

Jrg Lahann

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

157
papers

6,779
citations

39
h-index

80
g-index

174
ext. papers

7,545
ext. citations

10.3
avg, IF

6.2
L-index

#	Paper	IF	Citations
157	Protein Nanoparticles: Uniting the Power of Proteins with Engineering Design Approaches.. <i>Advanced Science</i> , 2022 , e2104012	13.6	5
156	Systematic studies into uniform synthetic protein nanoparticles.. <i>Beilstein Journal of Nanotechnology</i> , 2022 , 13, 274-283	3	0
155	A Bioreactor for 3D Modeling of the Mechanical Stimulation of Osteocytes.. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022 , 10, 797542	5.8	
154	Deep Learning Assisted Stratification of Amyloid Beta Mutants Using Drying Droplet Patterns.. <i>Advanced Materials</i> , 2022 , e2110404	24	1
153	Coaxial electrospray of uniform polylactide core-shell microparticles for long-acting contraceptive.. <i>Journal of Controlled Release</i> , 2021 , 341, 634-645	11.7	2
152	Surfaces decorated with enantiomorphically pure polymer nanohelices via hierarchical chirality transfer across multiple length scales.. <i>Advanced Materials</i> , 2021 , e2108386	24	2
151	Supramolecular arrangement of protein in nanoparticle structures predicts nanoparticle tropism for neutrophils in acute lung inflammation. <i>Nature Nanotechnology</i> , 2021 ,	28.7	13
150	Facile Fabrication of Anisotropic Multicompartmental Microfibers Using Charge Reversal Electrohydrodynamic Co-Jetting. <i>Macromolecular Rapid Communications</i> , 2021 , e2100560	4.8	2
149	Performance Fabrics Obtained by Growth of Metal-Organic Frameworks in Electrospun Fibers. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 12491-12500	9.5	5
148	3D jet writing of mechanically actuated tandem scaffolds. <i>Science Advances</i> , 2021 , 7,	14.3	11
147	Graph theoretical design of biomimetic aramid nanofiber composites as insulation coatings for implantable bioelectronics. <i>MRS Bulletin</i> , 2021 , 46, 576-587	3.2	4
146	Nanoparticle Tracking Analysis of Polymer Nanoparticles in Blood Plasma. <i>Particle and Particle Systems Characterization</i> , 2021 , 38, 2100016	3.1	4
145	Targeting gliomas with STAT3-silencing nanoparticles. <i>Molecular and Cellular Oncology</i> , 2021 , 8, 1870647	1.2	2
144	Overcoming biological barriers to improve solid tumor immunotherapy. <i>Drug Delivery and Translational Research</i> , 2021 , 11, 2276-2301	6.2	4
143	Aligned Networks of Engineered Fibrillar Fibronectin Guide Cellular Orientation and Motility. <i>Small Structures</i> , 2021 , 2, 2000137	8.7	2
142	Chemically Tunable Organic Dielectric Layer on an Oxide TFT: Poly(-xylylene) Derivatives. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 43123-43133	9.5	0
141	Printable Organic Electronic Materials for Precisely Positioned Cell Attachment. <i>Langmuir</i> , 2021 , 37, 1874-1881	11	

