

Design of nanostructures based on aromatic peptide am

Chemical Society Reviews

43, 8150-8177

DOI: 10.1039/c4cs00247d

Citation Report

#	ARTICLE	IF	CITATIONS
1	Biopolymers and supramolecular polymers as biomaterials for biomedical applications. <i>MRS Bulletin</i> , 2015, 40, 1089-1101.	1.7	49
2	Using the hydrolysis of anhydrides to control gel properties and homogeneity in pH-triggered gelation. <i>RSC Advances</i> , 2015, 5, 95369-95378.	1.7	32
3	Peptide Materials Obtained by Aggregation of Polyphenylalanine Conjugates as Gadolinium-Based Magnetic Resonance Imaging Contrast Agents. <i>Advanced Functional Materials</i> , 2015, 25, 7003-7016.	7.8	40
4	Computational Approaches to Understanding the Self-Assembly of Peptide-Based Nanostructures. <i>Israel Journal of Chemistry</i> , 2015, 55, 724-734.	1.0	26
5	Steric Constraints Induced Frustrated Growth of Supramolecular Nanorods in Water. <i>Chemistry - A European Journal</i> , 2015, 21, 19257-19264.	1.7	65
6	Implications of aromatic-aromatic interactions: From protein structures to peptide models. <i>Protein Science</i> , 2015, 24, 1920-1933.	3.1	132
7	Solvent-Induced Self-Assembly of Highly Hydrophobic Tetra- and Pentaphenylalanine Peptides. <i>Israel Journal of Chemistry</i> , 2015, 55, 756-762.	1.0	11
9	The Phe-Phe Motif for Peptide Self-Assembly in Nanomedicine. <i>Molecules</i> , 2015, 20, 19775-19788.	1.7	131
10	Strongly fluorescent organogels and self-assembled nanostructures from pyrene coupled coumarin derivatives: application in cell imaging. <i>Journal of Materials Chemistry B</i> , 2015, 3, 5690-5701.	2.9	40
11	Polymerization of low molecular weight hydrogelators to form electrochromic polymers. <i>Chemical Communications</i> , 2015, 51, 10427-10430.	2.2	24
12	Probing gelation ability for a library of dipeptide gelators. <i>Journal of Colloid and Interface Science</i> , 2015, 455, 24-31.	5.0	32
13	Self-assembly and hydrogelation from multicomponent coassembly of pentafluorobenzyl-phenylalanine and pentafluorobenzyl-diphenylalanine. <i>RSC Advances</i> , 2015, 5, 22943-22946.	1.7	17
14	Qualitative/chiral sensing of amino acids by naked-eye fluorescence change based on morphological transformation and hierarchizing in supramolecular assemblies of pyrene-conjugated glycolipids. <i>Chemical Communications</i> , 2015, 51, 11104-11107.	2.2	43
15	Remarkable influence of alkyl chain lengths on supramolecular hydrogelation of naphthalene diimide-capped dipeptides. <i>RSC Advances</i> , 2015, 5, 48961-48964.	1.7	12
16	1,3:2,4-Dibenzylidene- <i>sorbitol</i> (DBS) and its derivatives – efficient, versatile and industrially-relevant low-molecular-weight gelators with over 100 years of history and a bright future. <i>Soft Matter</i> , 2015, 11, 4768-4787.	1.2	134
17	Understanding the self-assembly of Fmoc-phenylalanine to hydrogel formation. <i>Soft Matter</i> , 2015, 11, 5353-5364.	1.2	85
18	Dynamic Peptide Library for the Discovery of Charge Transfer Hydrogels. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 25946-25954.	4.0	40
19	Short Peptides in Minimalistic Biocatalyst Design. <i>Biocatalysis</i> , 2015, 1, 67-81.	2.3	49

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21	Mechanics of single peptide hydrogelator fibrils. Nanoscale, 2015, 7, 5638-5642.	2.8	9
22	Healable Luminescent Self-Assembly Supramolecular Metallogels Possessing Lanthanide (Eu/Tb) Dependent Rheological and Morphological Properties. Journal of the American Chemical Society, 2015, 137, 1983-1992.	6.6	206
23	Fluorescent carbon dot molecular salt hydrogels. Chemical Science, 2015, 6, 6139-6146.	3.7	95
24	Photodimerisation of a coumarin-dipeptide gelator. Chemical Communications, 2015, 51, 12827-12830.	2.2	45
25	Peptide-based hydrogen sulphide-releasing gels. Chemical Communications, 2015, 51, 13131-13134.	2.2	58
26	Anodic electrogenerated chemiluminescence of self-assembled peptide nanotubes in an aqueous system. Chemical Communications, 2015, 51, 14720-14723.	2.2	2
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30	Reversible deformation formation of a multistimuli responsive vesicle by a supramolecular peptide amphiphile. Soft Matter, 2015, 11, 4912-4920.	1.2	46
31	Coordination responsive tellurium-containing multilayer film for controlled delivery. Chemical Communications, 2015, 51, 5520-5522.	2.2	18
32	Using molecular rotors to probe gelation. Soft Matter, 2015, 11, 3706-3713.	1.2	27
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39	Structural determinants in a library of low molecular weight gelators. <i>Soft Matter</i> , 2015, 11, 1174-1181.	1.2	35
40	Peptide self-assembly for nanomaterials: the old new kid on the block. <i>Chemical Society Reviews</i> , 2015, 44, 8288-8300.	18.7	212
41	Supramolecular Assemblies Responsive to Biomolecules toward Biological Applications. <i>Chemistry - an Asian Journal</i> , 2015, 10, 2026-2038.	1.7	35
42	Peptide-Electron Conjugates: Organic Electronics for Biology?. <i>Bioconjugate Chemistry</i> , 2015, 26, 2290-2302.	1.8	104
43	Formation of functional super-helical assemblies by constrained single heptad repeat. <i>Nature Communications</i> , 2015, 6, 8615.	5.8	101
44	Supramolecular assembly of dipeptide functionalized benzo[ghi]perylene monoimide directs white light emission via donor-acceptor interactions. <i>RSC Advances</i> , 2015, 5, 90158-90167.	1.7	20
45	Multi-responsive supramolecular hydrogels for drug delivery. <i>Chemical Communications</i> , 2015, 51, 15265-15267.	2.2	30
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52	Controlling Cancer Cell Fate Using Localized Biocatalytic Self-Assembly of an Aromatic Carbohydrate Amphiphile. <i>Journal of the American Chemical Society</i> , 2015, 137, 576-579.	6.6	260
53	Transient supramolecular reconfiguration of peptide nanostructures using ultrasound. <i>Materials Horizons</i> , 2015, 2, 198-202.	6.4	53
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55	Multicomponent low molecular weight gelators. <i>Chemical Communications</i> , 2015, 51, 5170-5180.	2.2	206

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65	An Injectable Self-Assembling Collagen-Gold Hybrid Hydrogel for Combinatorial Antitumor Photothermal/Photodynamic Therapy. <i>Advanced Materials</i> , 2016, 28, 3669-3676.	11.1	700
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75	Hierarchical self-assembly of di-, tri- and tetraphenylalanine peptides capped with two fluorenyl functionalities: from polymorphs to dendrites. <i>Soft Matter</i> , 2016, 12, 5475-5488.	1.2	26
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