

Timothy J Deming

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134
papers

12,826
citations

54
h-index

112
g-index

147
ext. papers

13,870
ext. citations

11.3
avg, IF

6.9
L-index

#	Paper	IF	Citations
134	Astrocyte scar formation aids central nervous system axon regeneration. <i>Nature</i> , 2016 , 532, 195-200	50.4	964
133	Rapidly recovering hydrogel scaffolds from self-assembling diblock copolypeptide amphiphiles. <i>Nature</i> , 2002 , 417, 424-8	50.4	734
132	Stimuli-responsive polypeptide vesicles by conformation-specific assembly. <i>Nature Materials</i> , 2004 , 3, 244-8	27	661
131	Biomimetic synthesis of ordered silica structures mediated by block copolypeptides. <i>Nature</i> , 2000 , 403, 289-92	50.4	601
130	Role of l-3,4-Dihydroxyphenylalanine in Mussel Adhesive Proteins. <i>Journal of the American Chemical Society</i> , 1999 , 121, 5825-5826	16.4	535
129	Facile synthesis of block copolypeptides of defined architecture. <i>Nature</i> , 1997 , 390, 386-9	50.4	525
128	Synthetic polypeptides for biomedical applications. <i>Progress in Polymer Science</i> , 2007 , 32, 858-875	29.6	429
127	Synthetic Polypeptide Mimics of Marine Adhesives. <i>Macromolecules</i> , 1998 , 31, 4739-45	5.5	356
126	Polyarginine segments in block copolypeptides drive both vesicular assembly and intracellular delivery. <i>Nature Materials</i> , 2007 , 6, 52-7	27	351
125	Charged polypeptide vesicles with controllable diameter. <i>Journal of the American Chemical Society</i> , 2005 , 127, 12423-8	16.4	315
124	Assembly of Nanoparticles into Hollow Spheres Using Block Copolypeptides. <i>Nano Letters</i> , 2002 , 2, 583-587	27.0	270
123	Cooperative Assembly of Magnetic Nanoparticles and Block Copolypeptides in Aqueous Media. <i>Nano Letters</i> , 2003 , 3, 1489-1493	11.5	259
122	Synthesis of Side-Chain Modified Polypeptides. <i>Chemical Reviews</i> , 2016 , 116, 786-808	68.1	258
121	Translocation of HIV TAT peptide and analogues induced by multiplexed membrane and cytoskeletal interactions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 16883-8	11.5	245
120	Nanoscale double emulsions stabilized by single-component block copolypeptides. <i>Nature</i> , 2008 , 455, 85-8	50.4	225
119	Mussel byssus and biomolecular materials. <i>Current Opinion in Chemical Biology</i> , 1999 , 3, 100-5	9.7	222
118	Polypeptide-templated synthesis of hexagonal silica platelets. <i>Journal of the American Chemical Society</i> , 2005 , 127, 12577-82	16.4	197

