Ian W Hamley

List of Publications by Year
in descending order

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451	27,035	9428 76	11946 139
papers	citations	h-index	g-index

489	489	489	23518
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Methods for Small-Angle Scattering Measurements on Peptiplexes of DNA with Cell-Penetrating Peptides. Methods in Molecular Biology, 2022, 2383, 181-196.	0.4	2
2	Amyloid and Hydrogel Formation of a Peptide Sequence from a Coronavirus Spike Protein. ACS Nano, 2022, 16, 1857-1867.	7.3	22
3	Diffuse scattering from lamellar structures. Soft Matter, 2022, 18, 711-721.	1.2	6
4	Peptides for Vaccine Development. ACS Applied Bio Materials, 2022, 5, 905-944.	2.3	26
5	Nanostructure Formation and Cell Spheroid Morphogenesis of a Peptide Supramolecular Hydrogel. Langmuir, 2022, 38, 3434-3445.	1.6	9
6	Design of a multipurpose sample cell holder for the Diamond Light Source high-throughput SAXS beamline B21. Journal of Synchrotron Radiation, 2021, 28, 318-321.	1.0	12
7	Benzene tricarboxamide derivatives with lipid and ethylene glycol chains self-assemble into distinct nanostructures driven by molecular packing. Chemical Communications, 2021, 57, 8360-8363.	2.2	4
8	Biocatalysts Based on Peptide and Peptide Conjugate Nanostructures. Biomacromolecules, 2021, 22, 1835-1855.	2.6	41
9	Self-Assembly of Angiotensin-Converting Enzyme Inhibitors Captopril and Lisinopril and Their Crystal Structures. Langmuir, 2021, 37, 9170-9178.	1.6	2
10	Lipopeptides for Vaccine Development. Bioconjugate Chemistry, 2021, 32, 1472-1490.	1.8	28
11	The effect of chiral end groups on the assembly of supramolecular polyurethanes. Polymer Chemistry, 2021, 12, 4488-4500.	1.9	6
12	Alpha helical surfactant-like peptides self-assemble into pH-dependent nanostructures. Soft Matter, 2021, 17, 3096-3104.	1.2	13
13	Chiral self-assembly of peptides: Toward the design of supramolecular polymers with enhanced chemical and biological functions. Progress in Polymer Science, 2021, 123, 101469.	11.8	39
14	Nanostructured dimethacrylate-based photopolymerizable systems by modification with diblock copolymers. Polymer, 2021, 237, 124360.	1.8	2
15	Model self-assembling arginine-based tripeptides show selective activity against Pseudomonas bacteria. Chemical Communications, 2020, 56, 615-618.	2.2	14
16	Peptide-Based Gel in Environmental Remediation: Removal of Toxic Organic Dyes and Hazardous Pb²⁺ and Cd²⁺ Ions from Wastewater and Oil Spill Recovery. Langmuir, 2020, 36, 12942-12953.	1.6	56
17	Amyloid Formation by Short Peptides in the Presence of Dipalmitoylphosphatidylcholine Membranes. Langmuir, 2020, 36, 14793-14801.	1.6	10
18	Peptide nanotubes self-assembled from leucine-rich alpha helical surfactant-like peptides. Chemical Communications, 2020, 56, 11977-11980.	2.2	10

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19	Chain-End Modifications and Sequence Arrangements of Antimicrobial Peptoids for Mediating Activity and Nano-Assembly. Frontiers in Chemistry, 2020, 8, 416.	1.8	17
20	Amyloid Peptide Mixtures: Self-Assembly, Hydrogelation, Nematic Ordering, and Catalysts in Aldol Reactions. Langmuir, 2020, 36, 2767-2774.	1.6	19
21	Self-Assembly of Minimal Peptoid Sequences. ACS Macro Letters, 2020, 9, 494-499.	2.3	21
