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# Functional supramolecular polymers

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2159	Construction of a Supramolecular Polymer by Bridged Bis(permethyl-tyclodextrin)s with Porphyrins and Its Highly Efficient Magnetic Resonance Imaging. <b>2013</b> , 46, 4268-4275	61

2158	Biomolecular robotics for chemomechanically driven guest delivery fuelled by intracellular ATP. <b>2013</b> , 5, 613-20	160
2157	Chirality control for in situ preparation of gold nanoparticle superstructures directed by a coordinatable organogelator. <b>2013</b> , 135, 9174-80	58
2156	Structural equilibrium in new nitroxide-capped cyclodextrins: CW and pulse EPR study. <b>2013</b> , 117, 8223-31	8
2155	Thermodynamics of the helical, supramolecular polymerization of linear self-asembling molecules: influence of hydrogen bonds and Btacking. <b>2013</b> , 19, 10482-6	16
2154	AAAA-DDDD quadruple hydrogen-bond arrays featuring NHIIIN and CHIIIN hydrogen bonds. <b>2013</b> , 135, 9939-43	48
2153	Self-Healing in Plants as Bio-Inspiration for Self-Repairing Polymers. <b>2013</b> , 61-89	14
2152	Self-Healing Polymers via Supramolecular, Hydrogen-Bonded Networks. <b>2013</b> , 273-300	6
2151	Supramolecular self-assemblies as functional nanomaterials. <b>2013</b> , 5, 7098-140	519
2150	Small sized perylene-bisimide assemblies controlled by both cooperative and anti-cooperative assembly processes. <b>2013</b> , 49, 5532-4	35
2149	Adaptive all the way down: building responsive materials from hierarchies of chemomechanical feedback. <b>2013</b> , 42, 7072-85	77
2148	Comparing solution and melt-state association of hydrogen bonds in supramolecular polymers. <b>2013</b> , 4, 3602	42
2147	Enhancement of Photodriven Charge Separation by Conformational and Intermolecular Adaptations of an AnthraceneBerylenediimideAnthracene Triad to an Aqueous Environment. <b>2013</b> , 117, 12438-12445	22
2146	Self-Assembling Multivalency (Supramolecular Polymers Assembled from Monovalent Mannose-Labelled Discotic Molecules. <b>2013</b> , 2013, 3470-3476	16
2145	Multiply-fused porphyrinseffects of extended Econjugation on the optical and electrochemical properties. <b>2013</b> , 49, 5939-41	47
2144	Biological applications of peptides nanotubes: an overview. <b>2013</b> , 39, 47-54	53
2143	Recent advances in dynamic covalent chemistry. <b>2013</b> , 42, 6634-54	889
2142	Oriented protein immobilization using covalent and noncovalent chemistry on a thiol-reactive self-reporting surface. <b>2013</b> , 135, 3104-11	31
2141	Quadruple Istack of two perylene bisimide tweezers: a bimolecular complex with kinetic stability. <b>2013</b> , 52, 7482-6	34

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2140	Bone regeneration with low dose BMP-2 amplified by biomimetic supramolecular nanofibers within collagen scaffolds. <b>2013</b> , 34, 452-9	209
2139	Self-repair of a biological fiber guided by an ordered elastic framework. <b>2013</b> , 14, 1520-8	53
2138	Supramolecular Diversity through Click Chemistry: Switching from Nanomicelles to 1D-Nanotubes and Tridimensional Hydrogels. <b>2013</b> , 25, 4250-4261	37
2137	Molecular-Cluster-Assembly Method for Analysis of High-Dimensional Structures of p-Cresol Chains in Phenolic Polymers. <b>2013</b> , 22, 443-461	2
2136	Photoreconfigurable supramolecular nanotube. <b>2013</b> , 135, 11509-12	86
2135	Tuning nanostructure dimensions with supramolecular twisting. <b>2013</b> , 117, 4604-10	63
2134	Self-assembly of a set of hydrophilic-solvophobic-hydrophobic coil-rod-coil molecules based on perylene diimide. <b>2013</b> , 15, 21058-69	20
2133	Side-Chain Supramolecular Polymers Employing Conformer Independent Triple Hydrogen Bonding Arrays. <b>2013</b> , 46, 9634-9641	24
2132	Supramolecular Polymers Formed by ABC Miktoarm Star Peptides. <b>2013</b> , 2, 1088-1094	34
2131	Supramolecular organization of heptapyrenotide oligomersan in depth investigation by molecular dynamics simulations. <b>2013</b> , 117, 2576-85	8
2130	Plant biomass recalcitrance: effect of hemicellulose composition on nanoscale forces that control cell wall strength. <b>2013</b> , 135, 19048-51	82
2129	Peptide nanofibers with dynamic instability through nonequilibrium biocatalytic assembly. <b>2013</b> , 135, 16789-92	229
2128	Cooperative self-assembly of peptide gelators and proteins. <b>2013</b> , 14, 4368-76	66
2127	Dynamic or nondynamic? Helical trajectory in hexabenzocoronene nanotubes biased by a detachable chiral auxiliary. <b>2013</b> , 135, 114-7	52
2126	Extremely Slow Dynamics of an Abiotic Helical Assembly: Unusual Relevance to the Secondary Structure of Proteins. <b>2013</b> , 4, 583-8	17
2125	Advances in supramolecular electronics - from randomly self-assembled nanostructures to addressable self-organized interconnects. <b>2013</b> , 25, 477-87	130
2124	Functional supramolecular nanomaterials: robust yet adaptive. 2013,	
2123	Self-ordering electron donor-acceptor nanohybrids based on single-walled carbon nanotubes across different scales. <b>2013</b> , 52, 2180-4	39

2122	Yoctowells as a simple model system for the encapsulation and controlled release of bioactive molecules. <b>2013</b> , 3, 1982	7
2121	Hierarchical Macromolecular Structures: 60 Years after the Staudinger Nobel Prize II. <b>2013</b> ,	8
2120	Supramolecular luminescence from oligofluorenol-based supramolecular polymer semiconductors. <b>2013</b> , 14, 22368-79	7
2119	Hierarchical Macromolecular Structures: 60 Years after the Staudinger Nobel Prize I. <b>2013</b> ,	
2118	Energy and Electron Transfer of One-Dimensional Nanomaterials of Perylenediimides. <b>2013</b> , 2, M3051-M3062	14
2117	Photophysical studies and submicron ring formation of morpholino U-nucleoside monomers. <b>2013</b> , 49, 11278-80	3
2116	Sol-gel conversion based on photoswitching between noncovalently and covalently linked netlike supramolecular polymers. <b>2013</b> , 49, 9800-2	101
2115	Hybrid Self-Assembly, Crystal, and Fractal Behavior of a Carboxy-Ended Hyperbranched Polyester/Copper Complex. <b>2013</b> , 214, 370-377	10
2114	Access to different nanostructures via self-assembly of thiourea-containing PEGylated amphiphiles. <b>2013</b> , 34, 652-8	12
2113	Self-Healing Dynamic Polymeric Systems. <b>2013</b> , 53, 53-60	12
2112	Supramolecular hydrogel capsules based on PEG: a step toward degradable biomaterials with rational design. <b>2013</b> , 34, 1401-7	29
2111	Self-Ordering Electron DonorAcceptor Nanohybrids Based on Single-Walled Carbon Nanotubes Across Different Scales. <b>2013</b> , 125, 2236-2240	20
2110	2D Self-Assembly of an Amido-Ended Hydrophilic Hyperbranched Polyester by Copper Ion Induction. <b>2013</b> , 214, 1724-1733	4
2109	Structural transformation between supramolecular nanofibers with drastic change of conductivity by heat and ultrasound. <b>2013</b> , 8, 1372-6	12
2108	Organogel of fluorescein-based derivative formation in the selected pH value. <b>2013</b> , 25, 881-885	3
2107	Nanomechanical Function Arising from the Complex Architecture of Dendronized Helical Polymers. <b>2013</b> , 345-362	7
2106	Aggregation-Driven Reversible Formation of Conjugated Polymers in Water. <b>2013</b> , 125, 2052-2055	8
2105	Photoresponsive Hydrogen-Bonded Supramolecular Polymers Based on a Stiff Stilbene Unit. <b>2013</b> , 125, 9920-9924	30

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2104	Spatiotemporal control and superselectivity in supramolecular polymers using multivalency. <b>2013</b> , 110, 12203-8	90
2103	Aqueous Supramolecular Polymers Based on Aromatic Amphiphiles: Rational Design, Complexity, and Functional Materials. <b>2013</b> , 363-387	4
2102	Bioinspired Supramolecular Materials. <b>2013</b> , 86, 10-24	10
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<b>2</b> 100	RNA Nanotechnology in Sensing, Detection, and Disease Diagnosis. <b>2013</b> , 457-466	
2099	Small-peptide-based organogel kit: towards the development of multicomponent self-sorting organogels. <b>2013</b> , 19, 15862-71	39
2098	Quadruple Istack of Two Perylene Bisimide Tweezers: A Bimolecular Complex with Kinetic Stability. <b>2013</b> , 125, 7630-7634	15
2097	Formation of Two-Dimensional Supramolecular Polymers by Amphiphilic Pyrene Oligomers. <b>2013</b> , 125, 11702-11707	32
2096	pH-Schaltbare amphotere supramolekulare Copolymere. <b>2013</b> , 125, 10282-10287	21
2095	Organogelation-controlled topochemical [2+2] cycloaddition and morphological changes: from nanofiber to peculiar coaxial hollow toruloid-like nanostructures. <b>2013</b> , 19, 16072-9	36
2094	Anisotropically luminescent hydrogels containing magnetically-aligned MWCNTs-Eu(III) hybrids. <b>2013</b> , 25, 2462-7	43
2093	Supramolecular Self-Assembly of N-Acetyl-Capped 即eptides Leads to Nano- to Macroscale Fiber Formation. <b>2013</b> , 125, 8424-8428	11
2092	Vortex-induced alignment of a water soluble supramolecular nanofiber composed of an amphiphilic dendrimer. <b>2013</b> , 18, 7071-80	6
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2090	Separation, immobilization, and biocatalytic utilization of proteins by a supramolecular membrane. <b>2013</b> , 8, e63188	19
2089	Bridging Polymer Science and Medicine Through Supramolecular Nanoassemblies. 2013, 249-262	1
2088	Supramolecular Chemistry: From Host-guest Complexes to Supramolecular Polymers. <b>2013</b> , 71, 1172-1181	1
2087	The Study of Intermolecular Inclusion in Cellulose Physical Gels. <b>2014</b> , 9,	3