117	Living polymerization of α -amino acid-N-carboxyanhydrides. <i>Journal of Polymer Science Part A</i> , 2000 , 38, 3011-3018	2.5	194
116	Polypeptide Materials: New synthetic methods and applications. <i>Advanced Materials</i> , 1997 , 9, 299-311	24	185
115	Required growth facilitators propel axon regeneration across complete spinal cord injury. <i>Nature</i> , 2018 , 561, 396-400	50.4	184
114	Methodologies for preparation of synthetic block copolypeptides: materials with future promise in drug delivery. <i>Advanced Drug Delivery Reviews</i> , 2002 , 54, 1145-55	18.5	181
113	Glycopolypeptides with a redox-triggered helix-to-coil transition. <i>Journal of the American Chemical Society</i> , 2012 , 134, 4112-5	16.4	178
112	Rheology of Block Copolypeptide Solutions: Hydrogels with Tunable Properties. <i>Macromolecules</i> , 2004 , 37, 3943-3953	5.5	175
111	Polypeptide and Polypeptide Hybrid Copolymer Synthesis via NCA Polymerization	1-18	168
110	Polypeptide hydrogels via a unique assembly mechanism. <i>Soft Matter</i> , 2005 , 1, 28-35	3.6	151
109	Glycopolypeptides via living polymerization of glycosylated-L-lysine N-carboxyanhydrides. <i>Journal of the American Chemical Society</i> , 2010 , 132, 15068-71	16.4	143
108	Cobalt and Iron Initiators for the Controlled Polymerization of α -Amino Acid-N-Carboxyanhydrides. <i>Macromolecules</i> , 1999 , 32, 4500-4502	5.5	142
107	Methylated Mono- and Diethyleneglycol Functionalized Polylysines: Nonionic, α -Helical, Water-Soluble Polypeptides. <i>Journal of the American Chemical Society</i> , 1999 , 121, 12210-12211	16.4	130
106	Spontaneous formation of nanoparticle vesicles from homopolymer polyelectrolytes. <i>Journal of the American Chemical Society</i> , 2003 , 125, 8285-9	16.4	125
105	Biocompatibility of amphiphilic diblock copolypeptide hydrogels in the central nervous system. <i>Biomaterials</i> , 2009 , 30, 2881-98	15.6	119
104	General method for purification of α -amino acid-n-carboxyanhydrides using flash chromatography. <i>Biomacromolecules</i> , 2010 , 11, 3668-72	6.9	116
103	Enzyme-triggered cargo release from methionine sulfoxide containing copolypeptide vesicles. <i>Biomacromolecules</i> , 2013 , 14, 3610-4	6.9	110
102	Preparation of multifunctional and multireactive polypeptides via methionine alkylation. <i>Biomacromolecules</i> , 2012 , 13, 1719-23	6.9	110
101	Amino Acid Derived Nickelacycles: Intermediates in Nickel-Mediated Polypeptide Synthesis. <i>Journal of the American Chemical Society</i> , 1998 , 120, 4240-4241	16.4	105
100	Multimodal switching of conformation and solubility in homocysteine derived polypeptides. <i>Journal of the American Chemical Society</i> , 2014 , 136, 5547-50	16.4	98

99	Chain Initiation Efficiency in Cobalt- and Nickel-Mediated Polypeptide Synthesis. <i>Journal of the American Chemical Society</i> , 2000 , 122, 5710-5717	16.4	97
98	Synthesis of polypeptides by ring-opening polymerization of α -amino acid N-carboxyanhydrides. <i>Topics in Current Chemistry</i> , 2012 , 310, 1-26		95
97	Triggered release of siRNA from poly(ethylene glycol)-protected, pH-dependent liposomes. <i>Journal of Controlled Release</i> , 2008 , 130, 266-74	11.7	90
96	Rod-coil and rod-coil self-assembly and phase behavior of polypeptide diblock copolymers. <i>Polymer</i> , 2004 , 45, 1951-1957	3.9	83
95	Synthesis of ABA Triblock Copolymers via Acyclic Diene Metathesis Polymerization and Living Polymerization of α -Amino Acid N-Carboxyanhydrides. <i>Macromolecules</i> , 2001 , 34, 4348-4354	5.5	76
94	Sustained local delivery of bioactive nerve growth factor in the central nervous system via tunable diblock copolypeptide hydrogel depots. <i>Biomaterials</i> , 2012 , 33, 9105-16	15.6	74
93	Reversible chemoselective tagging and functionalization of methionine containing peptides. <i>Chemical Communications</i> , 2013 , 49, 5144-6	5.8	72
92	SANS and Cryo-TEM Study of Self-Assembled Diblock Copolypeptide Hydrogels with Rich Nano-through Microscale Morphology. <i>Macromolecules</i> , 2002 , 35, 5358-5360	5.5	72
91	Monoliths of aligned silica-polypeptide hexagonal platelets. <i>Journal of the American Chemical Society</i> , 2006 , 128, 2276-9	16.4	71
90	Effect of chemistry and morphology on the biofunctionality of self-assembling diblock copolypeptide hydrogels. <i>Biomacromolecules</i> , 2004 , 5, 312-8	6.9	68
89	Transition Metal-Amine Initiators for Preparation of Well-Defined Poly(α -benzyl-L-glutamate). <i>Journal of the American Chemical Society</i> , 1997 , 119, 2759-2760	16.4	66
88	Unusual salt stability in highly charged diblock co-polypeptide hydrogels. <i>Journal of the American Chemical Society</i> , 2003 , 125, 15666-70	16.4	64
87	Microcavity Lasing from Block Peptide Hierarchically Assembled Quantum Dot Spherical Resonators. <i>Nano Letters</i> , 2003 , 3, 907-911	11.5	61
86	Methylated mono- and di(ethylene glycol)-functionalized beta-sheet forming polypeptides. <i>Biomacromolecules</i> , 2001 , 2, 17-21	6.9	61
85	Polypeptide-based nanocomposite: Structure and properties of poly(L-lysine)/Na ⁺ -montmorillonite. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2002 , 40, 2579-2586	2.6	58
84	Recent advances in glycopolypeptide synthesis. <i>Polymer Chemistry</i> , 2014 , 5, 671-682	4.9	57
83	Tunable hydrogel morphology via self-assembly of amphiphilic pentablock copolypeptides. <i>Soft Matter</i> , 2010 , 6, 2546	3.6	55
82	pH triggered release of protective poly(ethylene glycol)-b-polycation copolymers from liposomes. <i>Biomaterials</i> , 2006 , 27, 2599-608	15.6	55