22	Self-Assembly, Nematic Phase Formation, and Organocatalytic Behavior of a Proline-Functionalized Lipopeptide. ACS Applied Materials & Interfaces, 2020, 12, 13671-13679.	4.0	14
23	Half a century of amyloids: past, present and future. Chemical Society Reviews, 2020, 49, 5473-5509.	18.7	345
24	The aging effect on the enhancement of thermal stability, mechanical stiffness and fluorescence properties of histidine-appended naphthalenediimide based two-component hydrogels. Soft Matter, 2020, 16, 10106-10114.	1.2	15
25	Amphipathic design dictates self-assembly, cytotoxicity and cell uptake of arginine-rich surfactant-like peptides. Journal of Materials Chemistry B, 2020, 8, 2495-2507.	2.9	30
26	Selective Antibacterial Activity and Lipid Membrane Interactions of Arginine-Rich Amphiphilic Peptides. ACS Applied Bio Materials, 2020, 3, 1165-1175.	2.3	40
27	Self-assembled gold nanoparticles and amphiphile peptides: a colorimetric probe for copper(ii) ion detection. Dalton Transactions, 2020, 49, 16226-16237.	1.6	5
28	Magnetic Field-Induced Alignment of Nanofibrous Supramolecular Membranes: A Molecular Design Approach to Create Tissue-like Biomaterials. ACS Applied Materials & Interfaces, 2020, 12, 22661-22672.	4.0	21
29	Polymorphism of asymmetric catalysts based on amphiphilic lipopeptides in solution. Soft Matter, 2020, 16, 4615-4624.	1.2	6
30	Self-assembly and intracellular delivery of DNA by a truncated fragment derived from theTrojanpeptidePenetratin. Soft Matter, 2020, 16, 4746-4755.	1.2	17
31	Introduction to peptide soft materials. Soft Matter, 2020, 16, 9998-10000.	1.2	2
32	Restructuring of Lipid Membranes by an Arginine-Capped Peptide Bolaamphiphile. Langmuir, 2019, 35, 1302-1311.	1.6	20
33	Self-Assembly, Tunable Hydrogel Properties, and Selective Anti-Cancer Activity of a Carnosine-Derived Lipidated Peptide. ACS Applied Materials & Interfaces, 2019, 11, 33573-33580.	4.0	42
34	Fluoride-responsive debond on demand adhesives: Manipulating polymer crystallinity and hydrogen bonding to optimise adhesion strength at low bonding temperatures. European Polymer Journal, 2019, 119, 260-271.	2.6	24
35	Unravelling the role of amino acid sequence order in the assembly and function of the amyloid-Î² core. Chemical Communications, 2019, 55, 8595-8598.	2.2	14
36	Self-Assembly of a Catalytically Active Lipopeptide and Its Incorporation into Cubosomes. ACS Applied Bio Materials, 2019, 2, 3639-3647.	2.3	15

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37	A Selfâ€Assembled Peptideâ€Appended Naphthalene Diimide: A Fluorescent Switch for Sensing Acid and Base Vapors. ChemPlusChem, 2019, 84, 1673-1680.	1.3	14
38	Nanoscopic Structure of Complexes Formed between DNA and the Cell-Penetrating Peptide Penetratin. Journal of Physical Chemistry B, 2019, 123, 8861-8871.	1.2	18
39	Self-Assembling Peptide-Based Hydrogel: Regulation of Mechanical Stiffness and Thermal Stability and 3D Cell Culture of Fibroblasts. ACS Applied Bio Materials, 2019, 2, 5235-5244.	2.3	43
40	Î²â€sheet assembly in amyloidogenic glutamic acid nanostructures: Insights from Xâ€ray scattering and infrared nanospectroscopy. Journal of Peptide Science, 2019, 25, e3170.	0.8	11
41	Self-Assembly, Antimicrobial Activity, and Membrane Interactions of Arginine-Capped Peptide Bola-Amphiphiles. ACS Applied Bio Materials, 2019, 2, 2208-2218.	2.3	30
