10.0	21

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73	Scale-Up of the Manufacturing Process To Produce Docetaxel-Loaded mPEG-b-p(HPMA-Bz) Block Copolymer Micelles for Pharmaceutical Applications. Organic Process Research and Development, 2019, 23, 2707-2715.	2.7	9
74	Biomorphic Engineering of Multifunctional Polylactide Stomatocytes toward Therapeutic Nanoâ€Red Blood Cells. Advanced Science, 2019, 6, 1801678.	11.2	34
75	Boneâ€Adhesive Materials: Clinical Requirements, Mechanisms of Action, and Future Perspective. Advanced Materials Interfaces, 2019, 6, 1802021.	3.7	42
76	Adaptive Polymersome Nanoreactors. ChemNanoMat, 2019, 5, 1092-1109.	2.8	70
77	Physicochemical Characterization of Polymerâ€Stabilized Coacervate Protocells. ChemBioChem, 2019, 20, 2643-2652.	2.6	36
78	A Revised Modular Approach to (â€“)â€transâ€Î”⁸â€THC and Derivatives Through Lateâ€Stage Suzukiâ€“Miyaura Crossâ€Coupling Reactions. European Journal of Organic Chemistry, 2019, 2019, 2289-2296.	2.4	8
79	Chemoenzymatic Synthesis of Sialic Acid Derivatives Using Immobilized Nâ€Acetylneuraminate Lyase in a Continuous Flow Reactor. Advanced Synthesis and Catalysis, 2019, 361, 2443-2447.	4.3	16
80	Octa-arginine boosts the penetration of elastin-like polypeptide nanoparticles in 3D cancer models. European Journal of Pharmaceutics and Biopharmaceutics, 2019, 137, 175-184.	4.3	23
81	Versatile Reversible Cross-Linking Strategy to Stabilize CCMV Virus Like Particles for Efficient siRNA Delivery. Bioconjugate Chemistry, 2019, 30, 3069-3077.	3.6	24
82	Translational Research: Bridging the Gap between Fundamental Research and the Clinic. Bioconjugate Chemistry, 2019, 30, 2989-2990.	3.6	2
83	Cell-free microcompartmentalised transcriptionâ€“translation for the prototyping of synthetic communication networks. Current Opinion in Biotechnology, 2019, 58, 72-80.	6.6	53
84	Development of Morphologically Discrete PEGâ€“PDLLA Nanotubes for Precision Nanomedicine. Biomacromolecules, 2019, 20, 177-183.	5.4	23
85	Multifaceted cell mimicry in coacervate-based synthetic cells. Emerging Topics in Life Sciences, 2019, 3, 567-571.	2.6	20
86	Feedback-Induced Temporal Control of â€œBreathingâ€•Polymersomes To Create Self-Adaptive Nanoreactors. Journal of the American Chemical Society, 2018, 140, 5356-5359.	13.7	176
87	Residue-Specific Incorporation of Noncanonical Amino Acids for Protein Engineering. Methods in Molecular Biology, 2018, 1728, 137-145.	0.9	5
88	Modular, Bioorthogonal Strategy for the Controlled Loading of Cargo into a Protein Nanocage. Bioconjugate Chemistry, 2018, 29, 1186-1193.	3.6	16
89	Virus-like particles as crosslinkers in fibrous biomimetic hydrogels: approaches towards capsid rupture and gel repair. Soft Matter, 2018, 14, 1442-1448.	2.7	8
90	Effect of Formulation and Processing Parameters on the Size of mPEG-b-p(HPMA-Bz) Polymeric Micelles. Langmuir, 2018, 34, 15495-15506.	3.5	45

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91	pH-Induced Transformation of Biodegradable Multilamellar Nanovectors for Enhanced Tumor Penetration. ACS Macro Letters, 2018, 7, 1394-1399.	4.8	23
92	A filter-free blood-brain barrier model to quantitatively study transendothelial delivery of nanoparticles by fluorescence spectroscopy. Journal of Controlled Release, 2018, 289, 14-22.	9.9	35
93	Adaptive Polymersome and Micelle Morphologies in Anticancer Nanomedicine: From Design Rationale to Fabrication and Proofâ€ofâ€Concept Studies. Advanced Therapeutics, 2018, 1, 1800068.	3.2	12
94	Selfâ€Assembly and Stabilization of Hybrid Cowpea Chlorotic Mottle Virus Particles under Nearly Physiological Conditions. Chemistry - an Asian Journal, 2018, 13, 3518-3525.	3.3	12
95	Biodegradable Synthetic Organelles Demonstrate ROS Shielding in Human-Complex-I-Deficient Fibroblasts. ACS Central Science, 2018, 4, 917-928.	11.3	63
96	Temperature-Induced Collapse of Elastin-like Peptides Studied by 2DIR Spectroscopy. Journal of Physical Chemistry B, 2018, 122, 8243-8254.	2.6	12
97	Nanoreactors for green catalysis. Beilstein Journal of Organic Chemistry, 2018, 14, 716-733.	2.2	46
98	Biodegradable, Drugâ€Loaded Nanovectors via Direct Hydration as a New Platform for Cancer Therapeutics. Small, 2018, 14, e1703774.	10.0	19
99	Erythrocyte Membrane Modified Janus Polymeric Motors for Thrombus Therapy. ACS Nano, 2018, 12, 4877-4885.	14.6	168