81	Functional Modification of Thioether Groups in Peptides, Polypeptides, and Proteins. <i>Bioconjugate Chemistry</i> , 2017 , 28, 691-700	6.3	54
80	Design and synthesis of nonionic copolypeptide hydrogels with reversible thermoresponsive and tunable physical properties. <i>Biomacromolecules</i> , 2015 , 16, 1331-40	6.9	54
79	Polypeptide End-Capping Using Functionalized Isocyanates: Preparation of Pentablock Copolymers. <i>Macromolecules</i> , 2002 , 35, 2970-2976	5.5	54
78	Structure of Complexes of Cationic Lipids and Poly(Glutamic Acid) Polypeptides: A Pinched Lamellar Phase. <i>Journal of the American Chemical Society</i> , 2000 , 122, 26-34	16.4	53
77	Synthesis of AB diblock copolymers by atom-transfer radical polymerization (ATRP) and living polymerization of alpha-amino acid-N-carboxyanhydrides. <i>Macromolecular Bioscience</i> , 2004 , 4, 566-9	5.5	52
76	Micrometer-sized spherical assemblies of polypeptides and small molecules by acid-base chemistry. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 5652-5	16.4	50
75	Glycopolypeptide conformations in bioactive block copolymer assemblies influence their nanoscale morphology. <i>Soft Matter</i> , 2013 , 9, 3389	3.6	49
74	Conformation-Directed Formation of Self-Healing Diblock Copolypeptide Hydrogels via Polyion Complexation. <i>Journal of the American Chemical Society</i> , 2017 , 139, 15114-15121	16.4	46
73	Controlled polymerization of beta-lactams using metal-amido complexes: synthesis of block copoly(beta-peptides). <i>Journal of the American Chemical Society</i> , 2001 , 123, 9457-8	16.4	45
72	Initiators for End-Group Functionalized Polypeptides via Tandem Addition Reactions. <i>Journal of the American Chemical Society</i> , 1999 , 121, 7427-7428	16.4	45
71	Quantitative Side-Chain Modifications of Methionine-Containing Elastin-Like Polypeptides as a Versatile Tool to Tune Their Properties. <i>ACS Macro Letters</i> , 2015 , 4, 1283-1286	6.6	40
70	Synthesis and crosslinking of L-DOPA containing polypeptide vesicles. <i>Macromolecular Bioscience</i> , 2010 , 10, 496-502	5.5	40
69	Selective Tuning of Elastin-like Polypeptide Properties via Methionine Oxidation. <i>Biomacromolecules</i> , 2017 , 18, 544-550	6.9	39
68	Versatile Synthesis of Stable, Functional Polypeptides via Reaction with Epoxides. <i>Biomacromolecules</i> , 2015 , 16, 1802-6	6.9	38
67	Tunable diblock copolypeptide hydrogel depots for local delivery of hydrophobic molecules in healthy and injured central nervous system. <i>Biomaterials</i> , 2014 , 35, 1989-2000	15.6	38
66	Intracellular fates of cell-penetrating block copolypeptide vesicles. <i>Biomacromolecules</i> , 2011 , 12, 10-3	6.9	37
65	Thermotropic Polypeptides Bearing Side-On Mesogens. <i>Macromolecules</i> , 2006 , 39, 19-22	5.5	35
64	Soluble, Clickable Polypeptides from Azide-Containing -Carboxyanhydride Monomers.. <i>ACS Macro Letters</i> , 2013 , 2, 351-354	6.6	34