2086	Controlling molecular self-assembly: from amyloid oligomerization and therapy to novel biomaterials and technological applications in nanomedicine. <b>2014</b> , 9, 2433-6	11
2085	Supramolecular polymerization promoted and controlled through self-sorting. <b>2014</b> , 53, 5351-5	182
2084	Designing nonlinear optical molecule by incorporating the planar tetracoordinate unit NAl4- or CAl42- into decaborane B10H14. <b>2014</b> , 13, 1450042	
2083	Hydrophobic self-assembly affords robust noncovalent polymer isomers. <b>2014</b> , 53, 4123-6	38
2082	Frontiers in Nanofabrication via Self-Assembly of Hybrid Materials into Low Dimensional Nanostructures. <b>2014</b> , 351-379	2
2081	A metal-ion-responsive adhesive material via switching of molecular recognition properties. <b>2014</b> , 5, 4622	111
2080	Biocatalytic Self-Assembly of Supramolecular Charge-Transfer Nanostructures Based on n-Type Semiconductor-Appended Peptides. <b>2014</b> , 126, 5992-5997	38
2079	Supramolecular Hydrogen Bonding Interactions of Novel 1,3,5-Benzenetricarbonyl Trisubstituted Alkyl for Anion Sensor Applications. <b>2014</b> , 925, 228-232	4
2078	Mesoscale characterization of supramolecular transient networks using SAXS and rheology. <b>2014</b> , 15, 1096-111	32
2077	The Influence of Ziegler-Natta and Metallocene Catalysts on Polyolefin Structure, Properties, and Processing Ability. <b>2014</b> , 7, 5069-5108	111
2076	Halogen-bonded mesogens direct polymer self-assemblies up to millimetre length scale. <b>2014</b> , 5, 4043	61
2075	Multiwalled nanotubes formed by catanionic mixtures of drug amphiphiles. <b>2014</b> , 8, 12690-700	92
2074	Photoinduced transformations of stiff-stilbene-based discrete metallacycles to metallosupramolecular polymers. <b>2014</b> , 111, 8717-22	110
2073	De novo chemoattractants form supramolecular hydrogels for immunomodulating neutrophils in vivo. <b>2014</b> , 25, 2116-22	7
2072	Intermolecular Interactions of CpFePPh3(CO)CO(CH2)5CH3: From a Crystalline Solid to a Supramolecular Iron-TrussIPolymer. <b>2014</b> , 3, 1281-1285	10
2071	pH and amphiphilic structure direct supramolecular behavior in biofunctional assemblies. <b>2014</b> , 136, 14746-52	137
2070	Tunable elastic modulus of nanoparticle monolayer films by host-guest chemistry. <b>2014</b> , 26, 5056-61	20
2069	Peptide conjugates for directing the morphology and assembly of 1D nanoparticle superstructures. <b>2014</b> , 20, 941-5	25

2068	Recognition characteristics of an adaptive vesicular assembly of amphiphilic baskets for selective detection and mitigation of toxic nerve agents. <b>2014</b> , 136, 17337-42	31
2067	Electron Delocalization in a Rigid Cofacial Naphthalene-1,8:4,5-bis(dicarboximide) Dimer. <b>2014</b> , 126, 9630-963	<b>55</b> 30
2066	CHAPTER 5:Amphiphilic Design for Supramolecular Materials with Opto-Electronic Functions. <b>2014</b> , 173-202	
2065	Reversible adaptation to photoinduced shape switching by oligomer-macrocycle interconversion with component selection in a three-state constitutional dynamic system. <b>2014</b> , 20, 16188-93	20
2064	Strapped porphyrin-based polymeric systems. <b>2014</b> , 46, 674-681	8
2063	Mass spectrometric analysis of in vitro nuclear aggregates of polyamines. <b>2014</b> , 28, 499-504	5
2062	Thermal or mechanical stimuli-induced photoluminescence color change of a molecular assembly composed of an amphiphilic anthracene derivative in water. <b>2014</b> , 20, 10397-403	28
2061	Mechanism of crystalline self-assembly in aqueous medium: a combined cryo-TEM/kinetic study. <b>2014</b> , 20, 10332-42	36
2060	Gated electron sharing within dynamic naphthalene diimide-based oligorotaxanes. <b>2014</b> , 53, 4442-9	51
2059	Effective integrative supramolecular polymerization. <b>2014</b> , 53, 10582-4	19
2058	Metallo-supramolecular nanogels for intracellular pH-responsive drug release. <b>2014</b> , 35, 1697-705	11
2057	The biomaterials conundrum in tissue engineering. <b>2014</b> , 20, 1129-31	63
2056	Self-assembly snapshots of a 2 ½ copper(I) grid. <b>2014</b> , 26, 267-279	9
2055	Three-dimensional periodic supramolecular organic framework ion sponge in water and microcrystals. <b>2014</b> , 5, 5574	148
2054	Porous polyurea network showing aggregation induced white light emission, applications as biosensor and scaffold for drug delivery. <b>2014</b> , 6, 22569-76	44
2053	Temperature- and Voltage-Induced Ligand Rearrangement of a Dynamic Electroluminescent Metallopolymer. <b>2014</b> , 126, 8528-8531	9
2052	Supramolecular polymer fabricated by click polymerization from supramonomer. <b>2014</b> , 5, 323-326	71
2051	Homochiral supramolecular polymerization of bowl-shaped chiral macrocycles in solution. <b>2014</b> , 5, 136-140	76

2050	What molecular assembly can learn from catalytic chemistry. <b>2014</b> , 43, 399-411		65
2049	Porphyrin-containing hyperbranched supramolecular polymers: enhancing 1O2-generation efficiency by supramolecular polymerization. <b>2014</b> , 5, 53-56		62
2048	A three-dimensional cross-linking supramolecular polymer stabilized by the cooperative dimerization of the viologen radical cation. <b>2014</b> , 5, 341-345		42
2047	Yoctowell cavities on magnetic silica nanoparticles for pH stimuli-responsive controlled release of drug molecules. <b>2014</b> , 20, 5253-7		6
2046	Helical nanostructures based on DNA self-assembly. <b>2014</b> , 6, 9331-8		25
2045	Biocatalytic self-assembly of nanostructured peptide microparticles using droplet microfluidics. <b>2014</b> , 10, 285-93		36
2044	Reversible anion-induced cross-linking of well-defined calix[4]pyrrole-containing copolymers. <b>2014</b> , 136, 2252-5		40
2043	Self-assembled plasmonic nanostructures. <b>2014</b> , 43, 3976-91		234
2042	Fabricating covalently attached hyperbranched polymers by combining photochemistry with supramolecular polymerization. <b>2014</b> , 5, 1471-1476		62
2041	A two-dimensional single-layer supramolecular organic framework that is driven by viologen radical cation dimerization and further promoted by cucurbit[8]uril. <b>2014</b> , 5, 4715-4721		92
2040	Self-assembly of three-dimensional supramolecular polymers through cooperative tetrathiafulvalene radical cation dimerization. <b>2014</b> , 20, 575-84		40
2039	Aligned neurite outgrowth and directed cell migration in self-assembled monodomain gels. <b>2014</b> , 35, 185-95		147
2038	25th anniversary article: supramolecular materials for regenerative medicine. <b>2014</b> , 26, 1642-59		248
2037	Controlling the crystalline three-dimensional order in bulk materials by single-wall carbon nanotubes. <b>2014</b> , 5, 3763		27
2036	Charge-Transfer Nanostructures through Noncovalent Amphiphilic Self-Assembly: Extended Cofacial Donor-Acceptor Arrays. <b>2014</b> , 3, 161-169		9
2035	Manipulation of discrete nanostructures by selective modulation of noncovalent forces. <i>Science</i> , <b>2014</b> , 344, 499-504	33.3	124
2034	Vibrationally promoted dissociation of water on Ni(111). Science, 2014, 344, 504-7	33.3	154
2033	Biocatalytic self-assembly of supramolecular charge-transfer nanostructures based on n-type semiconductor-appended peptides. <b>2014</b> , 53, 5882-7		116

2032	Counterions control whether self-assembly leads to formation of stable and well-defined unilamellar nanotubes or nanoribbons and nanorods. <b>2014</b> , 20, 6853-6	16
2031	Controlled nanodimensional supramolecular self-assembly of tetra-alkylated naphthalene diimide derivatives. <b>2014</b> , 20, 10775-81	12
2030	High degree of polymerization in a fullerene-containing supramolecular polymer. <b>2014</b> , 53, 5629-33	27
2029	A collection of fullerenes for synthetic access toward oriented charge-transfer cascades in triple-channel photosystems. <b>2014</b> , 53, 4890-5	17
2028	Stimuli-responsive supramolecular polymers in aqueous solution. <b>2014</b> , 47, 1971-81	439
2027	Fluorogel elastomers with tunable transparency, elasticity, shape-memory, and antifouling properties. <b>2014</b> , 53, 4418-22	123
2026	Responsive supramolecular polymers based on the bis[alkynylplatinum(II)] terpyridine molecular tweezer/arene recognition motif. <b>2014</b> , 53, 6090-4	133
2025	Acoustic Alignment of a Supramolecular Nanofiber in Harmony with the Sound of Music. <b>2014</b> , 79, 516-523	4
2024	Materials science. Toward recyclable thermosets. <i>Science</i> , <b>2014</b> , 344, 706-7	39
2023	Supramolecular dendritic polymers: from synthesis to applications. <b>2014</b> , 47, 2006-16	166
2022	Supramolecular polymorphism: tunable electronic interactions within Econjugated peptide nanostructures dictated by primary amino acid sequence. <b>2014</b> , 30, 5946-56	56
2021	A peptide-based nanofibrous hydrogel as a promising DNA nanovector for optimizing the efficacy of HIV vaccine. <b>2014</b> , 14, 1439-45	136
2020	A stimuli-responsive orthogonal supramolecular polymer network formed by metal-ligand and host-guest interactions. <b>2014</b> , 50, 722-4	68
2019	Hierarchical Self-Assembly of Amphiphilic Homopolymer into Unique Superstructures. <b>2014</b> , 3, 44-50	12
2018	Supramolecular charge transfer nanostructures. <b>2014</b> , 16, 1300-13	128
2017	The role of spacers on the self-assembly of DNA aptamer-amphiphiles into micelles and nanotapes. <b>2014</b> , 50, 210-2	28
2016	Supramolecular Chemistry and Self-Assembly in Organic Materials Design. <b>2014</b> , 26, 507-518	371
2015	The Influence of Hydrogen Bonding Side-Groups on Viscoelastic Behavior of Linear and Network Polymers. <b>2014</b> , 47, 729-740	154