42	Crystallization and lamellar nanosheet formation of an aromatic dipeptoid. Chemical Communications, 2019, 55, 5867-5869.	2.2	17
43	Melanin production by tyrosinase activity on a tyrosine-rich peptide fragment and pH-dependent self-assembly of its lipidated analogue. Organic and Biomolecular Chemistry, 2019, 17, 4543-4553.	1.5	12
44	Protein Assemblies: Nature-Inspired and Designed Nanostructures. Biomacromolecules, 2019, 20, 1829-1848.	2.6	79
45	Peptide-Stabilized Emulsions and Gels from an Arginine-Rich Surfactant-like Peptide with Antimicrobial Activity. ACS Applied Materials & Interfaces, 2019, 11, 9893-9903.	4.0	56
46	Self-Assembly of Lipopeptides Containing Short Peptide Fragments Derived from the Gastrointestinal Hormone PYY_{3â€“36}: From Micelles to Amyloid Fibrils. Journal of Physical Chemistry B, 2019, 123, 614-621.	1.2	20
47	4D Corneal Tissue Engineering: Achieving Timeâ€Dependent Tissue Selfâ€Curvature through Localized Control of Cell Actuators. Advanced Functional Materials, 2019, 29, 1807334.	7.8	33
48	Self-assembling unsymmetrical bis-ureas. Reactive and Functional Polymers, 2018, 124, 156-161.	2.0	7
49	The Conformation and Aggregation of Proline-Rich Surfactant-Like Peptides. Journal of Physical Chemistry B, 2018, 122, 1826-1835.	1.2	14
50	Ugi multicomponent reaction to prepare peptideâ€“peptoid hybrid structures with diverse chemical functionalities. Polymer Chemistry, 2018, 9, 482-489.	1.9	30
51	Investigations on the micellization of amphiphilic dendritic copolymers: From unimers to micelles. Journal of Colloid and Interface Science, 2018, 514, 609-614.	5.0	4
52	Self-Assembly of Telechelic Tyrosine End-Capped PEO Star Polymers in Aqueous Solution. Biomacromolecules, 2018, 19, 167-177.	2.6	8
53	Self-Assembled Micellar Structures of Lipopeptides with Variable Number of Attached Lipid Chains Revealed by Atomistic Molecular Dynamics Simulations. Journal of Physical Chemistry B, 2018, 122, 9605-9615.	1.2	8
54	Amino-Acid-Based Metallo-Hydrogel That Acts Like an Esterase. ACS Applied Bio Materials, 2018, 1, 1717-1724.	2.3	35

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55	Conformation and Aggregation of Selectively PEGylated and Lipidated Gastric Peptide Hormone Human PYY_{3â€“36}. Biomacromolecules, 2018, 19, 4320-4332.	2.6	17
56	The Effect of Lipidation on the Self-Assembly of the Gut-Derived Peptide Hormone PYY_{3â€“36}. Bioconjugate Chemistry, 2018, 29, 2296-2308.	1.8	31
57	Supramolecular Threading of Peptide Hydrogel Fibrils. ACS Biomaterials Science and Engineering, 2018, 4, 2733-2738.	2.6	12
58	High potency of lipid conjugated TLR7 agonist requires nanoparticulate or liposomal formulation. European Journal of Pharmaceutical Sciences, 2018, 123, 268-276.	1.9	9
59	Arginine-Containing Surfactant-Like Peptides: Interaction with Lipid Membranes and Antimicrobial Activity. Biomacromolecules, 2018, 19, 2782-2794.	2.6	54
60	The design and fabrication of supramolecular semiconductor nanowires formed by benzothienobenzothiophene (BTBT)-conjugated peptides. Nanoscale, 2018, 10, 9987-9995.	2.8	18
61	Enhancement of microphase ordering and mechanical properties of supramolecular hydrogen-bonded polyurethane networks. Polymer Chemistry, 2018, 9, 3406-3414.	1.9	24