140	Molecular Changes in Vapor-Based Polymer Thin Films Assessed by Characterization of Swelling Properties of Amine-Functionalized Poly-p-xylylene. <i>Macromolecular Chemistry and Physics</i> , 2020 , 221, 2000213	2.6	
139	Immunotherapy for gliomas: shedding light on progress in preclinical and clinical development. <i>Expert Opinion on Investigational Drugs</i> , 2020 , 29, 659-684	5.9	7
138	Variable-height channels for microparticle characterization and display. <i>Lab on A Chip</i> , 2020 , 20, 2510-2519	1.9	4
137	Enhanced mitochondrial fission suppresses signaling and metastasis in triple-negative breast cancer. <i>Breast Cancer Research</i> , 2020 , 22, 60	8.3	17
136	Emerging methods in therapeutics using multifunctional nanoparticles. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2020 , 12, e1625	9.2	20
135	Cooperative Switching in Large-Area Assemblies of Magnetic Janus Particles. <i>Advanced Functional Materials</i> , 2020 , 30, 1907865	15.6	5
134	Engineered Ovalbumin Nanoparticles for Cancer Immunotherapy. <i>Advanced Therapeutics</i> , 2020 , 3, 2000100	1.0	15
133	Prospects of biological and synthetic pharmacotherapies for glioblastoma. <i>Expert Opinion on Biological Therapy</i> , 2020 , 20, 305-317	5.4	9
132	Multifunctional Synthetic Protein Nanoparticles via Reactive Electrojetting. <i>Macromolecular Rapid Communications</i> , 2020 , 41, e2000425	4.8	8
131	Ionic-Liquid-Based Safe Adjuvants. <i>Advanced Materials</i> , 2020 , 32, e2002990	2.4	8
130	Systemic brain tumor delivery of synthetic protein nanoparticles for glioblastoma therapy. <i>Nature Communications</i> , 2020 , 11, 5687	17.4	36
129	Electrokinetic characterization of synthetic protein nanoparticles. <i>Beilstein Journal of Nanotechnology</i> , 2020 , 11, 1556-1567	3	6
128	Programmable Delivery of Synergistic Cancer Drug Combinations Using Bicompartamental Nanoparticles. <i>Advanced Healthcare Materials</i> , 2020 , 9, e2000564	10.1	9
127	Chemical vapor deposited polymer layer for efficient passivation of planar perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 20122-20132	13	14
126	On Demand Light-Degradable Polymers Based on 9,10-Dialkoxyanthracenes. <i>Macromolecular Rapid Communications</i> , 2020 , 41, e2000314	4.8	0
125	Enzyme Scaffolds with Hierarchically Defined Properties via 3D Jet Writing. <i>Macromolecular Bioscience</i> , 2020 , 20, e2000154	5.5	7
124	Effect of Nanoparticle Composition, Size, Shape, and Stiffness on Penetration Across the Blood-Brain Barrier. <i>ACS Biomaterials Science and Engineering</i> , 2020 , 6, 4916-4928	5.5	35
123	High-Throughput Scaffold System for Studying the Effect of Local Geometry and Topology on the Development and Orientation of Sprouting Blood Vessels. <i>Advanced Functional Materials</i> , 2020 , 30, 1901335	15.6	11

122	Selective Localization of Hierarchically Assembled Particles to Plasma Membranes of Living Cells. <i>Small Methods</i> , 2019 , 3, 1800408	12.8	2
121	Carbohydrate-Based Polymer Brushes Prevent Viral Adsorption on Electrostatically Heterogeneous Interfaces. <i>Macromolecular Rapid Communications</i> , 2019 , 40, e1800530	4.8	6
120	Emerging Trends in Information-Driven Engineering of Complex Biological Systems. <i>Advanced Materials</i> , 2019 , 31, e1806898	24	6
119	Constitutive release of CPS1 in bile and its role as a protective cytokine during acute liver injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 9125-9134	11.5	17
118	Soft Matter Technology at KIT: Chemical Perspective from Nanoarchitectures to Microstructures. <i>Advanced Materials</i> , 2019 , 31, e1806334	24	8
117	Engineered Fibrillar Fibronectin Networks as Three-Dimensional Tissue Scaffolds. <i>Advanced Materials</i> , 2019 , 31, e1904580	24	25
116	3D Jet Writing: Functional Microtissues Based on Tessellated Scaffold Architectures. <i>Advanced Materials</i> , 2018 , 30, e1707196	24	42
115	Progress of Multicompartmental Particles for Medical Applications. <i>Advanced Healthcare Materials</i> , 2018 , 7, e1701319	10.1	13
114	Synthesis and interfacial activity of PMMA/PtBMA Janus and homogeneous nanoparticles at water/oil interfaces. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018 , 536, 259-265	5.1	11
113	Planar chiral [2.2]paracyclophanes: from synthetic curiosity to applications in asymmetric synthesis and materials. <i>Chemical Society Reviews</i> , 2018 , 47, 6947-6963	58.5	84
112	Red blood cell-hitchhiking boosts delivery of nanocarriers to chosen organs by orders of magnitude. <i>Nature Communications</i> , 2018 , 9, 2684	17.4	135
111	Surface-Reactive Patchy Nanoparticles and Nanodiscs Prepared by Tandem Nanoprecipitation and Internal Phase Separation. <i>Advanced Functional Materials</i> , 2018 , 28, 1800846	15.6	20
110	Compartmentalized Microhelices Prepared via Electrohydrodynamic Cojetting. <i>Advanced Science</i> , 2018 , 5, 1800024	13.6	7
109	Work Function Modification via Combined Charge-Based Through-Space Interaction and Surface Interaction. <i>Advanced Materials Interfaces</i> , 2018 , 5, 1800471	4.6	4
108	Templated nanofiber synthesis via chemical vapor polymerization into liquid crystalline films. <i>Science</i> , 2018 , 362, 804-808	33.3	33
107	Anisotropic Nanomaterials: Surface-Reactive Patchy Nanoparticles and Nanodiscs Prepared by Tandem Nanoprecipitation and Internal Phase Separation (Adv. Funct. Mater. 39/2018). <i>Advanced Functional Materials</i> , 2018 , 28, 1870282	15.6	
106	Surface-initiated RAFT polymerization from vapor-based polymer coatings. <i>Polymer</i> , 2018 , 150, 26-34	3.9	9
105	pH-Responsive Aminomethyl Functionalized Poly(p-xylylene) Coatings by Chemical Vapor Deposition Polymerization. <i>Macromolecular Chemistry and Physics</i> , 2017 , 218, 1600521	2.6	7