2014	Functional Egelators and their applications. <b>2014</b> , 114, 1973-2129	1375
2013	Nucleobase-grafted supramolecular polymers for tuning the surface properties. <b>2014</b> , 5, 702-705	4
2012	Structure-Specific Intrinsic Fluorescence of Protein Amyloids Used to Study their Kinetics of Aggregation. <b>2014</b> , 147-155	19
2011	Lock-arm supramolecular ordering: a molecular construction set for cocrystallizing organic charge transfer complexes. <b>2014</b> , 136, 17224-35	50
2010	Supramolecular copolymers obtained from two-component gels: metal ion-mediated cross-linking, enhanced viscoelasticity and supramolecular yarns. <b>2014</b> , 50, 15874-7	18
2009	Hierarchical self-assembly of supramolecular helical fibres from amphiphilic C3-symmetrical functional tris(tetrathiafulvalenes). <b>2014</b> , 20, 17443-53	34
2008	Self-organized nanotube materials and their application in bioengineering. <b>2014</b> , 46, 831-858	67
2007	Guest-driven inflation of self-assembled nanofibers through hollow channel formation. <b>2014</b> , 136, 16152-5	36
2006	Co-localised Raman and force spectroscopy reveal the roles of hydrogen bonds and Interactions in defining the mechanical properties of diphenylalanine nano- and micro-tubes. <b>2014</b> , 104, 251905	4
2005	Elaboration of thermoresponsive supramolecular diblock copolymers in water from complementary CBPQT4+ and TTF end-functionalized polymers. <b>2014</b> , 35, 498-504	14
2004	Polymers zippered-up by electric charge reveal themselves. <b>2014</b> , 8, 11030-4	8
2003	Modulating the binding of polycyclic aromatic hydrocarbons inside a hexacationic cage by anion-□ interactions. <b>2015</b> , 54, 456-61	32
2002	Eine leistungsfflige integrative supramolekulare Polymerisation. <b>2014</b> , 126, 10754-10757	5
2001	Peptide-induced hierarchical long-range order and photocatalytic activity of porphyrin assemblies. <b>2015</b> , 54, 500-5	74
2000	Advances in nanofibrous scaffolds for biomedical applications: From electrospinning to self-assembly. <b>2014</b> , 9, 722-742	89
1999	Multi-stimuli responsive supramolecular diblock copolymers. <b>2014</b> , 5, 1031-1036	25
1998	Guest dependent dielectric properties of nickel(II)-based supramolecular networks. <b>2014</b> , 16, 6309-6315	23
1997	Organogel formation based on bis-urea derivative. <b>2014</b> , 26, 804-808	3

1996	Depolymerizable, adaptive supramolecular polymer nanoparticles and networks. <b>2014</b> , 5, 3788-3794	44
1995	Pillararene-based supramolecular polymers: from molecular recognition to polymeric aggregates. <b>2014</b> , 50, 12420-33	341
1994	Cucurbit[6]uril-cucurbit[7]uril heterodimer promotes controlled self-assembly of supramolecular networks and supramolecular micelles by self-sorting of amphiphilic guests. <b>2014</b> , 50, 14756-9	14
1993	Charge carrier mobility in organic molecular materials probed by electromagnetic waves. <b>2014</b> , 16, 11093-113	108
1992	A fluorescent hyperbranched supramolecular polymer based on triple hydrogen bonding interactions. <b>2014</b> , 5, 6662-6666	18
1991	Precisely controlled supramolecular ionic conduction paths and their structured onductivity relationships for lithium ion transport. <b>2014</b> , 16, 10512-10518	10
1990	Light harvesting vesicular donor acceptor scaffold limits the rate of charge recombination in the presence of an electron donor. <b>2014</b> , 7, 1661-1669	34
1989	Pyridylenevinylene based Cu(2+)-specific, injectable metallo(hydro)gel: thixotropy and nanoscale metal-organic particles. <b>2014</b> , 50, 11690-3	65
1988	A toolbox of oligopeptide-modified polymers for tailored elastomers. <b>2014</b> , 5, 4728	25
1987	Metallo/clusto hybridized supramolecular polymers. <b>2014</b> , 10, 9038-53	24
1986	Supramolecular polymer gels with potential model-network structure. <b>2014</b> , 5, 3018-3029	63
1985	Photoluminescent supramolecular hyperbranched polymer without conventional chromophores based on inclusion complexation. <b>2014</b> , 50, 9584-7	31
1984	Catalytic control over the formation of supramolecular materials. <b>2014</b> , 12, 6292-6	18
1983	Chemical strategies for the presentation and delivery of growth factors. <b>2014</b> , 2, 2381-2394	29
1982	The physical properties of supramolecular peptide assemblies: from building block association to technological applications. <b>2014</b> , 43, 6881-93	465
1981	Self-assembled dipeptide nanotubes constituted by flexible phenylalanine and conformationally constrained dehydrophenylalanine residues as drug delivery system. <b>2014</b> , 2, 3096-3106	31
1980	Multifunctional fluorescent material based on metallomicelles trapped in silica nanochannels. <b>2014</b> , 2, 1962-1965	8
1979	Multistate self-assembled micro-morphology transitions controlled by host-guest interactions. <b>2014</b> , 50, 1567-9	49

1978	Supramolecular polymers as surface coatings: rapid fabrication of healable superhydrophobic and slippery surfaces. <b>2014</b> , 26, 7358-64	103
1977	Helical graphitic carbon nitrides with photocatalytic and optical activities. <b>2014</b> , 53, 11926-30	466
1976	Ostwald's rule of stages governs structural transitions and morphology of dipeptide supramolecular polymers. <b>2014</b> , 5, 5219	150
1975	Dendronized supramolecular polymers. <b>2014</b> , 50, 12221-33	41
1974	A supramolecular approach for fabrication of photo-responsive block-controllable supramolecular polymers. <b>2014</b> , 5, 5453	20
1973	A reversible functional supramolecular material formed by host@uest inclusion. <b>2014</b> , 5, 2922-2927	28
1972	Self-assembly of azobenzene-based two-component gels. <b>2014</b> , 38, 5747-5753	15
1971	Supramolecular polymerization of supramonomers: a way for fabricating supramolecular polymers. <b>2014</b> , 5, 5895-5899	30
1970	Supramolecular gel from folic acid with multiple responsiveness, rapid self-recovery and orthogonal self-assemblies. <b>2014</b> , 16, 8346-59	65
1969	Aggregation-induced chiral symmetry breaking of a naphthalimide-cyanostilbene dyad. <b>2014</b> , 16, 23854-60	16
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1968 1967	Precision Sequence Control in Bioinspired Peptoid Polymers. <b>2014</b> , 35-53  Facile preparation of supramolecular (ABAC)n multiblock copolymers from Hamilton wedge and barbiturate-functionalized RAFT agents. <b>2014</b> , 5, 2891-2900  Selective anion-induced crystal switching and binding in surface monolayers modulated by electric fields from scanning probes. <b>2014</b> , 8, 10858-69	1 23
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1959	Conducting nanofibers and organogels derived from the self-assembly of tetrathiafulvalene-appended dipeptides. <b>2014</b> , 30, 12429-37	76
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1957	Supramolecular RutheniumAlkynyl Multicomponent Architectures: Engineering, Photophysical Properties, and Responsiveness to Nitroaromatics. <b>2014</b> , 33, 665-676	14
1956	Hierarchical growth of fluorescent dye aggregates in water by fusion of segmented nanostructures. <b>2014</b> , 53, 1270-4	101
1955	In Situ Formation of Heterojunctions in Modified Graphitic Carbon Nitride: Synthesis and Noble Metal Free Photocatalysis. <b>2014</b> , 26, 5812-5818	164
1954	Low-molecular-mass gels responding to ultrasound and mechanical stress: towards self-healing materials. <b>2014</b> , 43, 5346-71	368
1953	Origins of structural flexibility in protein-based supramolecular polymers revealed by DEER spectroscopy. <b>2014</b> , 118, 9881-9	2
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1944	Why are diphenylalanine-based peptide nanostructures so rigid? Insights from first principles calculations. <b>2014</b> , 136, 963-9	115
1943	Polymer Blending through Host <b>G</b> uest Interactions. <b>2014</b> , 47, 632-638	24

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1941	Controlling aqueous self-assembly mechanisms by hydrophobic interactions. <b>2014</b> , 20, 13871-5	32
1940	Spontaneous stepwise self-assembly of a polyoxometalate-organic hybrid into catalytically active one-dimensional anisotropic structures. <b>2014</b> , 20, 9589-95	59
1939	Gd(III)-labeled peptide nanofibers for reporting on biomaterial localization in vivo. <b>2014</b> , 8, 7325-32	41
1938	Differential self-assembly and tunable emission of aromatic peptide bola-amphiphiles containing perylene bisimide in polar solvents including water. <b>2014</b> , 30, 7576-84	76
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1936	Ultrafast and reversible thermochromism of a conjugated polymer material based on the assembly of peptide amphiphiles. <b>2014</b> , 5, 4189-4195	36
1935	Electron-Transfer Reduction Properties and Excited-State Dynamics of Benzo[ghi]peryleneimide and Coroneneimide Derivatives. <b>2014</b> , 118, 7710-7720	28
1934	A supramolecular host-guest carrier system for growth factors employing V(H)H fragments. <b>2014</b> , 136, 12675-81	35
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1908	Unidirectionally aligned diphenylalanine nanotube/microtube arrays with excellent supercapacitive performance. <b>2014</b> , 7, 929-937	26
1907	An instant multi-responsive porous polymer actuator driven by solvent molecule sorption. <b>2014</b> , 5, 4293	381

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1850	High-resolution high-speed dynamic mechanical spectroscopy of cells and other soft materials with the help of atomic force microscopy. <b>2015</b> , 5, 12630	24
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1847	Morphology and Orientation Control of Organic Crystals in Organic Media through Advanced Biomimetic Approach. <b>2015</b> , 88, 1459-1465	6
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1845	Polypept(o)ides: Hybrid Systems Based on Polypeptides and Polypeptoids. <b>2015</b> , 36, 1943-57	77
1844	Stepwise Formation of Photoconductive Nanotubes through a New Top-Down Method. <b>2015</b> , 27, 7746-51	36
1843	Biocatalytic Pathway Selection in Transient Tripeptide Nanostructures. <b>2015</b> , 127, 8237-8241	49
1842	Programmierbare supramolekulare Polymerisationen. <b>2015</b> , 127, 8452-8454	45
1841	Self-Healing Materials from V- and H-Shaped Supramolecular Architectures. <b>2015</b> , 127, 10326-10330	26
1840	Highly Ordered Nanoporous Films from Supramolecular Diblock Copolymers with Hydrogen-Bonding Junctions. <b>2015</b> , 127, 11269-11273	O
1839	Programmable Supramolecular Polymerizations. <b>2015</b> , 54, 8334-6	111
1838	Self-Healing Materials from V- and H-Shaped Supramolecular Architectures. <b>2015</b> , 54, 10188-92	98
1837	Loading of Vesicles into Soft Amphiphilic Nanotubes using Osmosis. <b>2015</b> , 54, 15122-7	14
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1835	DNA-Grafted Supramolecular Polymers: Helical Ribbon Structures Formed by Self-Assembly of Pyrene <b>D</b> NA Chimeric Oligomers. <b>2015</b> , 127, 8045-8049	7