63	Nonionic Block Copolypeptide Micelles Containing a Hydrophobic racemic-Leucine Core. <i>Macromolecules</i> , 2010 , 43, 6268-6269	5.5	34
62	Aqueous cholesteric liquid crystals using uncharged rodlike polypeptides. <i>Journal of the American Chemical Society</i> , 2004 , 126, 9101-5	16.4	34
61	Hydrogel Formation in Amphiphilic Triblock Copolypeptides. <i>Supramolecular Chemistry</i> , 2006 , 18, 423-427.8		32
60	A parallel synthetic approach for the analysis of membrane interactive copolypeptides. <i>Journal of the American Chemical Society</i> , 2001 , 123, 12919-20	16.4	32
59	Tandem catalysis for the preparation of cylindrical polypeptide brushes. <i>Journal of the American Chemical Society</i> , 2012 , 134, 19463-7	16.4	31
58	Tuning Thermoresponsive Properties of Cationic Elastin-like Polypeptides by Varying Counterions and Side-Chains. <i>Bioconjugate Chemistry</i> , 2017 , 28, 1403-1412	6.3	29
57	Thermoresponsive Copolypeptide Hydrogel Vehicles for Central Nervous System Cell Delivery. <i>ACS Biomaterials Science and Engineering</i> , 2015 , 1, 705-717	5.5	29
56	Use of Chiral Ruthenium and Iridium AmidoSulfonamidate Complexes for Controlled, Enantioselective Polypeptide Synthesis. <i>Macromolecules</i> , 2003 , 36, 969-972	5.5	28
55	Synthesis and Conformational Analysis of Optically Active Poly(β -peptides). <i>Macromolecules</i> , 2001 , 34, 5169-5174	5.5	28
54	Injectable polypeptide hydrogels via methionine modification for neural stem cell delivery. <i>Biomaterials</i> , 2018 , 178, 527-545	15.6	27
53	Preparation and development of block copolypeptide vesicles and hydrogels for biological and medical applications. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2014 , 6, 283-317		27
52	Self-assembled calcium phosphate nanocomposites using block copolypeptide templates. <i>Soft Matter</i> , 2009 , 5, 4311	3.6	26
51	Preparation and Characterization of Synthetic Polypeptide Single Crystals with Controlled Thickness. <i>Macromolecules</i> , 2005 , 38, 7371-7377	5.5	26
50	Role of Side-Chain Molecular Features in Tuning Lower Critical Solution Temperatures (LCSTs) of Oligoethylene Glycol Modified Polypeptides. <i>Journal of Physical Chemistry B</i> , 2016 , 120, 6096-101	3.4	25
49	Supramolecular control of reverse spin transitions in cobalt(II) terpyridine complexes with diblock copolypeptide amphiphiles. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 7779-7783	7.1	24
48	Fine tuning of vesicle assembly and properties using dual hydrophilic triblock copolypeptides. <i>Macromolecular Bioscience</i> , 2012 , 12, 805-11	5.5	24
47	Triggered Copolypeptide Hydrogel Degradation Using Photolabile Lysine Protecting Groups. <i>ACS Macro Letters</i> , 2016 , 5, 1253-1256	6.6	23
46	Controlled synthesis of phosphorylcholine derivatives of poly(serine) and poly(homoserine). <i>Journal of the American Chemical Society</i> , 2015 , 137, 4078-81	16.4	22