62	Sequence length dependence in arginine/phenylalanine oligopeptides: Implications for self-assembly and cytotoxicity. Biophysical Chemistry, 2018, 233, 1-12.	1.5	29
63	Self-Assembly of Peptide Bioconjugates: Selected Recent Research Highlights. Bioconjugate Chemistry, 2017, 28, 731-739.	1.8	43
64	Self-assembly of ultra-small micelles from amphiphilic lipopeptoids. Chemical Communications, 2017, 53, 2178-2181.	2.2	33
65	Peptide hormones and lipopeptides: from selfâ€assembly to therapeutic applications. Journal of Peptide Science, 2017, 23, 82-94.	0.8	76
66	Self-Assembly Kinetics of Amphiphilic Dendritic Copolymers. Macromolecules, 2017, 50, 1657-1665.	2.2	5
67	A tripeptide-based self-shrinking hydrogel for waste-water treatment: removal of toxic organic dyes and lead (Pb²⁺) ions. Chemical Communications, 2017, 53, 5910-5913.	2.2	85
68	Shear Alignment of Bola-Amphiphilic Arginine-Coated Peptide Nanotubes. Biomacromolecules, 2017, 18, 141-149.	2.6	42
69	Halogenation dictates the architecture of amyloid peptide nanostructures. Nanoscale, 2017, 9, 9805-9810.	2.8	33
70	Self-assembling peptide and protein amyloids: from structure to tailored function in nanotechnology. Chemical Society Reviews, 2017, 46, 4661-4708.	18.7	670
71	Supramolecular Hydrogel Formation in a Series of Self-Assembling Lipopeptides with Varying Lipid Chain Length. Biomacromolecules, 2017, 18, 2013-2023.	2.6	28
72	Self-Assembly and Anti-Amyloid Cytotoxicity Activity of Amyloid beta Peptide Derivatives. Scientific Reports, 2017, 7, 43637.	1.6	47

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73	Hybrid membrane biomaterials from self-assembly in polysaccharide and peptide amphiphile mixtures: controllable structural and mechanical properties and antimicrobial activity. RSC Advances, 2017, 7, 8366-8375.	1.7	24
74	Chiral organocatalysts based on lipopeptide micelles for aldol reactions in water. Physical Chemistry Chemical Physics, 2017, 19, 1181-1189.	1.3	34
75	Self-assembled RGD dehydropeptide hydrogels for drug delivery applications. Journal of Materials Chemistry B, 2017, 5, 8607-8617.	2.9	35
76	Amphiphilic Peptide-Based Supramolecular, Noncytotoxic, Stimuli-Responsive Hydrogels with Antibacterial Activity. Biomacromolecules, 2017, 18, 3621-3629.	2.6	127
77	Self-assembled peptides: from nanostructure to bioactivity. Interface Focus, 2017, 7, 20170062.	1.5	3
78	Supramolecular Peptide Nanofiber Morphology Affects Mechanotransduction of Stem Cells. Biomacromolecules, 2017, 18, 3114-3130.	2.6	18
79	Thermally Regulated Reversible Formation of Vesicle-Like Assemblies by Hexaproline Amphiphiles. Journal of Physical Chemistry B, 2017, 121, 7443-7446.	1.2	7
80	Hierarchical Self-Assembly of Histidine-Functionalized Peptide Amphiphiles into Supramolecular Chiral Nanostructures. Langmuir, 2017, 33, 7947-7956.	1.6	32
81	Small Bioactive Peptides for Biomaterials Design and Therapeutics. Chemical Reviews, 2017, 117, 14015-14041.	23.0	317
82	Peptide-based ambidextrous bifunctional gelator: applications in oil spill recovery and removal of toxic organic dyes for waste water management. Interface Focus, 2017, 7, 20160128.	1.5	36
83	A dynamic supramolecular polyurethane network whose mechanical properties are kinetically controlled. Polymer, 2017, 133, 143-150.	1.8	17