1834	Coronenetetraimide-centered cruciform pentamers containing multiporphyrin units: synthesis and sequential photoinduced energy- and electron-transfer dynamics. <b>2015</b> , 21, 11196-205	12
1833	Spacer-Modulated Differentiation Between Self-Assembly and Folding Pathways for Bichromophoric Merocyanine Dyes. <b>2015</b> , 21, 14851-61	16
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1830	Biocatalytic Pathway Selection in Transient Tripeptide Nanostructures. <b>2015</b> , 54, 8119-23	139
1829	Cation-tuned stimuli-responsive and optical properties of supramolecular hydrogels. <b>2015</b> , 10, 1299-303	21
1828	How to Make Weak Noncovalent Interactions Stronger. <b>2015</b> , 21, 11938-46	34
1827	Supramolecular Protein Immobilization on Lipid Bilayers. <b>2015</b> , 21, 18466-73	23
1826	Self-Assembly of Organic Building Blocks with Directly Exfoliated Graphene to Fabricate Di- and Tricomponent Hybrids. <b>2015</b> , 1, 517-527	16
1825	Effect and Evolution of Nanostructural Complexity in Sensitive Polymer Gels. <b>2015</b> , 216, 9-22	6
1824	Supramolecular Polymerization Engineered with Molecular Recognition. <b>2015</b> , 15, 837-53	14
1823	Supramolecular Porphyrin Copolymer Assembled through Host-Guest Interactions and Metal-Ligand Coordination. <b>2015</b> , 54, 14830-4	19
1822	Loading of Vesicles into Soft Amphiphilic Nanotubes using Osmosis. <b>2015</b> , 127, 15337-15342	4
1821	Selective synthesis of single- and multi-walled supramolecular nanotubes by using solvophobic/solvophilic controls: stepwise radial growth via "coil-on-tube" intermediates. <b>2015</b> , 54, 11168-72	28
1820	Steric Constraints Induced Frustrated Growth of Supramolecular Nanorods in Water. <b>2015</b> , 21, 19257-64	57
1819	Self-Assembled Fluorescent Nanoparticles from EConjugated Small Molecules: En Route to Biological Applications. <b>2015</b> , 36, 1306-21	40
1818	Toward model-driven engineering of supramolecular copolymers. <b>2015</b> , 53, 385-391	6
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1814	Self-Healing, Expansion-Contraction, and Shape-Memory Properties of a Preorganized Supramolecular Hydrogel through Host-Guest Interactions. <b>2015</b> , 54, 8984-7	379
1813	Highly ordered nanoporous films from supramolecular diblock copolymers with hydrogen-bonding junctions. <b>2015</b> , 54, 11117-21	34
1812	Template-Guided Ionic Self-Assembled Molecular Materials and Thin Films with Nanoscopic Order. <b>2015</b> , 1, 253-258	1
1811	Design of Aggregate Structures and Molecular Capture by Using Molecular-Cluster-Assembly Method. <b>2015</b> , 24, 595-609	
1810	Fibrillar Networks of Glycyrrhizic Acid for Hybrid Nanomaterials with Catalytic Features. <b>2015</b> , 127, 5498-5502	28
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1808	Aromatic Gain in a Supramolecular Polymer. <b>2015</b> , 127, 10648-10652	20
1807	Solvent-Induced Self-Assembly of Highly Hydrophobic Tetra- and Pentaphenylalanine Peptides. <b>2015</b> , 55, 756-762	11
1806	Robust Ordered Bundles of Porous Helical Nanotubes Assembled from Fully Rigid Ionic Benzene-1,3,5-tricarboxamides. <b>2015</b> , 21, 15388-94	4
1805	Poly(aryl ether) Dendrons with Monopyrrolotetrathiafulvalene Unit-Based Organogels exhibiting Gel-Induced Enhanced Emission (GIEE). <b>2015</b> , 21, 15235-45	16
1804	Organic Donor Acceptor Assemblies form Coaxial pl Heterojunctions with High Photoconductivity. <b>2015</b> , 127, 960-964	45
1803	Controlling the Structure and Length of Self-Synthesizing Supramolecular Polymers through Nucleated Growth and Disassembly. <b>2015</b> , 127, 7963-7967	34
1802	Selective Synthesis of Single- and Multi-Walled Supramolecular Nanotubes by Using Solvophobic/Solvophilic Controls: Stepwise Radial Growth via Coil-on-TubeIntermediates. <b>2015</b> , 127, 11320-11324	8
1801	Supramolecular Porphyrin Copolymer Assembled through Host <b>©</b> uest Interactions and Metal <b>©</b> igand Coordination. <b>2015</b> , 127, 15043-15047	6
1800	Biomimetic triblock and multiblock copolymers containing l-Phenylalanine moieties showing healing and enhanced mechanical properties. <b>2015</b> , 53, 2809-2819	19
1799	History and Applications of Hydrogels. <b>2015</b> , 04,	70

1798	Energy transfer within responsive pi-conjugated coassembled peptide-based nanostructures in aqueous environments. <b>2015</b> , 6, 1474-1484	53
1797	Self-assembly of "patchy" nanoparticles: a versatile approach to functional hierarchical materials. <b>2015</b> , 6, 3663-3673	109
1796	Controllable Supramolecular Polymerization through HostQuest Interaction and Photochemistry. <b>2015</b> , 4, 611-615	48
1795	Anomalous self-diffusion and sticky Rouse dynamics in associative protein hydrogels. <b>2015</b> , 137, 3946-57	82
1794	Solvent Molding of Organic Morphologies Made of Supramolecular Chiral Polymers. <b>2015</b> , 137, 8150-60	44
1793	A slippery molecular assembly allows water as a self-erasable security marker. <b>2015</b> , 5, 9842	61
1792	Topology, assembly, and electronics: three pillars for designing supramolecular polymers with emergent optoelectronic behavior. <b>2015</b> , 6, 5529-5539	24
1791	Self-Organization and supramolecular transformation of amide dendron with focal azobenzene unit. <b>2015</b> , 23, 496-499	4
1790	Supramolecular hydrophobic guest transport system based on pillar[5]arene. <b>2015</b> , 51, 10326-9	17
1789	Hydrogen-Bonded Supramolecular Polymers. <b>2015</b> , 321-350	2
1788	Qualitative/chiral sensing of amino acids by naked-eye fluorescence change based on morphological transformation and hierarchizing in supramolecular assemblies of pyrene-conjugated glycolipids. <b>2015</b> , 51, 11104-7	36
1787	Multifunctional selenium nanoparticles: Chiral selectivity of delivering MDR-siRNA for reversal of multidrug resistance and real-time biofluorescence imaging. <b>2015</b> , 11, 1773-84	40
1786	A dumbbell-like supramolecular triblock copolymer and its self-assembly of light-responsive vesicles. <b>2015</b> , 5, 47762-47765	17
1785	Highly Fluorescent [7]Carbohelicene Fused by Asymmetric 1,2-Dialkyl-Substituted Quinoxaline for Circularly Polarized Luminescence and Electroluminescence. <b>2015</b> , 119, 13937-13947	86
1784	Supramolecular hydrogels: synthesis, properties and their biomedical applications. <b>2015</b> , 3, 937-54	171
1783	VesicleEubeEibbon evolution via spontaneous fusion in a self-correcting supramolecular tissue. <b>2015</b> , 17, 8039-8046	18
1782	Multifunctional Supramolecular Hybrid Materials Constructed from Hierarchical Self-Ordering of In Situ Generated Metal-Organic Framework (MOF) Nanoparticles. <b>2015</b> , 27, 4438-4446	83
1781	Synthesis of Monodisperse Sequence-Defined Polymers Using Protecting-Group-Free Iterative Strategies. <b>2015</b> , 216, 1498-1506	78

1780	Supramolecular Polymerization Controlled by Reversible Conformational Modulation. <b>2015</b> , 4, 1410-1414	25
1779	Synthetic Mimics of Bacterial Lipid A Trigger Optical Transitions in Liquid Crystal Microdroplets at Ultralow Picogram-per-Milliliter Concentrations. <b>2015</b> , 31, 12850-5	18
1778	Interplay of Noncovalent Interactions in Ribbon-like Guanosine Self-Assembly: An NMR Crystallography Study. <b>2015</b> , 15, 5945-5954	32
1777	Linear rheology of bis-urea functionalized supramolecular poly(butylacrylate)s: Part I lweak stickers. <b>2015</b> , 69, 233-240	43
1776	Supramolecular assembly-induced enhanced emission of electrospun nanofibers. <b>2015</b> , 51, 672-5	8
1775	Unprecedentedly High Tissue Penetration Capability of Co-Assembled Nanosystems for Two-Photon Fluorescence Imaging In Vivo. <b>2015</b> , 3, 646-651	24
1774	pH-switchable self-assembled materials. <b>2015</b> , 36, 346-63	62
1773	Connecting supramolecular bond lifetime and network mobility for scratch healing in poly(butyl acrylate) ionomers containing sodium, zinc and cobalt. <b>2015</b> , 17, 1697-704	104
1772	Improving Solar Cell Efficiency through Hydrogen Bonding: A Method for Tuning Active Layer Morphology. <b>2015</b> , 27, 1201-1209	62
1771	Assembly of Extra-Large Nanosheets by Supramolecular Polymerization of Amphiphilic Pyrene Oligomers in Aqueous Solution. <b>2015</b> , 27, 1426-1431	51
1770	Nanotechnology: A Toolkit for Cell Behavior. <b>2015</b> , 1-24	1
1769	Well-defined supramolecular polymers based on orthogonal hydrogen-bonding and host <code>guest</code> interactions. <b>2015</b> , 6, 5540-5544	18
1768	Formation of Hydrogen-Bonded Self-assembled Structures in Polar Solvents. <b>2015</b> , 187-225	
1767	Facile synthesis of a peptidic Au(I)-metalloamphiphile and its self-assembly into luminescent micelles in water. <b>2015</b> , 51, 5253-6	24
1766	Biocompatible small peptide super-hydrogelators bearing carbazole functionalities. <b>2015</b> , 3, 2277-2280	36
1765	Multiresponsive hydrogel coassembled from phenylalanine and azobenzene derivatives as 3D scaffolds for photoguiding cell adhesion and release. <b>2015</b> , 7, 301-7	70
1764	Mechanism of self-assembly process and seeded supramolecular polymerization of perylene bisimide organogelator. <b>2015</b> , 137, 3300-7	326
1763	Oligomeric hydrogels self-assembled from reduction-controlled condensation. <b>2015</b> , 54, 3639-42	53