100	Polymers at the Interface with Biology. Biomacromolecules, 2018, 19, 3151-3162.	5.4	10
101	The hallmarks of living systems: towards creating artificial cells. Interface Focus, 2018, 8, 20180023.	3.0	111
102	Artificial Cells: Synthetic Compartments with Life-like Functionality and Adaptivity. Accounts of Chemical Research, 2017, 50, 769-777.	15.6	456
103	Continuous fabrication of polymeric vesicles and nanotubes with fluidic channels. Nanoscale, 2017, 9, 4875-4880.	5.6	11
104	Editorial for Virtual Issue on Polymer Bioconjugates in Biology and Medicine. Bioconjugate Chemistry, 2017, 28, 282-282.	3.6	1
105	Self-Assembling VHH-Elastin-Like Peptides for Photodynamic Nanomedicine. Biomacromolecules, 2017, 18, 1302-1310.	5.4	41
106	Editorial for Virtual Issue on Polymer Bioconjugates in Biology and Medicine. Chemical Reviews, 2017, 117, 900-900.	47.7	2
107	Science in a Global Community. Bioconjugate Chemistry, 2017, 28, 279-281.	3.6	0
108	Controlling the morphology of copolymeric vectors for next generation nanomedicine. Journal of Controlled Release, 2017, 259, 29-39.	9.9	39

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109	Editorial for Virtual Issue on Polymer Bioconjugates in Biology and Medicine. Biomacromolecules, 2017, 18, 315-315.	5.4	0
110	Expansion of the assembly of cowpea chlorotic mottle virus towards non-native and physiological conditions. Tetrahedron, 2017, 73, 4968-4971.	1.9	17
111	Stabilization of a Virus-Like Particle and Its Application as a Nanoreactor at Physiological Conditions. Biomacromolecules, 2017, 18, 3492-3497.	5.4	37
112	Sub-Micron Polymeric Stomatocytes as Promising Templates for Confined Crystallization and Diffraction Experiments. Small, 2017, 13, 1700642.	10.0	13
113	Editorial for Virtual Issue on Polymer Bioconjugates in Biology and Medicine. ACS Macro Letters, 2017, 6, 144-144.	4.8	3
114	A Dibenzoazacyclooctyne as a Reactive Chain Stopper for [2]Rotaxanes. European Journal of Organic Chemistry, 2017, 2017, 3107-3113.	2.4	2
115	Self-propelled supramolecular nanomotors with temperature-responsive speed regulation. Nature Chemistry, 2017, 9, 480-486.	13.6	254
116	Legomedicineâ€"A Versatile Chemo-Enzymatic Approach for the Preparation of Targeted Dual-Labeled Llama Antibodyâ€"Nanoparticle Conjugates. Bioconjugate Chemistry, 2017, 28, 539-548.	3.6	36
117	Morphology Under Control: Engineering Biodegradable Stomatocytes. ACS Macro Letters, 2017, 6, 1217-1222.	4.8	39
118	Evaluation of dextran(ethylene glycol) hydrogel films for giant unilamellar lipid vesicle production and their application for the encapsulation of polymersomes. Soft Matter, 2017, 13, 5580-5588.	2.7	15
119	Selfâ€Regulated and Temporal Control of a â€œBreathingâ€•Microgel Mediated by Enzymatic Reaction. Angewandte Chemie - International Edition, 2017, 56, 12581-12585.	13.8	66
120	Selfâ€Regulated and Temporal Control of a â€œBreathingâ€•Microgel Mediated by Enzymatic Reaction. Angewandte Chemie, 2017, 129, 12755-12759.	2.0	22
121	Alternative application of an affinity purification tag: hexahistidines in ester hydrolysis. Scientific Reports, 2017, 7, 14772.	3.3	13
122	Hierarchical Self-Assembly of a Copolymer-Stabilized Coacervate Protocell. Journal of the American Chemical Society, 2017, 139, 17309-17312.	13.7	175
123	Bio-inks for 3D bioprinting: recent advances and future prospects. Polymer Chemistry, 2017, 8, 4451-4471.	3.9	256
124	Next Generation Hemostatic Materials Based on NHS-Ester Functionalized Poly(2-oxazoline)s. Biomacromolecules, 2017, 18, 2529-2538.	5.4	70
125	Supramolecular Adaptive Nanomotors with Magnetotaxis Behavior. Advanced Materials, 2017, 29, 1604996.	21.0	81
126	Coiledâ€Coilâ€Mediated Activation of Oligoarginine Cellâ€Penetrating Peptides. ChemBioChem, 2017, 18, 185-188.	2.6	27

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127	Conjugates: Biosyntheticâ€“Synthetic Polymer Based. , 2017, , 340-361.		0
128	Shape characterization of polymersome morphologies via light scattering techniques. Polymer, 2016, 107, 445-449.	3.8	29
129	Formation of Well-Defined, Functional Nanotubes via Osmotically Induced Shape Transformation of Biodegradable Polymersomes. Journal of the American Chemical Society, 2016, 138, 9353-9356.	13.7	105