84	Self-assembly of bioactive peptides, peptide conjugates, and peptide mimetic materials. Organic and Biomolecular Chemistry, 2017, 15, 5867-5876.	1.5	136
85	Selfâ€Assembly of the Cyclic Lipopeptide Daptomycin: Spherical Micelle Formation Does Not Depend on the Presence of Calcium Chloride. ChemPhysChem, 2016, 17, 2118-2122.	1.0	32
86	An adhesive elastomeric supramolecular polyurethane healable at body temperature. Chemical Science, 2016, 7, 4291-4300.	3.7	65
87	Hydrodynamic behaviors of amphiphilic dendritic polymers with different degrees of amidation. Polymer Chemistry, 2016, 7, 3126-3133.	1.9	5
88	Structural behaviour and gene delivery in complexes formed between DNA and arginine-containing peptide amphiphiles. Soft Matter, 2016, 12, 9158-9169.	1.2	23
89	Chiral Perylene Materials by Ionic Self-Assembly. Langmuir, 2016, 32, 9023-9032.	1.6	21
90	Nanosheet Formation by an Anionic Surfactant-like Peptide and Modulation of Self-Assembly through Ionic Complexation. Langmuir, 2016, 32, 10387-10393.	1.6	23

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91	A systematic study of the effect of the hard end-group composition on the microphase separation, thermal and mechanical properties of supramolecular polyurethanes. Polymer, 2016, 107, 368-378.	1.8	19
92	Two-Component Fluorescent-Semiconducting Hydrogel from Naphthalene Diimide-Appended Peptide with Long-Chain Amines: Variation in Thermal and Mechanical Strengths of Gels. Langmuir, 2016, 32, 13226-13233.	1.6	42
93	Tuning Ordered Pattern of Pd Species through Controlled Block Copolymer Self-Assembly. Journal of Physical Chemistry B, 2016, 120, 6829-6841.	1.2	6
94	Self-Assembly of the Toll-Like Receptor Agonist Macrophage-Activating Lipopeptide MALP-2 and of Its Constituent Peptide. Biomacromolecules, 2016, 17, 631-640.	2.6	23
95	Fmocâ€“RGDS based fibrils: atomistic details of their hierarchical assembly. Physical Chemistry Chemical Physics, 2016, 18, 1265-1278.	1.3	17
96	Self-Assembly of Telechelic Tyrosine End-Capped PEO and Poly(alanine) Polymers in Aqueous Solution. Biomacromolecules, 2016, 17, 1186-1197.	2.6	10
97	A peptide hydrogel derived from a fragment of human cardiac troponin C. Chemical Communications, 2016, 52, 4056-4059.	2.2	14
98	Supra-molecular assembly of a lumican-derived peptide amphiphile enhances its collagen-stimulating activity. Biomaterials Science, 2016, 4, 346-354.	2.6	16
99	A Peptide-Based Mechano-sensitive, Proteolytically Stable Hydrogel with Remarkable Antibacterial Properties. Langmuir, 2016, 32, 1836-1845.	1.6	99
100	Peptide based hydrogels for cancer drug release: modulation of stiffness, drug release and proteolytic stability of hydrogels by incorporating <scp>d</scp>-amino acid residue(s). Chemical Communications, 2016, 52, 5045-5048.	2.2	106
101	A self-assembling fluorescent dipeptide conjugate for cell labelling. Colloids and Surfaces B: Biointerfaces, 2016, 137, 104-108.	2.5	15
102	Tuning thermal properties and microphase separation in aliphatic polyester ABA copolymers. Polymer Chemistry, 2015, 6, 1445-1453.	1.9	32
103	Self-assembly of a dual functional bioactive peptide amphiphile incorporating both matrix metalloprotease substrate and cell adhesion motifs. Soft Matter, 2015, 11, 3115-3124.	1.2	20