1762	Single-walled metal-organic nanotube built from a simple synthon. <b>2015</b> , 21, 4300-7	34
1761	Synthesis, optical properties, and electronic structures of nucleobase-containing Leonjugated oligomers. <b>2015</b> , 80, 1828-40	27
1760	New directions in supramolecular electronics. <b>2015</b> , 18, 206-214	99
1759	Mechanical design of DNA nanostructures. <b>2015</b> , 7, 5913-21	99
1758	A pillar[5]arene-fused cryptand: from orthogonal self-assembly to supramolecular polymer. <b>2015</b> , 51, 3623-6	30
1757	pH-responsive host@uest polymerization and blending. <b>2015</b> , 5, 11334-11342	5
1756	Polylactide stereocomplexation facilitated by the self-assembly of complementary ion pairs at the terminal group. <b>2015</b> , 112, 185-191	12
1755	Synthesis, Structure, and Topological Studies of Solvates and Salts of a Chiral Zwitterionic Host N-(2-Imidazol-5-yl-1-carboxyethyl)-1,8-naphthalimide. <b>2015</b> , 15, 737-751	10
1754	pH-regulated selectivity in supramolecular polymerizations: switching between Co- and homopolymers. <b>2015</b> , 21, 3304-9	60
1753	Self-organization of star-shaped columnar liquid crystals with a coaxial nanophase segregation revealed by a combined experimental and simulation approach. <b>2015</b> , 51, 1811-4	34
1752	Healable luminescent self-assembly supramolecular metallogels possessing lanthanide (Eu/Tb) dependent rheological and morphological properties. <b>2015</b> , 137, 1983-92	174
1751	From spherical to leaf-like morphologies: tunable supramolecular assembly of alkynylgold(I) complexes through variations of the alkyl chain length. <b>2015</b> , 21, 5732-5	26
1750	Supramolecular assembly of achiral alkynylplatinum(II) complexes and carboxylic 即,3-glucan into different helical handedness stabilized by Pt???Pt and/or 由nteractions. <b>2015</b> , 21, 5447-58	19
1749	Localized electronic states in branching polyacetylene molecules. <b>2015</b> , 100, 576-580	3
1748	Strategies to create hierarchical self-assembled structures via cooperative non-covalent interactions. <b>2015</b> , 44, 2543-72	298
1747	Light-controlled morphologies of self-assembled triarylamine-fullerene conjugates. <b>2015</b> , 9, 2760-72	35
1746	Photoresponsive Host-Guest Functional Systems. <b>2015</b> , 115, 7543-88	576
1745	Consequences of chirality on the dynamics of a water-soluble supramolecular polymer. <b>2015</b> , 6, 6234	94

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1744	Optical chirality sensing using macrocycles, synthetic and supramolecular oligomers/polymers, and nanoparticle based sensors. <b>2015</b> , 44, 4249-63	139
1743	Supramolecular photovoltaic cells utilizing inclusion complexes composed of Li+@C60 and cyclic porphyrin dimer. <b>2015</b> , 19, 242-250	4
1742	Self-assembly concepts for multicompartment nanostructures. <b>2015</b> , 7, 11841-76	244
1741	Designed filamentous cell penetrating peptides: probing supramolecular structure-dependent membrane activity and transfection efficiency. <b>2015</b> , 51, 11757-60	23
1740	Development of Lignin Supramolecular Hydrogels with Mechanically Responsive and Self-Healing Properties. <b>2015</b> , 3, 2160-2169	138
1739	Cross-Linking the Fibers of Supramolecular Gels Formed from a Tripodal Terpyridine Derived Ligand with d-Block Metal Ions. <b>2015</b> , 54, 7735-41	33
1738	Unimolecular Photopolymerization of High-Emissive Materials on Cylindrical Self-Assemblies. <b>2015</b> , 48, 5099-5105	13
1737	Depolymerizable poly(benzyl ether)-based materials for selective room temperature recycling. <b>2015</b> , 17, 4541-4545	45
1736	Post-assembly Modification of Tetrazine-Edged Fe(II)4L6 Tetrahedra. <b>2015</b> , 137, 10068-71	64
1735	Crystalline Oligo(ethylene sulfide) Domains Define Highly Stable Supramolecular Block Copolymer Assemblies. <b>2015</b> , 9, 6872-81	31
1734	Self-assembly formation of a healable lanthanide luminescent supramolecular metallogel from 2,6-bis(1,2,3-triazol-4-yl)pyridine (btp) ligands. <b>2015</b> , 51, 14123-6	61
1733	The marriage of endo-cavity and exo-wall complexation provides a facile strategy for supramolecular polymerization. <b>2015</b> , 51, 3434-7	77
1732	Long-range energy transport in single supramolecular nanofibres at room temperature. <b>2015</b> , 523, 196-9	216
1731	Supramolecular quantum dots as biodegradable nano-probes for upconversion-enabled bioimaging. <b>2015</b> , 51, 13201-4	23
1730	Entropic Effects on the Supramolecular Self-Assembly of Macromolecules. 2015, 4, 774-777	15
1729	Multilevel and Multicomponent Layer-by-Layer Assembly for the Fabrication of Nanofibrillar Films. <b>2015</b> , 9, 7124-32	18
1728	Gelation or crystallization? Subtle balance of structural factors for assembly of DBA derivatives with methyl esters. <b>2015</b> , 17, 8079-8084	5
1727	Chemical doping enhances electronic transport in networks of hexabenzocoronenes assembled in non-aqueous electrolyte. <b>2015</b> , 6, 5560-5564	2

1726	Structure and growth behavior of centimeter-sized helical oleate assemblies formed with assistance of medium-length carboxylic acids. <b>2015</b> , 11, 3550-8	13
1725	Coding Macromolecules: Inputting Information in Polymers Using Monomer-Based Alphabets. <b>2015</b> , 48, 4759-4767	148
1724	Mechanochemistry in Polymers with Supramolecular Mechanophores. <b>2015</b> , 369, 345-75	30
1723	Dynamic polymer systems with self-regulated secretion for the control of surface properties and material healing. <b>2015</b> , 14, 790-5	188
1722	Photo-Induced Assembly of Nanostructures Triggered by Short-Lived Proton Transfers in the Excited-State. <b>2015</b> , 137, 8660-3	10
1721	Self-assembly of benzothiadiazole-functionalized dinuclear platinum acetylide bolaamphiphiles for bio-imaging application. <b>2015</b> , 6, 5575-5579	15
1720	Alternating poly(lactic acid)/poly(ethylene-co-butylene) supramolecular multiblock copolymers with tunable shape memory and self-healing properties. <b>2015</b> , 6, 5899-5910	47
1719	On the handedness of helical aggregates of C3 tricarboxamides: a multichiroptical characterization. <b>2015</b> , 51, 9781-4	24
1718	Sequence Programmable Peptoid Polymers for Diverse Materials Applications. <b>2015</b> , 27, 5665-91	158
1717	Selective Absorption of Hydrophobic Cations in Nanostructured Porous Materials from Crosslinked Hydrogen-Bonded Columnar Liquid Crystals. <b>2015</b> , 2, 1500022	15
1716	Theoretical design and simulation of supramolecular polymer unit based on multiple hydrogen bonds. <b>2015</b> , 59, 31-9	6
1715	Advanced Biomimetic Approach for Crystal Growth in Nonaqueous Media: Morphology and Orientation Control of Pentacosadiynoic Acid and Applications. <b>2015</b> , 27, 2627-2632	28
1714	Exploiting Powder X-ray Diffraction to Establish the Solvent-Assisted Solid-State Supramolecular Assembly of Pillar[5]quinone. <b>2015</b> , 15, 1583-1587	11
1713	Supramolecular capsules from bilayer membrane scission driven by corannulene. <b>2015</b> , 21, 5736-40	17
1712	Supramolecular Amphiphiles Based on Host-Guest Molecular Recognition Motifs. <b>2015</b> , 115, 7240-303	731
1711	Tracking morphologies at the nanoscale: self-assembly of an amphiphilic designer peptide into a double helix superstructure. <b>2015</b> , 8, 1822-1833	19
1710	Supramolecular approach to new inkjet printing inks. <b>2015</b> , 7, 8906-14	32
1709	Relationship between the network dynamics, supramolecular relaxation time and healing kinetics of cobalt poly(butyl acrylate) ionomers. <b>2015</b> , 69, 228-232	52

1708	Supramolecular Polymer Networks and Gels. <b>2015</b> ,	22
1707	Supramolecular fabrication of multilevel graphene-based gas sensors with high NO2 sensibility. <b>2015</b> , 7, 10259-66	52
1706	Computational chemistry: Making a bad calculation. <b>2015</b> , 7, 473-5	16
1705	Supramolecular polymers: Chain growth in control. <b>2015</b> , 7, 472-3	13
1704	Supramolecular Polymer Networks: Preparation, Properties, and Potential. 2015, 1-46	19
1703	Supramolecular Hydrogels for Regenerative Medicine. <b>2015</b> , 253-279	3
1702	Hyperbranched PEG-based supramolecular nanoparticles for acid-responsive targeted drug delivery. <b>2015</b> , 3, 870-8	14
1701	Design and assembly of supramolecular dual-modality nanoprobes. <b>2015</b> , 7, 9462-6	14
1700	Supramolecular sensing: Enzyme activity with a twist. <b>2015</b> , 7, 275-7	7
1699	Self-assembling peptide nanofiber hydrogels for central nervous system regeneration. <b>2015</b> , 9, 1-13	15
1698	Supramolecular Polymers: Historical Development, Preparation, Characterization, and Functions. <b>2015</b> , 115, 7196-239	853
1697	Dipole-moment-driven cooperative supramolecular polymerization. <b>2015</b> , 137, 3924-32	93
1696	Protein engineering: The power of four. <b>2015</b> , 7, 277-9	4
1695	Supramolecular ferroelectrics. <b>2015</b> , 7, 281-94	301
1694	A supramolecular two-photon-active hydrogel platform for direct bioconjugation under near-infrared radiation. <b>2015</b> , 3, 1313-1320	8
1693	Photo-induced conversion from supramolecular to covalently linked polymers based on anthracene-appended amphiphiles. <b>2015</b> , 6, 4162-4166	13
1692	Supramolecular block copolymers by kinetically controlled co-self-assembly of planar and core-twisted perylene bisimides. <b>2015</b> , 6, 7009	149
1691	Microphase Separation and Crystallization in H-Bonding End-Functionalized Polyethylenes. <b>2015</b> , 48, 3257-3268	29