130	Metal Ion-Induced Self-Assembly of a Multi-Responsive Block Copolypeptide into Well-Defined Nanocapsules. Small, 2016, 12, 2476-2483.	10.0	37
131	A covalent and cleavable antibody-DNA conjugation strategy for sensitive protein detection via immuno-PCR. Scientific Reports, 2016, 6, 22675.	3.3	70
132	Methods for production of uniform small-sized polymersome with rigid membrane. Polymer Chemistry, 2016, 7, 3977-3982.	3.9	30
133	Click-MS: Tagless Protein Enrichment Using Bioorthogonal Chemistry for Quantitative Proteomics. ACS Chemical Biology, 2016, 11, 3245-3250.	3.4	12
134	Highly efficient enzyme encapsulation in a protein nanocage: towards enzyme catalysis in a cellular nanocompartment mimic. Nanoscale, 2016, 8, 14467-14472.	5.6	45
135	A Compartmentalized Out-of-Equilibrium Enzymatic Reaction Network for Sustained Autonomous Movement. ACS Central Science, 2016, 2, 843-849.	11.3	133
136	Synthesis of pHâ€•and thermoresponsive poly(2â€nâ€propylâ€2â€oxazoline) based copolymers. Journal of Polymer Science Part A, 2016, 54, 1573-1582.	2.3	38
137	Compartmentalization Approaches in Soft Matter Science: From Nanoreactor Development to Organelle Mimics. Advanced Materials, 2016, 28, 1109-1128.	21.0	250
138	Tuning Ice Nucleation with Supercharged Polypeptides. Advanced Materials, 2016, 28, 5008-5012.	21.0	59
139	Stimuli-responsive polymersomes and nanoreactors. Journal of Materials Chemistry B, 2016, 4, 4632-4647.	5.8	179
140	Dynamic Loading and Unloading of Proteins in Polymeric Stomatocytes: Formation of an Enzyme-Loaded Supramolecular Nanomotor. ACS Nano, 2016, 10, 2652-2660.	14.6	240
141	Selfâ€Guided Supramolecular Cargoâ€Loaded Nanomotors with Chemotactic Behavior towards Cells. Angewandte Chemie - International Edition, 2015, 54, 11662-11665.	13.8	189
142	Synthesis of poly(2â€oxazoline)s with side chain methyl ester functionalities: Detailed understanding of living copolymerization behavior of methyl ester containing monomers with 2â€alkylâ€2â€oxazolines. Journal of Polymer Science Part A, 2015, 53, 2649-2661.	2.3	43
143	Reversibly Triggered Proteinâ€“Ligand Assemblies in Giant Vesicles. Angewandte Chemie - International Edition, 2015, 54, 9614-9617.	13.8	32
144	Soft PEGâ€Hydrogels with Independently Tunable Stiffness and RGDSâ€Content for Cell Adhesion Studies. Macromolecular Bioscience, 2015, 15, 1338-1347.	4.1	30

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145	Thermal Properties of Methyl Ester-Containing Poly(2-oxazoline)s. Polymers, 2015, 7, 1998-2008.	4.5	31
146	Strain-Promoted Oxidation-Controlled Cyclooctyneâ€"1,2-Quinone Cycloaddition (SPOCQ) for Fast and Activatable Protein Conjugation. Bioconjugate Chemistry, 2015, 26, 257-261.	3.6	67
147	Editorial. Bioconjugate Chemistry, 2015, 26, 163-165.	3.6	0
148	Crosslinked ELP-based nanoparticles, using the strain promoted azideâ€"alkyne cycloaddition. European Polymer Journal, 2015, 62, 386-393.	5.4	12
149	Aqueous asymmetric aldol reactions in polymersome membranes. Polymer Chemistry, 2015, 6, 5358-5361.	3.9	17
150	Enzyme-Activatable Cell-Penetrating Peptides through a Minimal Side Chain Modification. Bioconjugate Chemistry, 2015, 26, 850-856.	3.6	24
151	The influence of amino acid sequence on structure and morphology of polydiacetylene containing peptide fibres. Soft Matter, 2015, 11, 1335-1344.	2.7	14
152	Sortase A-Mediated N-Terminal Modification of Cowpea Chlorotic Mottle Virus for Highly Efficient Cargo Loading. Bioconjugate Chemistry, 2015, 26, 2429-2434.	3.6	50
153	Chemoenzymatic flow cascade for the synthesis of protected mandelonitrile derivatives. Organic and Biomolecular Chemistry, 2015, 13, 1634-1638.	2.8	24
154	A Fast and Activatable Crossâ€Linking Strategy for Hydrogel Formation. Advanced Materials, 2015, 27, 1235-1240.	21.0	38
155	Elastinâ€Like Polypeptide Based Nanoparticles: Design Rationale Toward Nanomedicine. Macromolecular Bioscience, 2015, 15, 36-51.	4.1	58
156	Robust formation of biodegradable polymersomes by direct hydration. Polymer Chemistry, 2015, 6, 691-696.	3.9	39
157	Accelerated living cationic ring-opening polymerization of a methyl ester functionalized 2-oxazoline monomer. Polymer Chemistry, 2015, 6, 514-518.	3.9	58
158	pH responsive polymersome Pickering emulsion for simple and efficient Janus polymersome fabrication. Chemical Communications, 2014, 50, 14550-14553.	4.1	45