104	Time-dependent gel to gel transformation of a peptide based supramolecular gelator. Soft Matter, 2015, 11, 4944-4951.	1.2	57
105	Chain Architecture as an Orthogonal Parameter To Influence Block Copolymer Morphology. Synthesis and Characterization of Hyperbranched Block Copolymers: HyperBlocks. Macromolecules, 2015, 48, 8806-8822.	2.2	26
106	Self-assembly pathway of peptide nanotubes formed by a glutamatic acid-based bolaamphiphile. Chemical Communications, 2015, 51, 11634-11637.	2.2	44
107	Microphase separation induced in the melt of Pluronic copolymers by blending with a hydrogen bonding ureaâ€“urethane end-capped supramolecular polymer. Soft Matter, 2015, 11, 5799-5803.	1.2	8
108	New Self-Assembling Multifunctional Templates for the Biofabrication and Controlled Self-Release of Cultured Tissue. Tissue Engineering - Part A, 2015, 21, 1772-1784.	1.6	39

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109	Lipopeptides: from self-assembly to bioactivity. Chemical Communications, 2015, 51, 8574-8583.	2.2	228
110	Thermodynamic and Kinetic Study of the Fibrillization of a Family of Tetrapeptides and Its Application to Self-Sorting. What Takes So Long?. Chemistry of Materials, 2015, 27, 3358-3365.	3.2	33
111	Self-Assembly and Collagen-Stimulating Activity of a Peptide Amphiphile Incorporating a Peptide Sequence from Lumican. Langmuir, 2015, 31, 4490-4495.	1.6	33
112	Self-Assembly of a Designed Alternating Arginine/Phenylalanine Oligopeptide. Langmuir, 2015, 31, 4513-4523.	1.6	46
113	Self-assembly of the anti-fungal polyene amphotericin B into giant helically-twisted nanotapes. Chemical Communications, 2015, 51, 17680-17683.	2.2	2
114	Bio-fabrication and physiological self-release of tissue equivalents using smart peptide amphiphile templates. Journal of Materials Science: Materials in Medicine, 2015, 26, 242.	1.7	17
115	A Thermoreversible Supramolecular Polyurethane with Excellent Healing Ability at 45 Â°C. Macromolecules, 2015, 48, 6132-6141.	2.2	87
116	Self-Assembled Arginine-Capped Peptide Bolaamphiphile Nanosheets for Cell Culture and Controlled Wettability Surfaces. Biomacromolecules, 2015, 16, 3180-3190.	2.6	49
117	Dehydrodipeptide Hydrogelators Containing Naproxen N-Capped Tryptophan: Self-Assembly, Hydrogel Characterization, and Evaluation as Potential Drug Nanocarriers. Biomacromolecules, 2015, 16, 3562-3573.	2.6	38
118	Interactions between lipid-free apolipoprotein-AI and a lipopeptide incorporating the RGDS cell adhesion motif. Nanoscale, 2015, 7, 171-178.	2.8	2
119	Multiwalled Nanotubes Formed by Catanionic Mixtures of Drug Amphiphiles. ACS Nano, 2014, 8, 12690-12700.	7.3	98
120	Hybrid Proton and Electron Transport in Peptide Fibrils. Advanced Functional Materials, 2014, 24, 5873-5880.	7.8	58
121	Toll-like receptor agonist lipopeptides self-assemble into distinct nanostructures. Chemical Communications, 2014, 50, 15948-15951.	2.2	55
122	PEGâ€“Peptide Conjugates. Biomacromolecules, 2014, 15, 1543-1559.	2.6	246
123	Selfâ€assembling amphiphilic peptides. Journal of Peptide Science, 2014, 20, 453-467.	0.8	306
124	Self-Assembly of a Model Peptide Incorporating a Hexa-Histidine Sequence Attached to an Oligo-Alanine Sequence, and Binding to Gold NTA/Nickel Nanoparticles. Biomacromolecules, 2014, 15, 3412-3420.	2.6	24