1690	DNA-Grafted Supramolecular Polymers: Helical Ribbon Structures Formed by Self-Assembly of Pyrene-DNA Chimeric Oligomers. <b>2015</b> , 54, 7934-8	46
1689	Photoinduced morphological transformations of soft nanotubes. <b>2015</b> , 21, 8832-9	34
1688	Catalysis by Artificial Oligopeptides. <b>2015</b> , 295-324	2
1687	Crystallographic insight-guided nanoarchitectonics and conductivity modulation of an n-type organic semiconductor through peptide conjugation. <b>2015</b> , 51, 8315-8	37
1686	Materials science. Building supermicelles from simple polymers. <i>Science</i> , <b>2015</b> , 347, 1310-1	8
1685	Two-step naked-eye detection of lectin by hierarchical organization of soft nanotubes into liquid crystal and gel phases. <b>2015</b> , 51, 6816-9	17
1684	Incorporating Bacteria as a Living Component in Supramolecular Self-Assembled Monolayers through Dynamic Nanoscale Interactions. <b>2015</b> , 9, 3579-86	45
1683	Sensing Solvents with Ultrasensitive Porous Poly(ionic liquid) Actuators. <b>2015</b> , 27, 2913-7	121
1682	Fabrication of supramolecular semiconductor block copolymers by ring-opening metathesis polymerization. <b>2015</b> , 21, 7151-8	32
1681	Green Processes for Nanotechnology. <b>2015</b> ,	18
1680	Supramolecular Networks of Hyperbranched Poly(ether amine) (hPEA) Nanogel/Chitosan (CS) for the Selective Adsorption and Separation of Guest Molecules. <b>2015</b> , 48, 2022-2029	28
1679	A hydrophobic adsorbent based on hierarchical porous polymers derived from morphologies of a biomineral. <b>2015</b> , 51, 7919-22	19
1678	Development of solvent-free synthesis of hydrogen-bonded supramolecular polyurethanes. <b>2015</b> , 6, 2382-2388	23
1677	Fluorescence responsive conjugated poly(tetraphenylethene) and its morphological transition from micelle to vesicle. <b>2015</b> , 51, 7148-51	32
1676	Self healing hydrogels composed of amyloid nano fibrils for cell culture and stem cell differentiation. <b>2015</b> , 54, 97-105	127
1675	Alignment of nanostructured tripeptide gels by directional ultrasonication. 2015, 51, 8465-8	55
1674	Domino games: Controlling structure and patterns of carbon nanomaterials in 2D & 3D. <b>2015</b> , 10, 593-614	20
1673	Sequence Adaptive Peptide-Polysaccharide Nanostructures by Biocatalytic Self-Assembly. <b>2015</b> , 16, 3473-9	35

1672	Kinetic Analysis as a Tool to Distinguish Pathway Complexity in Molecular Assembly: An Unexpected Outcome of Structures in Competition. <b>2015</b> , 137, 12677-88	71
1671	One-component nanomedicine. <b>2015</b> , 219, 383-395	109
1670	Linear Rheology of Supramolecular Polymers Center-Functionalized with Strong Stickers. <b>2015</b> , 48, 7320-7326	46
1669	Megasupramolecules for safer, cleaner fuel by end association of long telechelic polymers. <i>Science</i> , <b>2015</b> , 350, 72-5	52
1668	Supramolecular Perylene Bisimide-Polysulfide Gel Networks as Nanostructured Redox Mediators in Dissolved Polysulfide LithiumBulfur Batteries. <b>2015</b> , 27, 6765-6770	63
1667	Cross-linked supramolecular polymer metallogels constructed via a self-sorting strategy and their multiple stimulus-response behaviors. <b>2015</b> , 51, 16813-6	54
1666	Correlation between scratch healing and rheological behavior for terpyridine complex based metallopolymers. <b>2015</b> , 3, 22145-22153	66
1665	One-pot synthesis and self-assembly of supramolecular dendritic polymers. <b>2015</b> , 6, 7988-7994	20
1664	Enhancement of Crystallizability and Control of Mechanical and Shape-Memory Properties for Amorphous Enantiopure Supramolecular Copolymers via Stereocomplexation. <b>2015</b> , 48, 7872-7881	39
1663	Dopant-Enabled Supramolecular Approach for Controlled Synthesis of Nanostructured Conductive Polymer Hydrogels. <b>2015</b> , 15, 7736-41	178
1662	Cooperative Self-Assembly Transfer from Hierarchical Supramolecular Polymers to Gold Nanoparticles. <b>2015</b> , 9, 11241-8	7
1661	From ribbons to networks: hierarchical organization of DNA-grafted supramolecular polymers. <b>2015</b> , 137, 14051-4	42
1660	Self-assembled glycopeptide nanofibers as modulators of galectin-1 bioactivity. <b>2015</b> , 8, 471-487	42
1659	Modification of mechanical properties in polymer nanocomposites by the incorporation of specific self-complementary hydrogen bonding interactions. <b>2015</b> , 79, 212-220	8
1658	Structural Control of Bisurea-Based Supramolecular Polymers: Influence of an Ester Moiety. <b>2015</b> , 31, 11443-51	10
1657	General synthesis of inorganic single-walled nanotubes. <b>2015</b> , 6, 8756	48
1656	Photoresponsive Self-Healing Polymer Composite with Photoabsorbing Hybrid Microcapsules. <b>2015</b> , 7, 25546-52	72
1655	Stimuli-responsive supramolecular hydrogels with high extensibility and fast self-healing via precoordinated mussel-inspired chemistry. <b>2015</b> , 27, 7627-7635	119

1654	Supramolecular oligothiophene microfibers spontaneously assembled on surfaces or coassembled with proteins inside live cells. <b>2015</b> , 48, 2230-41	45
1653	Significant Role of Supramolecular Interactions on Conformational Modulation of Flexible Organic Cation Receptors in a Metal-Bis(dithiolate) Coordination Complex Matrix. <b>2015</b> , 15, 4459-4474	5
1652	Heat-induced formation of one-dimensional coordination polymers on Au(111): an STM study. <b>2015</b> , 51, 14473-6	24
1651	Synthesis of a smart Janus-like supramolecular polymer based on the host@uest chemistry and its self-assembly. <b>2015</b> , 3, 17098-17105	10
1650	Helix Sense-Selective Supramolecular Polymerization Seeded by a One-Handed Helical Polymeric Assembly. <b>2015</b> , 137, 13792-5	85
1649	Bio-complementary supramolecular polymers with effective self-healing functionality. <b>2015</b> , 5, 90466-90472	24
1648	Supramolecular Assemblies Responsive to Biomolecules toward Biological Applications. <b>2015</b> , 10, 2026-38	27
1647	Orthogonal Supramolecular Polymer Formation on Highly Oriented Pyrolytic Graphite (HOPG) Surfaces Characterized by Scanning Probe Microscopy. <b>2015</b> , 31, 11525-31	11
1646	Supramolecular assembly of diblock copolymer blends with hydrogen-bonding interactions modeled by Yukawa potentials. <b>2015</b> , 78, 69-80	5
1645	Self-Assembly of Perylene Imide Molecules into 1D Nanostructures: Methods, Morphologies, and Applications. <b>2015</b> , 115, 11967-98	381
1644	Peptide Ælectron Conjugates: Organic Electronics for Biology?. <b>2015</b> , 26, 2290-302	89
1643	Bioinspired Hierarchical Surface Structures with Tunable Wettability for Regulating Bacteria Adhesion. <b>2015</b> , 9, 10664-72	158
1642	Morphology controlled nano-structures of a porphyrin dendrimer complex: Solvent effect on the self-assembly behavior. <b>2015</b> , 61, 149-151	2
1641	Two-dimensional soft supramolecular networks. <b>2015</b> , 51, 17297-300	11
1640	Supramolecular polymeric micelles as high performance electrochemical materials. 2015, 3, 9528-9533	10
1639	Aromatic Gain in a Supramolecular Polymer. <b>2015</b> , 54, 10502-6	45
1638	Modulating the Binding of Polycyclic Aromatic Hydrocarbons Inside a Hexacationic Cage by Anion□ Interactions. <b>2015</b> , 127, 466-471	15
1637	Light driven mesoscale assembly of a coordination polymeric gelator into flowers and stars with distinct properties. <b>2015</b> , 6, 6583-6591	52

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1636	comonomers. <b>2015</b> , 6, 7245-7250	34
1635	Super-gelator formation based on 4,4?-oxybisbenzenamine derivative. <b>2015</b> , 293, 3527-3531	3
1634	Bundle-forming Helical peptide-dendron hybrid. <b>2015</b> , 51, 14314-7	10
1633	Length control of supramolecular polymeric nanofibers based on stacked planar platinum(II) complexes by seeded-growth. <b>2015</b> , 51, 15921-4	111
1632	Supramolecular coordination polymer formed from artificial light-harvesting dendrimer. <b>2015</b> , 137, 12394-9	47
1631	Fluorescent supramolecular polypseudorotaxane architectures with Ru(II)/tri(bipyridine) centers as multifunctional DNA reagents. <b>2015</b> , 51, 16127-30	21
1630	Bypassing the lack of reactivity of -substituted norbornenes with the catalytic rectification-insertion mechanism. <b>2015</b> , 6, 2172-2181	31
1629	Dual-cavity basket promotes encapsulation in water in an allosteric fashion. <b>2015</b> , 137, 12276-81	28
1628	Density functional theory screening of gas-treatment strategies for stabilization of high energy-density lithium metal anodes. <b>2015</b> , 296, 150-161	49
1627	Dynameric asymmetric membranes for directional water transport. <b>2015</b> , 51, 15925-7	43
1626	Celebrating Soft Matter's 10th Anniversary: Approaches to program the time domain of self-assemblies. <b>2015</b> , 11, 7857-66	65
1625	Transient assembly of active materials fueled by a chemical reaction. <i>Science</i> , <b>2015</b> , 349, 1075-9 33.3	482
1624	SELF-ORGANIZATION. Fueling connections between chemistry and biology. <i>Science</i> , <b>2015</b> , 349, 1056-7 33.3	10
1623	The construction of supramolecular polymers through anion bridging: from frustrated hydrogen-bonding networks to well-ordered linear arrays. <b>2015</b> , 6, 7586-7593	9
1622	Drug delivery's quest for polymers: Where are the frontiers?. <b>2015</b> , 97, 293-303	35
1621	Large-scale production of ureido-cytosine based supramolecular polymers with well-controlled hierarchical nanostructures. <b>2015</b> , 5, 76451-76457	21
1620	Three silver (I) supramolecular compounds constructed from pyridinium or methylimidazolium polycations: Synthesis, crystal structure and properties. <b>2015</b> , 127, 1513-1521	6
1619	Geometrically Precise Building Blocks: the Self-Assembly of ₱eptides. <b>2015</b> , 22, 1417-1423	56