104	Backbone-Degradable Polymers Prepared by Chemical Vapor Deposition. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 203-207	16.4	21
103	Electrospun Polymer Fiber Lasers for Applications in Vapor Sensing. <i>Advanced Optical Materials</i> , 2017 , 5, 1700248	8.1	12
102	Polylutidines: Multifunctional Surfaces through Vapor-Based Polymerization of Substituted Pyridinophanes. <i>Chemistry - A European Journal</i> , 2017 , 23, 13342-13350	4.8	9
101	Examining Nanoparticle Adsorption on Electrostatically "Patchy" Glycopolymer Brushes Using Real-Time EPotential Measurements. <i>Langmuir</i> , 2017 , 33, 6322-6332	4	2
100	Needleless Electrohydrodynamic Cojetting of Bicompartmental Particles and Fibers from an Extended Fluid Interface. <i>Macromolecular Rapid Communications</i> , 2017 , 38, 1600437	4.8	14
99	Spatial Analysis of Metal@PLGA Hybrid Microstructures Using 3D SERS Imaging. <i>Advanced Functional Materials</i> , 2017 , 27, 1701626	15.6	28
98	Bioinstructive Coatings for Hematopoietic Stem Cell Expansion Based on Chemical Vapor Deposition Copolymerization. <i>Biomacromolecules</i> , 2017 , 18, 3089-3098	6.9	7
97	Microencapsulation of Live Cells in Synthetic Polymer Capsules. <i>ACS Omega</i> , 2017 , 2, 2839-2847	3.9	22
96	Nanoparticle-Based Targeting and Detection of Microcavities. <i>Advanced Healthcare Materials</i> , 2017 , 6, 1600883	10.1	4
95	Orientation Determination of a Hybrid Peptide Immobilized on CVD-Based Reactive Polymer Surfaces. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 19078-19086	3.8	11
94	Corrosion of Concrete by Water-Induced Metal@Proton Exchange. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 22455-22459	3.8	17
93	Persistence, distribution, and impact of distinctly segmented microparticles on cochlear health following in vivo infusion. <i>Journal of Biomedical Materials Research - Part A</i> , 2016 , 104, 1510-22	5.4	9
92	Predictive Model for the Design of Zwitterionic Polymer Brushes: A Statistical Design of Experiments Approach. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 16595-603	9.5	10
91	Engineered Human Stem Cell Microenvironments. <i>Current Stem Cell Reports</i> , 2016 , 2, 73-84	1.8	4
90	Multi-luminescent switching of metal-free organic phosphors for luminometric detection of organic solvents. <i>Chemical Science</i> , 2016 , 7, 2359-2363	9.4	41
89	Ultrasensitive In Situ Fluorescence Analysis using Modulated Fluorescence Interference Contrast at Nanostructured Polymer Surfaces. <i>Advanced Materials</i> , 2016 , 28, 2367-73	24	6
88	Multigrowth Factor Delivery via Immobilization of Gene Therapy Vectors. <i>Advanced Materials</i> , 2016 , 28, 3145-51	24	10
87	Engineering of nanoparticle size via electrohydrodynamic jetting. <i>Bioengineering and Translational Medicine</i> , 2016 , 1, 82-93	14.8	21