125	Tuning Chelation by the Surfactant-Like Peptide A₆H Using Predetermined pH Values. Biomacromolecules, 2014, 15, 591-598.	2.6	23
126	The bioactivity of composite Fmoc-RGDS-collagen gels. Biomaterials Science, 2014, 2, 1222-1229.	2.6	43

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127	Silica templating of a self-assembling peptide amphiphile that forms nanotapes. Soft Matter, 2014, 10, 1660.	1.2	13
128	Alanine-rich amphiphilic peptide containing the RGD cell adhesion motif: a coating material for human fibroblast attachment and culture. Biomaterials Science, 2014, 2, 362-369.	2.6	40
129	Influence of elastase on alanine-rich peptide hydrogels. Biomaterials Science, 2014, 2, 867-874.	2.6	20
130	Assembly of an Injectable Noncytotoxic Peptide-Based Hydrogelator for Sustained Release of Drugs. Langmuir, 2014, 30, 929-936.	1.6	143
131	Peptide Nanotubes. Angewandte Chemie - International Edition, 2014, 53, 6866-6881.	7.2	292
132	The Instructive Role of Biomaterials in Cell-Based Therapy and Tissue Engineering. RSC Soft Matter, 2014, , 73-94.	0.2	0
133	The effect of pH on the self-assembly of a collagen derived peptide amphiphile. Soft Matter, 2013, 9, 6033.	1.2	57
134	Self-assembly of three bacterially-derived bioactive lipopeptides. Soft Matter, 2013, 9, 9572.	1.2	50
135	Electrochemical sensing of 2D condensation in amyloid peptides. Electrochimica Acta, 2013, 106, 43-48.	2.6	16
136	Collagen Stimulating Effect of Peptide Amphiphile C₁₆â€“KTTKS on Human Fibroblasts. Molecular Pharmaceutics, 2013, 10, 1063-1069.	2.3	58
137	Bioactive films produced from self-assembling peptide amphiphiles as versatile substrates for tuning cell adhesion and tissue architecture in serum-free conditions. Journal of Materials Chemistry B, 2013, 1, 6157.	2.9	40
138	Janus PEG-Based Dendrimers for Use in Combination Therapy: Controlled Multi-Drug Loading and Sequential Release. Biomacromolecules, 2013, 14, 564-574.	2.6	46
139	Interaction between a Cationic Surfactant-like Peptide and Lipid Vesicles and Its Relationship to Antimicrobial Activity. Langmuir, 2013, 29, 14246-14253.	1.6	54
140	Self-assembly of a model amphiphilic oligopeptide incorporating an arginine headgroup. Soft Matter, 2013, 9, 4794.	1.2	43
141	Self-assembly and bioactivity of a polymer/peptide conjugate containing the RGD cell adhesion motif and PEG. European Polymer Journal, 2013, 49, 2961-2967.	2.6	22
142	Self-assembly of a peptide amphiphile: transition from nanotape fibrils to micelles. Soft Matter, 2013, 9, 3558.	1.2	78
143	Tetragonal and Helical Morphologies from Polyferrocenylsilane Block Polyelectrolytes via Ionic Self-Assembly. Journal of the American Chemical Society, 2013, 135, 2455-2458.	6.6	35
144	New RGD-peptide amphiphile mixtures containing a negatively charged diluent. Faraday Discussions, 2013, 166, 381.	1.6	51

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145	Reversible helical unwinding transition of a self-assembling peptide amphiphile. Soft Matter, 2013, 9, 9290.	1.2	77
146	Spectroscopic signatures of an Fmocâ€“tetrapeptide, Fmoc and fluorene. RSC Advances, 2013, 3, 10854.	1.7	22
147	Molecular insights into aggregates made of amphiphilic Fmoc-tetrapeptides. Soft Matter, 2013, 9, 11021.	1.2	17