1618	Microstructure and Self-Assembly of Supramolecular Polymers Center-Functionalized with Strong Stickers. <b>2015</b> , 48, 8232-8239	22
1617	Supramolecular nanostructures as drug carriers. <b>2015</b> , 7, 75-83	53
1616	Designing biomaterials for tissue engineering based on the deconstruction of the native cellular environment. <b>2015</b> , 141, 198-202	26
1615	Supramolecular thermoplastic elastomer with thermally scratch repairable effect from 3-amino-1,2,4-triazole crosslinked maleated polyethylene-octene elastomer/nylon 12 blends. <b>2015</b> , 132, n/a-n/a	7
1614	Transient supramolecular reconfiguration of peptide nanostructures using ultrasound. <b>2015</b> , 2, 198-202	44
1613	Translation of the assembling trajectory by preorganisation: a study of the magnetic properties of 1D polymeric unpaired electrons immobilised on a discrete nanoscopic scaffold. <b>2015</b> , 51, 1206-9	7
1612	Molecular self-assembly: Searching sequence space. <b>2015</b> , 7, 14-5	21
1611	Hydrogen-bonded supramolecular polyurethanes. <b>2015</b> , 64, 165-173	32
1610	Control over nanostructures and associated mesomorphic properties of doped self-assembled triarylamine liquid crystals. <b>2015</b> , 21, 1938-48	21
1609	Synthesis and self-assembly of poly(ferrocenyldimethylsilane)-block-poly(2-alkyl-2-oxazoline) block copolymers. <b>2015</b> , 6, 1604-1612	10
1608	Organic-Inorganic Hybrid Nanomaterials. 2015,	10
1607	Organic donor-acceptor assemblies form coaxial p-n heterojunctions with high photoconductivity. <b>2015</b> , 54, 946-50	122
1606	Flexible thermoresponsive nanomembranes at the aqueous-air interface. <b>2015</b> , 51, 877-80	3
1605	Tuning the pH-triggered self-assembly of dendritic peptide amphiphiles using fluorinated side chains. <b>2015</b> , 13, 1030-9	26
1604	Ultrafast response humidity sensor using supramolecular nanofibre and its application in monitoring breath humidity and flow. <b>2014</b> , 4, 4103	189
1603	Supramolecular polymers synthesized by thiol@ne click polymerization from supramonomers. <b>2015</b> , 6, 369-372	25
1602	Functional supramolecular polymers for biomedical applications. <b>2015</b> , 27, 498-526	346
1601	Detection of nitroaromatic explosives with fluorescent molecular assemblies and Egels. <b>2015</b> , 15, 252-65	99

1600	Peptide-Induced Hierarchical Long-Range Order and Photocatalytic Activity of Porphyrin Assemblies. <b>2015</b> , 127, 510-515	68
1599	Generic concept to program the time domain of self-assemblies with a self-regulation mechanism. <b>2015</b> , 15, 2213-9	126
1598	Amphiphilic diselenide-containing supramolecular polymers. <b>2015</b> , 6, 681-685	35
1597	Rationally designed supramolecular organogel dual-channel sense Flunder gelgel states via ion-controlled AIE. <b>2015</b> , 113, 748-753	23
1596	Biphen[]arenes. <b>2015</b> , 6, 197-202	171
1595	pH response and molecular recognition in a low molecular weight peptide hydrogel. <b>2015</b> , 13, 561-9	29
1594	Self-Assembled Peptide Nanostructures for Regenerative Medicine and Biology. <b>2015</b> , 63-90	3
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1243	A Carbon Dioxide Bubble-Induced Vortex Triggers Co-Assembly of Nanotubes with Controlled Chirality. <b>2017</b> , 129, 8303-8307	1
1242	A Carbon Dioxide Bubble-Induced Vortex Triggers Co-Assembly of Nanotubes with Controlled Chirality. <b>2017</b> , 56, 8191-8195	7
1241	Supramolecular Interfacial Polymerization: A Controllable Method of Fabricating Supramolecular Polymeric Materials. <b>2017</b> , 56, 7639-7643	76

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1239	Supramolecular Interfacial Polymerization: A Controllable Method of Fabricating Supramolecular Polymeric Materials. <b>2017</b> , 129, 7747-7751	19
1238	Solvent Geometry Regulated Cooperative Supramolecular Polymerization. 2017, 23, 10536-10542	25
1237	Supramolecular Copolymers: Structure and Composition Revealed by Theoretical Modeling. <b>2017</b> , 139, 7036-7044	45
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1235	Light-induced unfolding and refolding of supramolecular polymer nanofibres. <b>2017</b> , 8, 15254	87
1234	Time-evolved, far-red, circularly polarised luminescent polymer aggregates endowed with sacrificial helical SiBi bond polymers. <b>2017</b> , 1, 1773-1785	18
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1232	Selective vesicle aggregation achieved via the self-assembly of terpyridine-based building blocks. <b>2017</b> , 13, 3847-3852	3
1231	Handbook of Telechelic Polyesters, Polycarbonates, and Polyethers. 2017,	4
1230	Switchable luminescence and morphology through acid-base vapor annealing in organic materials. <b>2017</b> , 228, 52-57	3
1229	Self-Assembly of Conjugated Metallopolymers with Tunable Length and Controlled Regiochemistry. <b>2017</b> , 56, 7541-7545	27
1228	Electropolymerization of hydrogen bond supramolecular associations between terthiophene-3-acetic acid and 4,4?-bipyridine. <b>2017</b> , 66, 1389-1394	1
1227	Self-Assembly of Conjugated Metallopolymers with Tunable Length and Controlled Regiochemistry. <b>2017</b> , 129, 7649-7653	7
1226	Dynamic supramolecular self-assembly: hydrogen bonding-induced contraction and extension of functional polymers. <b>2017</b> , 8, 3294-3299	27
1225	50th Anniversary Perspective: Functional Nanoparticles from the Solution Self-Assembly of Block Copolymers. <b>2017</b> , 50, 3439-3463	221
1224	Water-induced helical supramolecular polymerization and gel formation of an alkylene-tethered perylene bisimide dyad. <b>2016</b> , 53, 168-171	23

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1221	Co-existence of Distinct Supramolecular Assemblies in Solution and in the Solid State. <b>2017</b> , 23, 2315-2322	2	20
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1217	Switching between Phosphorescence and Fluorescence Controlled by Chiral Self-Assembly. <b>2017</b> , 4, 17000	021	23
1216	Temporal Control over Transient Chemical Systems using Structurally Diverse Chemical Fuels. <b>2017</b> , 23, 11549-11559		24
1215	Water Dynamics from the Surface to the Interior of a Supramolecular Nanostructure. <b>2017</b> , 139, 8915-892	1	43
1214	Solid surface vs. liquid surface: nanoarchitectonics, molecular machines, and DNA origami. <b>2017</b> , 19, 23658	3-23	6 <b>₹</b> \$
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<b>121</b> 0	Reversible end-to-end assembly and disassembly of gold nanorods based on pH-responsive host-guest interaction. <b>2017</b> , 145, 385-390		10
1209	Programmable Assembly of Peptide Amphiphile via Noncovalent-to-Covalent Bond Conversion. <b>2017</b> , 139, 8995-9000		56
1208	Tuning Supramolecular Structure and Functions of Peptide bola-Amphiphile by Solvent Evaporation-Dissolution. <b>2017</b> , 9, 21390-21396		24
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1206	Polymeric peptide pigments with sequence-encoded properties. <i>Science</i> , <b>2017</b> , 356, 1064-1068	3.3	182
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1198	H-bonding Assisted Self-Assembled One-Dimensional Nanotubes of Redox Active Triphenylamine-Benzothiadiazole Derivative. <b>2017</b> , 2, 4320-4324	2
1197	Hydrogen bonding halogen bonding: the solvent decides. <b>2017</b> , 8, 5392-5398	116
1196	Molecular dynamics simulation of the nanofibrils formed by amyloid-based peptide amphiphiles. <b>2017</b> , 43, 1227-1239	3
1195	Thermophysical characterization of a reversible dynamic polymer network based on kinetics and equilibrium of an amorphous furan-maleimide Diels-Alder cycloaddition. <b>2017</b> , 120, 176-188	35
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1191	Diverse Supramolecular Nanofiber Networks Assembled by Functional Low-Complexity Domains. <b>2017</b> , 11, 6985-6995	30
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1188	A Two-Tailed Phosphopeptide Crystallizes to Form a Lamellar Structure. <b>2017</b> , 129, 3300-3303	
1187	Self-Assembled Carbon Dot Nanosphere: A Robust, Near-Infrared Light-Responsive, and Vein Injectable Photosensitizer. <b>2017</b> , 6, 1601419	34

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1180	Supramolecular Materials Cross-Linked by Host@uest Inclusion Complexes: The Effect of Side Chain Molecules on Mechanical Properties. <b>2017</b> , 50, 3254-3261	66
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1156	Nontraditional Gelators Based on #minoenolate and Their Difluoroboron Complexes: Effect of Halogens on Gelation and Their Fluorescent Sensory Properties Towards Acids. <b>2017</b> , 23, 1901-1909	34
1155	Helical Self-Assembly-Induced Singlet-Triplet Emissive Switching in a Mechanically Sensitive System. <b>2017</b> , 139, 785-791	107
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1152	Versatile Self-Adapting Boronic Acids for H-Bond Recognition: From Discrete to Polymeric Supramolecules. <b>2017</b> , 139, 2710-2727	32
1151	Unexpected right-handed helical nanostructures co-assembled from l-phenylalanine derivatives and achiral bipyridines. <b>2017</b> , 8, 1769-1775	49