159	Aqueous asymmetric cyclopropanation reactions in polymersome membranes. Chemical Communications, 2014, 50, 4040-4043.	4.1	34
160	Spontaneous shape changes in polymersomes via polymer/polymer segregation. Polymer Chemistry, 2014, 5, 489-501.	3.9	24
161	The chemistry of tissue adhesive materials. Progress in Polymer Science, 2014, 39, 1375-1405.	24.7	337
162	Cascade Reactions in Multicompartmentalized Polymersomes. Angewandte Chemie - International Edition, 2014, 53, 146-150.	13.8	463

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163	A Oneâ€Pot Oxidation/Enantioselective Oxaâ€Michael Cascade. European Journal of Organic Chemistry, 2014, 2014, 2892-2898.	2.4	11
164	Orientation of llama antibodies strongly increases sensitivity of biosensors. Biosensors and Bioelectronics, 2014, 60, 130-136.	10.1	38
165	Cascade reactions in nanoreactors. Current Opinion in Biotechnology, 2014, 28, 10-16.	6.6	69
166	Manipulation of micro- and nanostructure motion with magnetic fields. Soft Matter, 2014, 10, 1295-1308.	2.7	184
167	Development of injectable organic/inorganic colloidal composite gels made of self-assembling gelatin nanospheres and calcium phosphate nanocrystals. Acta Biomaterialia, 2014, 10, 508-519.	8.3	63
168	Activation of cell-penetrating peptides by disulfide bridge formation of truncated precursors. Chemical Communications, 2014, 50, 415-417.	4.1	32
169	Bioorthogonal chemistry in living organisms. Chemical Science, 2014, 5, 2123.	7.4	78
170	Probing morphological changes in polymersomes with magnetic birefringence. Chemical Communications, 2014, 50, 5394-5396.	4.1	33
171	Catenane versus ring: do both assemblies of CS2 hydrolase exhibit the same stability and catalytic activity?. Chemical Science, 2014, 5, 2879.	7.4	6
172	Synthesis and Self-Assembly of Well-Defined Elastin-Like Polypeptideâ€“Poly(ethylene glycol) Conjugates. Biomacromolecules, 2014, 15, 2751-2759.	5.4	46
173	Influence of azide incorporation on binding affinity by small papain inhibitors. Bioorganic and Medicinal Chemistry, 2014, 22, 5593-5603.	3.0	1
174	Synthesis of DIBAC analogues with excellent SPAAC rate constants. Organic and Biomolecular Chemistry, 2014, 12, 5031-5037.	2.8	28
175	The right touch: design of artificial antigen-presenting cells to stimulate the immune system. Chemical Science, 2014, 5, 3355.	7.4	41
176	Polymersome magneto-valves for reversible capture and release of nanoparticles. Nature Communications, 2014, 5, 5010.	12.8	55
177	Functionalization of protein-based nanocages for drug delivery applications. Nanoscale, 2014, 6, 7124-7141.	5.6	153
178	Thermodynamic investigation of Z33-antibody interaction leads to selective purification of human antibodies. Journal of Biotechnology, 2014, 179, 32-41.	3.8	8
179	Therapeutic nanoworms: towards novel synthetic dendritic cells for immunotherapy. Chemical Science, 2013, 4, 4168.	7.4	91
180	Physicochemical Properties and Applications of Poly(lactic-co-glycolic acid) for Use in Bone Regeneration. Tissue Engineering - Part B: Reviews, 2013, 19, 380-390.	4.8	147

#	Article	IF	Citations
181	Bioorthogonal labelling of biomolecules: new functional handles and ligation methods. Organic and Biomolecular Chemistry, 2013, 11, 6439.	2.8	142
182	Dynamically functionalized polymersomes viahydrazone exchange. Polymer Chemistry, 2013, 4, 1345-1350.	3.9	14
183	Tubular Polymersomes: A Cross-Linker-Induced Shape Transformation. Journal of the American Chemical Society, 2013, 135, 16308-16311.	13.7	70
184	General Strategy for Ordered Noncovalent Protein Assembly on Well-Defined Nanoscaffolds. Biomacromolecules, 2013, 14, 4351-4359.	5.4	29
185	Potassium formate as a small molecule switch: controlling oxidationâ€“reduction behaviour in a two-step sequence. Chemical Communications, 2013, 49, 3143.	4.1	9
186	Quick-and-easy preparation and purification of quantum dotâ€“loaded liposomes. Journal of Nanoparticle Research, 2013, 15, 1.	1.9	6
187	N-terminal dual protein functionalization by strain-promoted alkyneâ€“nitrone cycloaddition. Organic and Biomolecular Chemistry, 2013, 11, 2772.	2.8	38
188	Protocol for the Preparation of Stimuli-Responsive Gold Nanoparticles Capped with Elastin-Based Pentapeptides. Methods in Molecular Biology, 2013, 991, 353-362.	0.9	1