148	Determination of orientations of aromatic groups in self-assembled peptide fibrils by polarised Raman spectroscopy. Physical Chemistry Chemical Physics, 2013, 15, 13940.	1.3	10
149	Self-assembled arginine-coated peptide nanosheets in water. Chemical Communications, 2013, 49, 1850.	2.2	92
150	Coassembly in Binary Mixtures of Peptide Amphiphiles Containing Oppositely Charged Residues. Langmuir, 2013, 29, 5050-5059.	1.6	56
151	Tuning Self-Assembled Nanostructures Through Enzymatic Degradation of a Peptide Amphiphile. Langmuir, 2013, 29, 6665-6672.	1.6	44
152	Self-Assembly of Palmitoyl Lipopeptides Used in Skin Care Products. Langmuir, 2013, 29, 9149-9155.	1.6	31
153	Insights into the Molecular Architecture of a Peptide Nanotube Using FTIR and Solidâ€State NMR Spectroscopic Measurements on an Aligned Sample. Angewandte Chemie - International Edition, 2013, 52, 10537-10540.	7.2	59
154	Proteolytically Inactive Insulin-Degrading Enzyme Inhibits Amyloid Formation Yielding Non-Neurotoxic AÎ² Peptide Aggregates. PLoS ONE, 2013, 8, e59113.	1.1	41
155	Tissue Engineering a Fetal Membrane. Tissue Engineering - Part A, 2012, 18, 373-381.	1.6	18
156	Fibrils and nanotubes assembled from a modified amyloid-Î² peptide fragment differ in the packing of the same Î²-sheet building blocks. Chemical Communications, 2012, 48, 2976.	2.2	32
157	Local orientational disorder in peptide fibrils probed by a combination of residue-specific 13Câ€“18O labelling, polarised infrared spectroscopy and molecular combing. Chemical Communications, 2012, 48, 11835.	2.2	11
158	Conductance of amyloid Î² based peptide filaments: structureâ€“function relations. Soft Matter, 2012, 8, 8690.	1.2	49
159	Reversible thermal transition of polydiacetylene based on KTTKS collagen sequence. Chemical Communications, 2012, 48, 9774.	2.2	14
160	Slow-Release RGD-Peptide Hydrogel Monoliths. Langmuir, 2012, 28, 12575-12580.	1.6	25
161	Conformation and Self-Association of Peptide Amphiphiles Based on the KTTKS Collagen Sequence. Langmuir, 2012, 28, 12209-12215.	1.6	24
162	Electrospun supramolecular polymer fibres. European Polymer Journal, 2012, 48, 1249-1255.	2.6	21

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163	Selfâ€Assembly Studies of a Chiral Bisureaâ€Based Superhydrogelator. Chemistry - A European Journal, 2012, 18, 14725-14731.	1.7	40
164	Self-Assembly of a Peptide Amphiphile Containing <scp>l</scp>-Carnosine and Its Mixtures with a Multilamellar Vesicle Forming Lipid. Langmuir, 2012, 28, 11599-11608.	1.6	61
165	Structural and morphological studies of the dipeptide based l-Pro-l-Val organocatalytic gels and their rheological behaviour. Soft Matter, 2012, 8, 8865.	1.2	23
166	Measurement of intrinsic properties of amyloid fibrils by the peak force QNM method. Nanoscale, 2012, 4, 4426.	2.8	175
167	Altering Peptide Fibrillization by Polymer Conjugation. Biomacromolecules, 2012, 13, 2739-2747.	2.6	29
168	The mechanical properties of amniotic membrane influence its effect as a biomaterial for ocular surface repair. Soft Matter, 2012, 8, 8379.	1.2	51
169	The Amyloid Beta Peptide: A Chemistâ€™s Perspective. Role in Alzheimerâ€™s and Fibrillization. Chemical Reviews, 2012, 112, 5147-5192.	23.0	785
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