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1139	Melt dynamics of supramolecular comb polymers: Viscoelastic and dielectric response. <b>2017</b> , 61, 1185-1196	14
1138	Carboxylic Acid Ionic Modification of Castor-Oil-Based Polyurethanes Bearing Amine Groups: Chemically Tunable Physical Properties and Recyclability. <b>2017</b> , 218, 1700379	4
1137	Supramolecular Flower-Like Microarchitectures Self-Assembly from Naphthalenediimide Amphiphile Bearing Melamine Functionality. <b>2017</b> , 2, 10118-10122	4
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1108	Drug delivery by supramolecular design. <b>2017</b> , 46, 6600-6620	366
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1086	A combined electro- and photo-chemical approach to repeatedly fabricate two-dimensional molecular assemblies. <b>2017</b> , 246, 823-829	
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1083	A triaxial supramolecular weave. <b>2017</b> , 9, 1068-1072	49
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886	Painting Supramolecular Polymers in Organic Solvents by Super-resolution Microscopy. <b>2018</b> , 12, 4431-4439	26
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884	Enzyme-Instructed Self-assembly of Small Peptides In Vivo for Biomedical Application. <b>2018</b> , 89-114	1
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882	Amino-acid-encoded biocatalytic self-assembly enables the formation of transient conducting nanostructures. <b>2018</b> , 10, 696-703	133
881	Multiple-Stimuli Responsive and Tunable Luminescent Supramolecular Assembly by Oligo(p-phenylvinylene) and Surfactant. <b>2018</b> , 36, 526-530	5

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880	Self-assembly of fluorinated gradient copolymer in three-dimensional co-flow focusing microfluidic. <b>2018</b> , 526, 75-82	8
879	Supramolecular Loop Stitches of Discrete Block Molecules on Graphite: Tunable Hydrophobicity by Naphthalenediimide End-Capped Oligodimethylsiloxane. <b>2018</b> , 30, 3372-3378	12
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877	Redox-stimuli-responsive drug delivery systems with supramolecular ferrocenyl-containing polymers for controlled release. <b>2018</b> , 364, 51-85	84
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874	Cyclic peptide-poly(HPMA) nanotubes as drug delivery vectors: In vitro assessment, pharmacokinetics and biodistribution. <b>2018</b> , 178, 570-582	34
873	Hydrogen-Bonding-Driven 3D Supramolecular Assembly of Peptidomimetic Zipper. <b>2018</b> , 140, 5661-5665	39
872	Quadruple H-Bonding Cross-Linked Supramolecular Polymeric Materials as Substrates for Stretchable, Antitearing, and Self-Healable Thin Film Electrodes. <b>2018</b> , 140, 5280-5289	312
871	Resistive and Capacitive ERay Dosimeters Based On Triggered Depolymerization in Carbon Nanotube Composites. <b>2018</b> , 3, 976-983	12
870	Pillar[5]arene-based multifunctional supramolecular hydrogel: multistimuli responsiveness, self-healing, fluorescence sensing, and conductivity. <b>2018</b> , 2, 999-1003	46
869	Engineering antimicrobial coating of archaeal poly-Eglutamate-based materials using non-covalent crosslinkages. <b>2018</b> , 8, 4645	3
868	Hydrogen bonding and thermoplastic elastomers - a nice couple with temperature-adjustable mechanical properties. <b>2018</b> , 14, 2701-2711	19
867	From self-assembled peptide-ynes to peptide polyacetylenes and polydiacetylenes. <b>2018</b> , 110, e24036	2
866	Thermoresponsive PEG-Coated Nanotubes as Chiral Selectors of Amino Acids and Peptides. <b>2018</b> , 14, e1800030	16
865	Squaramide-Based Supramolecular Materials for Three-Dimensional Cell Culture of Human Induced Pluripotent Stem Cells and Their Derivatives. <b>2018</b> , 19, 1091-1099	24
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858	Reversible Self-Assembly of Water-Soluble Gold(I) Complexes. 2018, 57, 1017-1028	21
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852	Selective Coassembly of Aromatic Amino Acids to Fabricate Hydrogels with Light Irradiation-Induced Emission for Fluorescent Imprint. <b>2018</b> , 30, 1705633	48
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849	Controlling Spatiotemporal Mechanics of Supramolecular Hydrogel Networks with Highly Branched Cucurbit[8]uril Polyrotaxanes. <b>2018</b> , 28, 1702994	41
848	Protein-mimetic peptide nanofibers: Motif design, self-assembly synthesis, and sequence-specific biomedical applications. <b>2018</b> , 80, 94-124	106
847	Self-Assembly of Functionalized Oligothiophene into Hygroscopic Fibers: Fabrication of Highly Sensitive and Fast Humidity Sensors. <b>2018</b> , 4, 1700382	9
846	Conducting nanofibres of solvatofluorochromic cyclohexanetrione-dithiolylidene-based C symmetric molecule. <b>2018</b> , 54, 212-215	2
845	Environment-Adaptive Coassembly/Self-Sorting and Stimulus-Responsiveness Transfer Based on Cholesterol Building Blocks. <b>2018</b> , 5, 1700552	40

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843	Supramolecular polymeric biomaterials. <b>2017</b> , 6, 10-37	97
842	Injectable network biomaterials via molecular or colloidal self-assembly. <b>2018</b> , 127, 185-207	48
841	Programmed coherent coupling in a synthetic DNA-based excitonic circuit. <b>2018</b> , 17, 159-166	73
840	Controlling the Functional Properties of Oligothiophene Crystalline Nano/Microfibers via Tailoring of the Self-Assembling Molecular Precursors. <b>2018</b> , 28, 1801946	17
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835	Anisotropic hygro-expansion in hydrogel fibers owing to uniting 3D electrowriting and supramolecular polymer assembly. <b>2020</b> , 141, 110099	9
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831	Scalable Topochemical Synthesis of a Pseudoprotein in Aerogel for Water-Capturing Applications. <b>2020</b> , 2, 4985-4992	5
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829	Supramolecular Chiral Aggregates Exhibiting Nonlinear CD-ee Dependence. <b>2020</b> , 32, e1905667	17
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827	Linking interfacial work of deformation from deconvoluted macro-rheological spectrum to early stage healing in selected polyurethanes. <b>2020</b> , 22, 21750-21760	3

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825	Anchoring Supramolecular Polymers to Human Red Blood Cells by Combining Dynamic Covalent and Non-Covalent Chemistries. <b>2020</b> , 132, 17382-17386	2
824	Dynamic Hydrogels Based on Double Imine Connections and Application for Delivery of Fluorouracil. <b>2020</b> , 8, 739	5
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815	Multivalent Assembly of Flexible Polymer Chains into Supramolecular Nanofibers. <b>2020</b> , 142, 16814-16824	14
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804	Defects and defect engineering in Soft Matter. <b>2020</b> , 16, 10809-10859	18
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792	Dynamic Assemblies of Molecular Motor Amphiphiles Control Macroscopic Foam Properties. <b>2020</b> , 142, 10163-10172	15
791	Imaging Supramolecular Morphogenesis with Confocal Laser Scanning Microscopy at Elevated Temperatures. <b>2020</b> , 20, 4234-4241	4

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771	Self-Immolative Polyurethane-Based Nanoassemblies: Surface Charge Modulation at Tumor-Relevant pH and Redox-Responsive Guest Release. <b>2020</b> , 36, 8282-8289	4
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749	Formation and Modulation of Nanotubular Assemblies of Oligourea Foldamers in Aqueous Conditions using Alcohol Additives. <b>2020</b> , 85, 2243-2250	3
748	Chirogenesis and Pfeiffer Effect in Optically Inactive Eu and Tb Tris(社ketonate) Upon Intermolecular Chirality Transfer From Poly- and Monosaccharide Alkyl Esters and 中inene: Emerging Circularly Polarized Luminescence (CPL) and Circular Dichroism (CD). <b>2020</b> , 8, 685	7
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742	Construction of Supramolecular Polymers Based on Host-Guest Recognition 2020, 38, 1473-1479	10
741	The Solvent Effect on Weak Interactions in Supramolecular Polymers: Differences between Small Molecular Probes and Supramolecular Polymers. <b>2020</b> , 85, 1542-1548	6
740	Self-Healing Thermoplastic Polyurethane Linked via Host-Guest Interactions. <b>2020</b> , 12,	17
739	Anchoring Supramolecular Polymers to Human Red Blood Cells by Combining Dynamic Covalent and Non-Covalent Chemistries. <b>2020</b> , 59, 17229-17233	1
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735	Spherical Supramolecular Structures Constructed via Chemically Symmetric Perylene Bisimides: Beyond Columnar Assembly. <b>2020</b> , 59, 18563-18571	14
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732	Co-assembly of functionalized donor-acceptor molecules within block copolymer microdomains via the supramolecular assembly approach with an improved charge carrier mobility. <b>2020</b> , 16, 7312-7322	
731	Supramolecular Polymers Iwe've Come Full Circle. <b>2020</b> , 60, 33-47	68
730	Merging Macromolecular and Supramolecular Chemistry into Bioinspired Synthesis of Complex Systems. <b>2020</b> , 60, 48-66	23
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725	Devising Synthetic Reaction Cycles for Dissipative Nonequilibrium Self-Assembly. <b>2020</b> , 32, e1906834	51
724	Existence of untypical halogen-involving interactions in crystal packings: a statistical and first-principles study. <b>2020</b> , 22, 2756-2765	7
723	The role of critical micellization concentration in efficacy and toxicity of supramolecular polymers. <b>2020</b> , 117, 4518-4526	31
722	Supramolecular Polymerization and Functions of Isoxazole Ring Monomers. <b>2020</b> , 49, 574-584	11
721	Hierarchical Self-assembly of Well-Defined Louver-Like P-Doped Carbon Nitride Nanowire Arrays with Highly Efficient Hydrogen Evolution. <b>2020</b> , 12, 52	24
720	Diketopyrrolopyrrole-based functional supramolecular polymers: next-generation materials for optoelectronic applications. <b>2020</b> , 16, 100242	23
719	Grenzfldhenpolymerisation: Von der Chemie zu funktionellen Materialien. <b>2020</b> , 132, 22024-22041	2

718	Interfacial Polymerization: From Chemistry to Functional Materials. <b>2020</b> , 59, 21840-21856	64
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349	Hydrophobic immiscibility controls self-sorting or co-assembly of peptide amphiphiles 2021,	O
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325	Recent Advances in High-strength and High-toughness Polyurethanes Based on Supramolecular Interactions.	3
324	Spherical Particle Formation that Deteriorates Thixotropic Property and its Suppression Strategy for Diamide-Based Additives having Two-Hydrocarbons <b>2022</b> , 71, 505-514	O
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322	Photo-responsive hole formation in the monolayer membrane wall of a supramolecular nanotube for quick recovery of encapsulated protein.	O
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316	Molecular Understanding of Viscoelasticity in Transient Polymer Networks Based on Multiple Methods. <b>2022</b> , 50, 51-56	O
315	Lanthanide luminescence from supramolecular hydrogels consisting of bio-conjugated picolinic-acid-based guanosine quadruplexes. <b>2022</b> ,	2
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305	Supramolecular Copolymers of Peptides and Lipidated Peptides and Their Therapeutic Potential <b>2022</b> , 144, 5562-5574	O

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