189	Permeability Effects on the Efficiency of Antioxidant Nanoreactors. Biomacromolecules, 2013, 14, 2364-2372.	5.4	83
190	Construction of a Multifunctional Enzyme Complex via the Strain-Promoted Azideâ€“Alkyne Cycloaddition. Bioconjugate Chemistry, 2013, 24, 987-996.	3.6	29
191	Evidence that the catenane form of CS2 hydrolase is not an artefact. Chemical Communications, 2013, 49, 7770.	4.1	29
192	Chemical approaches for the construction of multi-enzyme reaction systems. Current Opinion in Structural Biology, 2013, 23, 613-621.	5.7	104
193	Site-specific peptide and protein immobilization on surface plasmon resonance chips via strain-promoted cycloaddition. Lab on A Chip, 2013, 13, 1863.	6.0	27
194	Nanobody-Functionalized Polymersomes for Tumor-Vessel Targeting. Macromolecular Bioscience, 2013, 13, 938-945.	4.1	34
195	Fuel concentration dependent movement of supramolecular catalytic nanomotors. Nanoscale, 2013, 5, 1315-1318.	5.6	56
196	Ethyl diazoacetate synthesis in flow. Beilstein Journal of Organic Chemistry, 2013, 9, 1813-1818.	2.2	22
197	Aqueous reductive amination using a dendritic metal catalyst in a dialysis bag. Beilstein Journal of Organic Chemistry, 2013, 9, 960-965.	2.2	3
198	Synthesis of Methoxyisopropyl (MIP)-Protected (R)-Mandelonitrile and Derivatives in a Flow Reactor. Journal of Flow Chemistry, 2012, 2, 124-128.	1.9	8

#	Article	IF	Citations
199	Simple and Efficient Solid-Phase Preparation of Azido-peptides. Organic Letters, 2012, 14, 2330-2333.	4.6	26
200	Designing Two Self-Assembly Mechanisms into One Viral Capsid Protein. Journal of the American Chemical Society, 2012, 134, 18506-18509.	13.7	101
201	Multi-enzyme systems: bringing enzymes together in vitro. Soft Matter, 2012, 8, 1736-1746.	2.7	236
202	In Vivo Biodistribution of Prion- and GM1-Targeted Polymersomes following Intravenous Administration in Mice. Molecular Pharmaceutics, 2012, 9, 1620-1627.	4.6	46
203	Polymersome Colloidosomes for Enzyme Catalysis in a Biphasic System. Angewandte Chemie - International Edition, 2012, 51, 10746-10750.	13.8	250
204	Copper-free click chemistry on polymersomes: pre- vs. post-self-assembly functionalisation. Polymer Chemistry, 2012, 3, 1783-1795.	3.9	18
205	Self-assembly of dendritic-linear block copolymers with fixed molecular weight and block ratio. Chemical Communications, 2012, 48, 3590.	4.1	30
206	Size Dependent Biodistribution and SPECT Imaging of ¹¹¹In-Labeled Polymersomes. Bioconjugate Chemistry, 2012, 23, 958-965.	3.6	64
207	Entrapment of Metal Nanoparticles in Polymer Stomatocytes. Journal of the American Chemical Society, 2012, 134, 9894-9897.	13.7	50
208	Constrained and UV-activatable cell-penetrating peptides for intracellular delivery of liposomes. Journal of Controlled Release, 2012, 164, 87-94.	9.9	65
209	Autonomous movement of platinum-loaded stomatocytes. Nature Chemistry, 2012, 4, 268-274.	13.6	519
210	Polymerization-Induced Color Changes of Polydiacetylene-Containing Liposomes and Peptide Amphiphile Fibers. Langmuir, 2012, 28, 2049-2055.	3.5	20
211	From polymeric nanoreactors to artificial organelles. Chemical Science, 2012, 3, 335-342.	7.4	190
212	Peptide- and Protein-Based Hydrogels. Chemistry of Materials, 2012, 24, 759-773.	6.7	430
213	Fabrication of Gelatin Microgels by a â€œCastâ€•Strategy for Controlled Drug Release. Advanced Functional Materials, 2012, 22, 2673-2681.	14.9	67
214	Peptideâ€Mediated Bloodâ€“Brain Barrier Transport of Polymersomes. Angewandte Chemie - International Edition, 2012, 51, 8339-8342.	13.8	98
215	Biodegradable polymeric microcapsules for selective ultrasound-triggered drug release. Soft Matter, 2011, 7, 5417.	2.7	67
216	Polymer bioconjugates. Polymer Chemistry, 2011, 2, 1427.	3.9	8

#	Article	IF	Citations
217	Metal-free and pH-controlled introduction of azides in proteins. Chemical Science, 2011, 2, 701.	7.4	73
218	Mechanical and thermal stabilities of peptide amphiphile fibres. Soft Matter, 2011, 7, 9737.	2.7	13
219	A DNA-based strategy for dynamic positional enzyme immobilization inside fused silica microchannels. Chemical Science, 2011, 2, 1278.	7.4	47
220	Cofactor regeneration in polymersome nanoreactors: enzymatically catalysed Baeyerâ€“Villiger reactions. Journal of Materials Chemistry, 2011, 21, 18923.	6.7	54
221	Clickable Enzyme-Linked Immunosorbent Assay. Biomacromolecules, 2011, 12, 3692-3697.	5.4	22