86	Dual Release Carriers for Cochlear Delivery. <i>Advanced Healthcare Materials</i> , 2016 , 5, 94-100	10.1	18
85	Snail-like Particles from Compartmentalized Microfibers. <i>Macromolecular Rapid Communications</i> , 2016 , 37, 73-78	4.8	4
84	CXCR4-Targeted Nanocarriers for Triple Negative Breast Cancers. <i>Biomacromolecules</i> , 2015 , 16, 2412-7	6.9	27
83	Dual-stimuli-responsive microparticles. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 9744-51	9.5	40
82	Selective and Reversible Binding of Thiol-Functionalized Biomolecules on Polymers Prepared via Chemical Vapor Deposition Polymerization. <i>Langmuir</i> , 2015 , 31, 5123-9	4	15
81	Long-circulating Janus nanoparticles made by electrohydrodynamic co-jetting for systemic drug delivery applications. <i>Journal of Drug Targeting</i> , 2015 , 23, 750-8	5.4	26
80	Cardiomyocyte-Driven Actuation in Biohybrid Microcylinders. <i>Advanced Materials</i> , 2015 , 27, 4509-4515	24	40
79	Uniform Coating of Microparticles using CVD Polymerization. <i>Chemical Vapor Deposition</i> , 2015 , 21, 288-293		4
78	Evaluating UV/H ₂ O ₂ exposure as a DEHP degradation treatment for plasticized PVC. <i>Journal of Applied Polymer Science</i> , 2014 , 131, n/a-n/a	2.9	8
77	Chemically orthogonal three-patch microparticles. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 2332-8	16.4	40
76	Fabrication of highly uniform gel coatings by the conversion of surface-anchored metal-organic frameworks. <i>Journal of the American Chemical Society</i> , 2014 , 136, 8-11	16.4	102
75	Derivation and long-term culture of transgene-free human induced pluripotent stem cells on synthetic substrates. <i>Stem Cells Translational Medicine</i> , 2014 , 3, 1410-7	6.9	11
74	Enhancement of the propagation of human embryonic stem cells by modifications in the gel architecture of PMEDSAH polymer coatings. <i>Biomaterials</i> , 2014 , 35, 9581-90	15.6	23
73	Orthogonal surface functionalization through bioactive vapor-based polymer coatings. <i>Journal of Applied Polymer Science</i> , 2014 , 131, n/a-n/a	2.9	12
72	Recent progress with multicompartmental nanoparticles. <i>MRS Bulletin</i> , 2014 , 39, 251-257	3.2	21
71	Design Strategies for Reduced-scale Surface Composition Gradients via CVD Copolymerization. <i>Chemical Vapor Deposition</i> , 2014 , 20, 23-31		2
70	Surface engineering the cellular microenvironment via patterning and gradients. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2013 , 51, 775-794	2.6	41
69	Multimodal delivery of irinotecan from microparticles with two distinct compartments. <i>Journal of Controlled Release</i> , 2013 , 172, 239-245	11.7	39