45	Design of a doubly-hydrophilic block copolypeptide that directs the formation of calcium carbonate microspheres. <i>Chemical Communications</i> , 2004 , 1736-7	5.8	22
44	Reinventing Cell Penetrating Peptides Using Glycosylated Methionine Sulfonium Ion Sequences. <i>ACS Central Science</i> , 2015 , 1, 83-8	16.8	21
43	Screening of Optically Active Nickel Initiators for Enantioasymmetric Polymerization of β -Benzyl Glutamate-N-Carboxyanhydride. <i>Macromolecules</i> , 1999 , 32, 4745-4747	5.5	21
42	Amino Acid Block Copolymers with Broad Antimicrobial Activity and Barrier Properties. <i>Macromolecular Bioscience</i> , 2017 , 17, 1600492	5.5	19
41	Endocytosis and intracellular trafficking properties of transferrin-conjugated block copolypeptide vesicles. <i>Biomacromolecules</i> , 2013 , 14, 1458-64	6.9	19
40	Foreign body responses in mouse central nervous system mimic natural wound responses and alter biomaterial functions. <i>Nature Communications</i> , 2020 , 11, 6203	17.4	17
39	Chemoselective synthesis of functional homocysteine residues in polypeptides and peptides. <i>Chemical Communications</i> , 2016 , 52, 5336-9	5.8	17
38	Self-assembly of discrete metal complexes in aqueous solution via block copolypeptide amphiphiles. <i>International Journal of Molecular Sciences</i> , 2013 , 14, 2022-35	6.3	17
37	Blending of diblock and triblock copolypeptide amphiphiles yields cell penetrating vesicles with low toxicity. <i>Macromolecular Bioscience</i> , 2015 , 15, 90-7	5.5	16
36	Synthesis of Optically Active beta-Amino Acid N-Carboxyanhydrides. <i>Organic Letters</i> , 2000 , 2, 1943-1946	6.2	16
35	Reactions of β -amino acid-N-carboxyanhydrides (NCAs) with organometallic palladium(0) and platinum(0) compounds: structure of a metallated NCA product and its role in polypeptide synthesis. <i>Journal of Organometallic Chemistry</i> , 1999 , 589, 111-114	2.3	16
34	Influence of Sulfoxide Group Placement on Polypeptide Conformational Stability. <i>Journal of the American Chemical Society</i> , 2019 , 141, 14530-14533	16.4	15
33	Synthesis and Self-Assembly of Well-Defined Block Copolypeptides via Controlled NCA Polymerization. <i>Advances in Polymer Science</i> , 2013 , 1-37	1.3	15
32	Protein Complexation and pH Dependent Release Using Boronic Acid Containing PEG-Polypeptide Copolymers. <i>Macromolecular Bioscience</i> , 2017 , 17, 1600136	5.5	14
31	Self-Healing Multiblock Copolypeptide Hydrogels via Polyion Complexation. <i>ACS Macro Letters</i> , 2019 , 553-557	6.6	13
30	Engineering polypeptide coatings to augment gene transduction and in vivo stability of adenoviruses. <i>Journal of Controlled Release</i> , 2013 , 166, 75-85	11.7	13
29	Analogues of Poly(l-phosphoserine) via Living Polymerization of Phosphonate-Containing -Carboxyanhydride Monomers.. <i>ACS Macro Letters</i> , 2014 , 3, 378-381	6.6	12
28	Polypeptide-Based Gold Nanoshells for Photothermal Therapy. <i>SLAS Technology</i> , 2017 , 22, 18-25	3	11