222	Polymeric vesicles in biomedical applications. Polymer Chemistry, 2011, 2, 1449.	3.9	470
223	Fast Scale-Up Using Microreactors: Pyrrole Synthesis from Micro to Production Scale. Organic Process Research and Development, 2011, 15, 783-787.	2.7	48
224	Shedding the hydrophilic mantle of polymersomes. Polymer Chemistry, 2011, 2, 550-552.	3.9	24
225	Elastomeric Polypeptides. Topics in Current Chemistry, 2011, 310, 71-116.	4.0	60
226	Continuous flow azide formation: Optimization and scale-up. Chemical Engineering Journal, 2011, 167, 556-559.	12.7	58
227	Metalâ€Ionâ€Induced Formation and Stabilization of Protein Cages Based on the Cowpea Chlorotic Mottle Virus. Small, 2011, 7, 911-919.	10.0	24
228	A Comparison of Triazoleâ€forming Bioconjugation Techniques for Constructing Combâ€Shaped Peptideâ€“Polymer Bioconjugates. Macromolecular Rapid Communications, 2011, 32, 203-208.	3.9	22
229	Oppositely Charged Gelatin Nanospheres as Building Blocks for Injectable and Biodegradable Gels. Advanced Materials, 2011, 23, H119-24.	21.0	148
230	Staudinger Ligation as a Method for Bioconjugation. Angewandte Chemie - International Edition, 2011, 50, 8806-8827.	13.8	239
231	Controlled Shape Transformation of Polymersome Stomatocytes. Angewandte Chemie - International Edition, 2011, 50, 7070-7073.	13.8	92
232	Protein Modification by Strainâ€Promoted Alkyneâ€“Azide Cycloaddition. ChemBioChem, 2011, 12, 1309-1312.	2.6	48
233	A Modular and Noncovalent Transduction System for Leucineâ€Zipperâ€Tagged Proteins. ChemBioChem, 2011, 12, 2294-2297.	2.6	11
234	Smart nanocontainers and nanoreactors. Nanoscale, 2010, 2, 844.	5.6	194

#	Article	IF	Citations
235	Polypeptideâ€“polymer bioconjugates. Chemical Society Reviews, 2010, 39, 329-353.	38.1	240
236	Flash Chemistry Extensively Optimized: Highâ€Temperature Swernâ€“Moffatt Oxidation in an Automated Microreactor Platform. Chemistry - an Asian Journal, 2010, 5, 799-805.	3.3	83
237	Cellular Integration of an Enzymeâ€Loaded Polymersome Nanoreactor. Angewandte Chemie - International Edition, 2010, 49, 7213-7216.	13.8	133
238	Readily Accessible Bicyclononynes for Bioorthogonal Labeling and Threeâ€Dimensional Imaging of Living Cells. Angewandte Chemie - International Edition, 2010, 49, 9422-9425.	13.8	592
239	Preparation of Biodegradable Liquid Core PLLA Microcapsules and Hollow PLLA Microcapsules Using Microfluidics. Macromolecular Bioscience, 2010, 10, 475-480.	4.1	44
240	Microâ€and Nanocapsules: A Lively Field of Research. Macromolecular Bioscience, 2010, 10, 463-464.	4.1	7
241	Effect of the Diacetylene Position on the Chromatic Properties of Polydiacetylenes from Self-Assembled Peptide Amphiphiles. Biomacromolecules, 2010, 11, 1676-1683.	5.4	44
242	Polymersome Stomatocytes: Controlled Shape Transformation in Polymer Vesicles. Journal of the American Chemical Society, 2010, 132, 12522-12524.	13.7	199
243	Aza-dibenzocyclooctynes for fast and efficient enzyme PEGylation via copper-free (3+2) cycloaddition. Chemical Communications, 2010, 46, 97-99.	4.1	494
244	Stimulus responsive peptide based materials. Chemical Society Reviews, 2010, 39, 3394.	38.1	284
245	Elastin-based stimuli-responsive gold nanoparticles. Chemical Communications, 2010, 46, 3071.	4.1	26
246	Thrombin generation test in microfluidic systems. Journal of Applied Physics, 2009, 105, 102012.	2.5	6
247	Copperâ€Free Clickable Coatings. Advanced Functional Materials, 2009, 19, 3464-3470.	14.9	79
248	Reversible Immobilization onto PEGâ€based Emulsionâ€templated Porous Polymers by Coâ€assembly of Stimuli Responsive Polymers. Advanced Materials, 2009, 21, 55-59.	21.0	58
249	A Polymersome Nanoreactor with Controllable Permeability Induced by Stimuliâ€Responsive Block Copolymers. Advanced Materials, 2009, 21, 2787-2791.	21.0	320
250	A Threeâ€Enzyme Cascade Reaction through Positional Assembly of Enzymes in a Polymersome Nanoreactor. Chemistry - A European Journal, 2009, 15, 1107-1114.	3.3	319
251	Synthetic cells and organelles: compartmentalization strategies. BioEssays, 2009, 31, 1299-1308.	2.5	80
252	Sorting Catalytically Active Polymersome Nanoreactors by Flow Cytometry. Small, 2009, 5, 1138-1143.	10.0	9

#	Article	IF	Citations
253	Pulsating vesicles. Nature, 2009, 461, 45-47.	27.8	10
254	Biohybrid Polymer Capsules. Chemical Reviews, 2009, 109, 6212-6274.	47.7	375