68	Photoswitchable particles for on-demand degradation and triggered release. <i>Small</i> , 2013 , 9, 3051-7	11	13
67	Janus-core and shell microfibers. <i>Langmuir</i> , 2013 , 29, 6181-6	4	33
66	Controlled microstructuring of janus particles based on a multifunctional poly(ethylene glycol). <i>Macromolecular Rapid Communications</i> , 2013 , 34, 1554-9	4.8	12
65	A Facile Route Towards Inorganic Particles with Two Distinct Compartments Based on Electro-Hydrodynamic Co-Jetting. <i>Particle and Particle Systems Characterization</i> , 2013 , 30, 936-939	3.1	3
64	Anisotropic Janus catalysts for spatially controlled chemical reactions. <i>Small</i> , 2012 , 8, 3116-22	11	44
63	Landing Rate Measurements to Detect Fibrinogen Adsorption to Non-fouling Surfaces. <i>Cellular and Molecular Bioengineering</i> , 2012 , 5, 320-326	3.9	7
62	Differentially degradable janus particles for controlled release applications. <i>Macromolecular Rapid Communications</i> , 2012 , 33, 1178-83	4.8	59
61	Multicompartmental particles for combined imaging and siRNA delivery. <i>Advanced Materials</i> , 2012 , 24, 3850-6	24	64
60	Chemically Controlled Bending of Compositionally Anisotropic Microcylinders. <i>Angewandte Chemie</i> , 2012 , 124, 684-689	3.6	2
59	Spontaneous shape reconfigurations in multicompartmental microcylinders. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 16057-62	11.5	85
58	Designable biointerfaces using vapor-based reactive polymers. <i>Langmuir</i> , 2011 , 27, 34-48	4	91
57	Recent advances with anisotropic particles. <i>Current Opinion in Colloid and Interface Science</i> , 2011 , 16, 195-202	7.6	202
56	Recent progress in nano-biotechnology: compartmentalized micro- and nanoparticles via electrohydrodynamic co-jetting. <i>Small</i> , 2011 , 7, 1149-56	11	79
55	Switchable Surface Approaches 2011 , 139-163		1
54	Bio-orthogonal "double-click" chemistry based on multifunctional coatings. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 6522-6	16.4	72
53	Multifunctional polymer particles with distinct compartments. <i>Journal of Materials Chemistry</i> , 2011 , 21, 8502		71
52	Complex Protein Patterns in Drying Droplets. <i>Materials Research Society Symposia Proceedings</i> , 2010 , 1273, 30101		9
51	Anisotropic hybrid particles based on electrohydrodynamic co-jetting of nanoparticle suspensions. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 11894-9	3.6	42

50	Towards designer microparticles: simultaneous control of anisotropy, shape, and size. <i>Small</i> , 2010 , 6, 404-11	11	124
49	Vapor-based polymer gradients. <i>Macromolecular Rapid Communications</i> , 2009 , 30, 57-63	4.8	37
48	Multicompartmental microcylinders. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 4589-93	16.4	107
47	Physical approaches to biomaterial design. <i>Nature Materials</i> , 2009 , 8, 15-23	27	1103
46	Microstructured materials based on multicompartmental fibers. <i>Journal of the American Chemical Society</i> , 2009 , 131, 6650-1	16.4	75
45	Dynamically switchable biointerfaces. <i>Soft Matter</i> , 2009 , 5, 1555	3.6	36
44	Reactive Polymer Coatings for Biological Applications. <i>ACS Symposium Series</i> , 2008 , 283-298	0.4	3
43	Fully monolithic CMOS nickel micromechanical resonator oscillator. <i>Proceedings of the IEEE International Conference on Micro Electro Mechanical Systems (MEMS)</i> , 2008 ,		5
42	Environmentally responsive core/shell particles via electrohydrodynamic co-jetting of fully miscible polymer solutions. <i>Small</i> , 2008 , 4, 1756-62	11	34
41	Towards Multipotent Coatings: Chemical Vapor Deposition and Biofunctionalization of Carbonyl-Substituted Copolymers. <i>Macromolecular Rapid Communications</i> , 2008 , 29, 855-870	4.8	33
40	Spatioselective Modification of Bicompartamental Polymer Particles and Fibers via Huisgen 1,3-Dipolar Cycloaddition. <i>Macromolecular Rapid Communications</i> , 2008 , 29, 1655-1660	4.8	49
39	Water-stable biphasic nanocolloids with potential use as anisotropic imaging probes. <i>Langmuir</i> , 2007 , 23, 5683-8	4	77
38	Short-term biocompatibility of biphasic nanocolloids with potential use as anisotropic imaging probes. <i>Biomaterials</i> , 2007 , 28, 2446-56	15.6	80
37	Reactive polymer coatings that "Click". <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 3360-3	16.4	160
36	The Synthesis of Brominated Tetrafluoro[2.2]paracyclophanes. <i>European Journal of Organic Chemistry</i> , 2006 , 2006, 5499-5504	3.2	3
35	REACTIVE POLYMER COATINGS FOR BIOMIMETIC SURFACE ENGINEERING. <i>Chemical Engineering Communications</i> , 2006 , 193, 1457-1468	2.2	26
34	Surface modification of confined microgeometries via vapor-deposited polymer coatings. <i>Journal of the American Chemical Society</i> , 2006 , 128, 374-80	16.4	90
33	Triphasic nanocolloids. <i>Journal of the American Chemical Society</i> , 2006 , 128, 6796-7	16.4	136