27	Self-Sorting Microscale Compartmentalized Block Copolypeptide Hydrogels. <i>ACS Macro Letters</i> , 2019 , 8, 1275-1279	6.6	10
26	The targeted delivery of doxorubicin with transferrin-conjugated block copolypeptide vesicles. <i>International Journal of Pharmaceutics</i> , 2015 , 496, 903-11	6.5	10
25	Transfection of mammalian cells using block copolypeptide vesicles. <i>Macromolecular Bioscience</i> , 2013 , 13, 539-50	5.5	10
24	Homoallylglycine residues are superior precursors to orthogonally modified thioether containing polypeptides. <i>Chemical Communications</i> , 2018 , 54, 6196-6199	5.8	10
23	Design of Thermoresponsive Elastin-Like Glycopolypeptides for Selective Lectin Binding and Sorting. <i>Biomacromolecules</i> , 2021 , 22, 76-85	6.9	9
22	Development of hybrid diblock copolypeptide amphiphile/magnetic metal complexes and their spin crossover with lower-critical-solution-temperature(LCST)-type transition. <i>Polymer</i> , 2017 , 128, 347-355	3.9	8
21	Versatile N-Methylaminoxy-Functionalized Polypeptides for Preparation of Neoglycoconjugates. <i>Biomacromolecules</i> , 2019 , 20, 1756-1764	6.9	8
20	Engineering A11 Minibody-Conjugated, Polypeptide-Based Gold Nanoshells for Prostate Stem Cell Antigen (PSCA)-Targeted Photothermal Therapy. <i>SLAS Technology</i> , 2017 , 22, 26-35	3	8
19	Functionalized nanoscale through microscale polypeptide stabilized emulsions for display of biomolecules. <i>Polymer Chemistry</i> , 2011 , 2, 1473	4.9	7
18	Characterization and Minimization of Block Copolypeptide Vesicle Cytotoxicity Using Different Hydrophobic Chain Lengths. <i>Macromolecular Chemistry and Physics</i> , 2013 , 214, 994-999	2.6	6
17	CHAPTER 19:Smart Materials for Central Nervous System Cell Delivery and Tissue Engineering. <i>RSC Smart Materials</i> ,529-557	0.6	6
16	Methionine sulfoxide and phosphonate containing double hydrophilic block copolypeptides and their mineralization of calcium carbonate. <i>Journal of Polymer Science Part A</i> , 2016 , 54, 3707-3712	2.5	6
15	Use of Methionine Alkylation to Prepare Cationic and Zwitterionic Block Copolypeptide Vesicles. <i>Israel Journal of Chemistry</i> , 2016 , 56, 607-613	3.4	5
14	Human Vault Nanoparticle Targeted Delivery of Antiretroviral Drugs to Inhibit Human Immunodeficiency Virus Type 1 Infection. <i>Bioconjugate Chemistry</i> , 2019 , 30, 2216-2227	6.3	5
13	Macromolecular Engineering of Polypeptides Using the Ring-Opening Polymerization of α -Amino Acid N-Carboxyanhydrides 2011 , 519-540		5
12	Micrometer-Sized Spherical Assemblies of Polypeptides and Small Molecules by Acid-Base Chemistry. <i>Angewandte Chemie</i> , 2004 , 116, 5770-5773	3.6	5
11	Influence of Sulfur-Containing Diamino Acid Structure on Covalently Crosslinked Copolypeptide Hydrogels. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 3547-3553	4.5	5
10	Polypeptide gels incorporating the exotic functional aromatic amino acid 4-amino-L-phenylalanine. <i>Polymer Chemistry</i> , 2018 , 9, 3466-3472	4.9	4

9	Active Controlled and Tunable Coacervation Using Side-Chain Functional α -Helical Homopolypeptides. <i>Journal of the American Chemical Society</i> , 2021 , 143, 18196-18203	16.4	4
8	Overview of Host Defense Peptides and Their Applications for Plastic and Reconstructive Surgeons. <i>Plastic and Reconstructive Surgery</i> , 2020 , 146, 91-103	2.7	3
7	The use of TMZ embedded hydrogels for the treatment of orthotopic human glioma xenografts. <i>Journal of Clinical Neuroscience</i> , 2017 , 45, 288-292	2.2	3
6	Self-Assembling Microspheres from Charged Functional Polyelectrolytes and Small-Molecule Counterions. <i>Materials Research Society Symposia Proceedings</i> , 2004 , 823, W4.12.1		3
5	Tunable, Functional Diblock Copolypeptide Hydrogels Based on Methionine Homologs. <i>Macromolecular Bioscience</i> , 2020 , 20, e1900243	5.5	3
4	Injectable diblock copolypeptide hydrogel provides platform to deliver effective concentrations of paclitaxel to an intracranial xenograft model of glioblastoma. <i>PLoS ONE</i> , 2020 , 15, e0219632	3.7	2
3	Modification of Poly(5,6-epoxy-L-norleucine) Gives Functional Polypeptides with Alternative Side-Chain Linkages. <i>Biomacromolecules</i> , 2020 , 21, 126-132	6.9	2
2	Self-assembly of Soluble Nanoarchitecture using Hybrids of Diblock Copolypeptide Amphiphiles with Copper Rubinate Hydrates in Water and Their Electrooxidation Reaction. <i>ChemNanoMat</i> , 2020 , 6, 1635-1640	3.5	1
1	Learning from Biological Systems: Novel Routes to Biomimetic Synthesis of Ordered Silica Structures. <i>Materials Research Society Symposia Proceedings</i> , 1999 , 599, 239		