255	Patterns of Diacetylene-Containing Peptide Amphiphiles Using Polarization Holography. Journal of the American Chemical Society, 2009, 131, 15014-15017.	13.7	25
256	Site-Specific Immobilization of DNA in Glass Microchannels via Photolithography. Langmuir, 2009, 25, 13952-13958.	3.5	35
257	Single-Step Azide Introduction in Proteins via an Aqueous Diazo Transfer. Bioconjugate Chemistry, 2009, 20, 20-23.	3.6	97
258	Optimizing the Deprotection of the Amine Protecting p-Methoxyphenyl Group in an Automated Microreactor Platform. Organic Process Research and Development, 2009, 13, 1003-1006.	2.7	34
259	Polymeric Monosaccharide Receptors Responsive at Neutral pH. Journal of the American Chemical Society, 2009, 131, 13908-13909.	13.7	143
260	Synergy between chemo- and bio-catalysts in multi-step transformations. Organic and Biomolecular Chemistry, 2009, 7, 2926.	2.8	20
261	â€œClickableâ€•elastins: elastin-like polypeptides functionalized with azide or alkyne groups. Chemical Communications, 2009, , 4022.	4.1	42
262	Temperature-controlled positioning of fusion proteins in microreactors. Soft Matter, 2009, 5, 2261.	2.7	12
263	Elastin-like polypeptides of different molecular weights show independent transition temperatures when mixed. Soft Matter, 2009, 5, 4305.	2.7	26
264	Controlled disassembly of peptide amphiphile fibres. Journal of Peptide Science, 2008, 14, 127-133.	1.4	16
265	A Block Copolymer for Functionalisation of Polymersome Surfaces. Macromolecular Rapid Communications, 2008, 29, 321-325.	3.9	81
266	Polymeric Microcapsules for Synthetic Applications. Macromolecular Bioscience, 2008, 8, 991-1005.	4.1	156
267	Enzymatic enantioselective Câ€“Câ€bond formation in microreactors. Biotechnology and Bioengineering, 2008, 99, 1028-1033.	3.3	50
268	Enzymatic synthesis of optically pure cyanohydrins in microchannels using a crude cell lysate. Chemical Engineering Journal, 2008, 135, S89-S92.	12.7	36
269	Flexible peptide assembly. Nature, 2008, 456, 186-187.	27.8	3
270	Encoding synthetic polymers. Nature Chemical Biology, 2008, 4, 272-273.	8.0	9

#	Article	IF	Citations
271	Enzymes containing porous polymersomes as nano reaction vessels for cascade reactions. Organic and Biomolecular Chemistry, 2008, 6, 4315.	2.8	126
272	One-Step Photochemical Attachment of NHS-Terminated Monolayers onto Silicon Surfaces and Subsequent Functionalization. Langmuir, 2008, 24, 7931-7938.	3.5	78
273	Fine-tuning the transition temperature of a stimuli-responsive polymer by a simple blending procedure. Chemical Communications, 2008, , 2230.	4.1	43
274	Self-Assembly and Polymerization of Diacetylene-Containing Peptide Amphiphiles in Aqueous Solution. Biomacromolecules, 2008, 9, 2727-2734.	5.4	40
275	Oligo(p-phenylenevinylene)â^'Peptide Conjugates: Synthesis and Self-Assembly in Solution and at the Solidâ^'Liquid Interface. Journal of the American Chemical Society, 2008, 130, 14576-14583.	13.7	100
276	Site-Specific Modification of Candida antarctica Lipase B via Residue-Specific Incorporation of a Non-Canonical Amino Acid. Bioconjugate Chemistry, 2008, 19, 1127-1131.	3.6	80
277	Biosynthesis of an Amphiphilic Silk-Like Polymer. Biomacromolecules, 2008, 9, 1705-1711.	5.4	38
278	Elastin-Based Side-Chain Polymers:â€‰ Improved Synthesis via RAFT and Stimulus Responsive Behavior. Macromolecules, 2007, 40, 6094-6099.	4.8	81
279	â€œClickableâ€•polymersomes. Chemical Communications, 2007, , 3136.	4.1	140
280	Biosynthetic-Synthetic Polymer Conjugates. Polymer Reviews, 2007, 47, 63-92.	10.9	93
281	Atom Transfer Radical Polymerization of Adenine, Thymine, Cytosine, and Guanine Nucleobase Monomers. Macromolecules, 2007, 40, 12-18.	4.8	60
282	Polymersome Nanoreactors for Enzymatic Ring-Opening Polymerization. Biomacromolecules, 2007, 8, 3723-3728.	5.4	88
283	Stabilization of Peptide Fibrils by Hydrophobic Interaction. Langmuir, 2007, 23, 2058-2063.	3.5	53
284	Positional Assembly of Enzymes in Polymersome Nanoreactors for Cascade Reactions. Angewandte Chemie - International Edition, 2007, 46, 7378-7382.	13.8	391
285	Convenient Solid-Phase Synthesis of Ureido-Pyrimidinone Modified Peptides. European Journal of Organic Chemistry, 2007, 2007, 3622-3632.	2.4	27
286	Elastin as a biomaterial for tissue engineering. Biomaterials, 2007, 28, 4378-4398.	11.4	416