32	Vapor-based polymer coatings for potential biomedical applications. <i>Polymer International</i> , 2006 , 55, 1361-1370	3.3	110
31	From Advanced Biomedical Coatings to Multi-Functionalized Biomaterials. <i>Journal of Macromolecular Science - Reviews in Macromolecular Chemistry and Physics</i> , 2006 , 46, 347-375		53
30	Vapor-Based Polymerization of Functionalized [2.2]Paracyclophanes: A Unique Approach towards Surface-Engineered Microenvironments 2005 , 463-484		1
29	Biphasic Janus particles with nanoscale anisotropy. <i>Nature Materials</i> , 2005 , 4, 759-63	27	632
28	Vapor-Based Synthesis of Poly[(4-formyl-p-xylylene)-co-(p-xylylene)] and Its Use for Biomimetic Surface Modifications. <i>Macromolecular Rapid Communications</i> , 2005 , 26, 1794-1799	4.8	59
27	A reversibly switching surface. <i>Science</i> , 2003 , 299, 371-4	33.3	971
26	Reactive polymer coatings: a first step toward surface engineering of microfluidic devices. <i>Analytical Chemistry</i> , 2003 , 75, 2117-22	7.8	165
25	Fabrication of elastomeric stamps with polymer-reinforced sidewalls via chemically selective vapor deposition polymerization of poly(p-xylylene). <i>Applied Physics Letters</i> , 2003 , 83, 4250-4252	3.4	28
24	Surface-Initiated Ring-Opening Polymerization of ϵ -Caprolactone from a Patterned Poly(hydroxymethyl- p-xylylene). <i>Macromolecular Rapid Communications</i> , 2001 , 22, 968-971	4.8	52
23	Synthesis of Amino. <i>Angewandte Chemie - International Edition</i> , 2001 , 40, 726-728	16.4	59
22	Click Chemistry: A Universal Ligation Strategy for Biotechnology and Materials Science1-7		6
21	Dendrimer Synthesis and Functionalization by Click Chemistry for Biomedical Applications177-193		8
20	Click Chemistry on Supramolecular Materials119-175		14
19	The Role of Click Chemistry in Polymer Synthesis69-88		2
18	Supramolecular Organization Predicts Protein Nanoparticle Delivery to Neutrophils for Acute Lung Inflammation Diagnosis and Treatment		4
17	Systemic Brain Tumor Delivery of Synthetic Protein Nanoparticles for Glioblastoma Therapy		2
16	Click Chemistry in the Preparation of Biohybrid Materials217-254		1
15	Functional Nanomaterials using the Cu-Catalyzed Huisgen Cycloaddition Reaction255-289		0

14	Click Chemistry in Protein Engineering, Design, Detection and Profiling	309-325	2
13	Fluorogenic Copper(I)-Catalyzed Azide-Alkyne Cycloaddition Reactions and their Applications in Bioconjugation	227-353	3
12	Synthesis and Functionalization of Biomolecules via Click Chemistry	355-378	1
11	Unprecedented Electro-Optic Properties in Polymers and Dendrimers Enabled by Click Chemistry Based on the Diels-Alder Reactions	379-398	1
10	Common Synthons for Click Chemistry in Biotechnology	9-28	3
9	Copper-Free Click Chemistry	29-51	5
8	Protein and Peptide Conjugation to Polymers and Surfaces Using Oxime Chemistry	53-68	10
7	Blocks, Stars and Combs: Complex Macromolecular Architecture Polymers via Click Chemistry	89-117	2
6	Reversible Diels-Alder Cycloaddition for the Design of Multifunctional Network Polymers	195-215	5
5	Multifunctional Reactive Polymer Coatings	199-218	2
4	Macrophage-Targeting Poly(lactide-co-glycolic acid) Nanoparticles Decorated with Multifunctional Brush Polymers. <i>Particle and Particle Systems Characterization</i> , 2100284		3.1
3	Sharing of Strain Between Nanofiber Forests and Liquid Crystals Leads to Programmable Responses to Electric Fields. <i>Advanced Functional Materials</i> , 2200830		15.6
2	Copper-Catalyzed Click Chemistry for Surface Engineering	291-307	
1	Systemic Delivery of an Adjuvant CXCR4/XCL12 Signaling Inhibitor Encapsulated in Synthetic Protein Nanoparticles for Glioma Immunotherapy. <i>ACS Nano</i> ,		16.7 3