287	Modular synthesis of ABC type block copolymers by â€œclickâ€•chemistry. Journal of Polymer Science Part A, 2007, 45, 2913-2924.	2.3	125
288	A virus-based biocatalyst. Nature Nanotechnology, 2007, 2, 226-229.	31.5	115

#	Article	IF	Citations
289	Fibril Formation by Triblock Copolymers of Silklike Î²-Sheet Polypeptides and Poly(ethylene glycol). Macromolecules, 2006, 39, 2989-2997.	4.8	66
290	Synthesis and assembly behavior of nucleobase-functionalized block copolymers. Journal of Polymer Science Part A, 2006, 44, 4242-4250.	2.3	57
291	Solid-phase synthesis ofC-terminally modified peptides. Journal of Peptide Science, 2006, 12, 686-692.	1.4	32
292	Stereoselective Incorporation of an Unsaturated Isoleucine Analogue into a Protein Expressed in E. coli. ChemBioChem, 2006, 7, 83-87.	2.6	20
293	Synthesis of Bio-Inspired Hybrid PolymersUsing Peptide Synthesis and Protein Engineering. Advances in Polymer Science, 2006, , 19-52.	0.8	74
294	AFM Studies of Î²-Sheet Block Copolymers at Solid Surfaces: High-Resolution Structures and Aggregation Dynamics. Australian Journal of Chemistry, 2006, 59, 560.	0.9	1
295	Polymer Protein Hybrids. Macromolecular Symposia, 2005, 225, 1-8.	0.7	17
296	Unusual rate enhancement in the thymine assisted ATRP process of adenine monomers. Polymer, 2005, 46, 8528-8535.	3.8	44
297	Tuning Secondary Structure and Self-Assembly of Amphiphilic Peptides. Langmuir, 2005, 21, 524-526.	3.5	74
298	Controlled Assembly of Macromolecular ?-Sheet Fibrils. Angewandte Chemie - International Edition, 2005, 44, 1968-1971.	13.8	157
299	Synthesis and Controlled Polymerisation of a Novel Gramicidin S Analogue. Macromolecular Rapid Communications, 2005, 26, 1336-1340.	3.9	26
300	Noncovalent synthesis of supramolecular dendritic architectures in water. Journal of Polymer Science Part A, 2005, 43, 6431-6437.	2.3	14
301	Peptide-polymer vesicles prepared by atom transfer radical polymerization. Journal of Polymer Science Part A, 2005, 43, 6355-6366.	2.3	70
302	Modular synthesis of block copolymers via cycloaddition of terminal azide and alkyne functionalized polymers. Chemical Communications, 2005, , 57.	4.1	475
303	Solid phase synthesis of biohybrid block copolymers. Chemical Communications, 2005, , 602-604.	4.1	31
304	Stimulus Responsive Behavior of Elastin-Based Side Chain Polymers. Macromolecules, 2005, 38, 1699-1704.	4.8	99
305	Î²-Sheet Side Chain Polymers Synthesized by Atom-Transfer Radical Polymerization. Biomacromolecules, 2005, 6, 825-831.	5.4	54
306	Preparation of biohybrid amphiphiles via the copper catalysed Huisgen [3 + 2] dipolar cycloaddition reaction. Chemical Communications, 2005, , 4172.	4.1	201

#	Article	IF	Citations
307	Peptide based amphiphiles. Chemical Society Reviews, 2004, 33, 234-245.	38.1	242
308	Bioinspired Triblock Copolymers Prepared by Atom Transfer Radical Copolymerization. ACS Symposium Series, 2003, , 394-410.	0.5	3
309	Elastin-Based Side-Chain Polymers Synthesized by ATRP. Macromolecules, 2003, 36, 5967-5973.	4.8	165
310	Non-covalent stabilization of a Î²-hairpin peptide into liposomes. Organic and Biomolecular Chemistry, 2003, 1, 1827-1829.	2.8	32
311	Synthesis of Diaminosuberic Acid Derivatives via Ring-Closing Alkyne Metathesis. Journal of Organic Chemistry, 2001, 66, 3584-3589.	3.2	64
312	Protein-based materials, toward a new level of structural control. Chemical Communications, 2001, , 1897-1904.	4.1	368
313	Efficient Incorporation of Unsaturated Methionine Analogues into Proteins in Vivo. Journal of the American Chemical Society, 2000, 122, 1282-1288.	13.7	265
314	Expanding the Scope of Protein Biosynthesis by Altering the Methionyl-tRNA Synthetase Activity of a Bacterial Expression Host. Angewandte Chemie - International Edition, 2000, 39, 2148-2152.	13.8	3
315	Efficient introduction of alkene functionality into proteins in vivo. FEBS Letters, 1998, 428, 68-70.	2.8	82
316	Observing individual generations in poly(propyleneimine) dendrimers with natural abundance ‹sup›15‹/sup›Nâ€NMR spectroscopy. Recueil Des Travaux Chimiques Des Pays-Bas, 1994, 113, 573-574.	0.0	15
317	Synthesis of amphiphilic polystyreneâ€“ionene diblock copolymers with controlled block lengths. Polymer International, 1993, 31, 317-322.	3.1	4
318	Functional Nanomaterials using the Cu-Catalyzed Huisgen Cycloaddition Reaction. , 0, , 255-289.		1