

Eunji Lee

List of Publications by Year in descending order

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170
papers

7,287
citations

57752
44
h-index

66906
78
g-index

186
all docs

186
docs citations

186
times ranked

9675
citing authors

#	ARTICLE	IF	CITATIONS
1	High-water-content mouldable hydrogels by mixing clay and a dendritic molecular binder. <i>Nature</i> , 2010, 463, 339-343.	27.8	1,446
2	Hierarchical Helical Assembly of Conjugated Poly(3-hexylthiophene)- <i>block</i> -poly(3-triethylene) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 5	13.7	207
3	Mitochondria localization induced self-assembly of peptide amphiphiles for cellular dysfunction. <i>Nature Communications</i> , 2017, 8, 26.	12.8	177
4	Nanorings from the Self-Assembly of Amphiphilic Molecular Dumbbells. <i>Journal of the American Chemical Society</i> , 2006, 128, 14022-14023.	13.7	124
5	Dynamic Extension~Contraction Motion in Supramolecular Springs. <i>Journal of the American Chemical Society</i> , 2007, 129, 10994-10995.	13.7	122
6	Reversible Scrolling of Two~Dimensional Sheets from the Self~Assembly of Laterally Grafted Amphiphilic Rods. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 3657-3660.	13.8	122
7	Enhanced thermoelectric performance of PEDOT:PSS/PANI~CSA polymer multilayer structures. <i>Energy and Environmental Science</i> , 2016, 9, 2806-2811.	30.8	121
8	Carbohydrate-Coated Supramolecular Structures:~Transformation of Nanofibers into Spherical Micelles Triggered by Guest Encapsulation. <i>Journal of the American Chemical Society</i> , 2007, 129, 4808-4814.	13.7	117
9	Supramolecular Capsules with Gated Pores from an Amphiphilic Rod Assembly. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4662-4666.	13.8	117
10	Tubular Organization with Coiled Ribbon from Amphiphilic Rigid~Flexible Macrocyclic. <i>Journal of the American Chemical Society</i> , 2006, 128, 3484-3485.	13.7	111
11	Self~Assembly of T~Shaped Aromatic Amphiphiles into Stimulus~Responsive Nanofibers. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 6807-6810.	13.8	110
12	Syringeable immunotherapeutic nanogel reshapes tumor microenvironment and prevents tumor metastasis and recurrence. <i>Nature Communications</i> , 2019, 10, 3745.	12.8	108
13	Responsive nematic gels from the self-assembly of aqueous nanofibres. <i>Nature Communications</i> , 2011, 2, 459.	12.8	105
14	Cell-Penetrating-Peptide-Coated Nanoribbons for Intracellular Nanocarriers. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 3475-3478.	13.8	100
15	Self-Assembling Molecular Dumbbells: From Nanohelices to Nanocapsules Triggered by Guest Intercalation. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 5304-5307.	13.8	99
16	One-Pot in Situ Fabrication of Stable Nanocaterpillars Directly from Polyacetylene Diblock Copolymers Synthesized by Mild Ring-Opening Metathesis Polymerization. <i>Journal of the American Chemical Society</i> , 2012, 134, 14291-14294.	13.7	99
17	MFN1 deacetylation activates adaptive mitochondrial fusion and protects metabolically challenged mitochondria. <i>Journal of Cell Science</i> , 2014, 127, 4954-63.	2.0	91
18	Filamentous Artificial Virus from a Self~Assembled Discrete Nanoribbon. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4525-4528.	13.8	85

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19	Controlled Bioactive Nanostructures from Self-Assembly of Peptide Building Blocks. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 9011-9014.	13.8	84
20	Triphenylphosphonium-Conjugated Poly(ϵ -caprolactone)-Based Self-Assembled Nanostructures as Nanosized Drugs and Drug Delivery Carriers for Mitochondria-Targeting Synergistic Anticancer Drug Delivery. <i>Advanced Functional Materials</i> , 2015, 25, 5479-5491.	14.9	84
21	Tubular Stacking of Water-Soluble Toroids Triggered by Guest Encapsulation. <i>Journal of the American Chemical Society</i> , 2009, 131, 18242-18243.	13.7	82
22	Tuning Innate Immune Activation by Surface Texturing of Polymer Microparticles: The Role of Shape in Inflammasome Activation. <i>Journal of Immunology</i> , 2013, 190, 3525-3532.	0.8	79
23	Reversible Transformation of Helical Coils and Straight Rods in Cylindrical Assembly of Elliptical Macrocycles. <i>Journal of the American Chemical Society</i> , 2009, 131, 17768-17770.	13.7	78
24	Controlled Self-Assembly of Asymmetric Dumbbell-Shaped Rod Amphiphiles: Transition from Toroids to Planar Nets. <i>Macromolecules</i> , 2007, 40, 8355-8360.	4.8	77
25	Precise Control of Quantum Dot Location within the P3HT-P2VP/QD Nanowires Formed by Crystallization-Driven 1D Growth of Hybrid Dimeric Seeds. <i>Journal of the American Chemical Society</i> , 2014, 136, 2767-2774.	13.7	76
26	Nanostar and Nanonetwork Crystals Fabricated by in Situ Nanoparticlization of Fully Conjugated Polythiophene Diblock Copolymers. <i>Journal of the American Chemical Society</i> , 2013, 135, 17695-17698.	13.7	75
27	Heterochiral Assembly of Amphiphilic Peptides Inside the Mitochondria for Supramolecular Cancer Therapeutics. <i>ACS Nano</i> , 2019, 13, 11022-11033.	14.6	69
28	Glycoconjugate Nanoribbons from the Self-Assembly of Carbohydrate-Peptide Block Molecules for Controllable Bacterial Cell Cluster Formation. <i>Biomacromolecules</i> , 2007, 8, 1404-1408.	5.4	66
29	Morphological and Structural Evolutions of Metal-Organic Framework Particles from Amorphous Spheres to Crystalline Hexagonal Rods. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 10564-10568.	13.8	65
30	Lateral Association of Cylindrical Nanofibers into Flat Ribbons Triggered by Molecular Glue. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 6375-6378.	13.8	64
31	Multifaceted Immunomodulatory Nanoliposomes: Reshaping Tumors into Vaccines for Enhanced Cancer Immunotherapy. <i>Advanced Functional Materials</i> , 2017, 27, 1605398.	14.9	64
32	Polymer Self-Assembly into Unique Fractal Nanostructures in Solution by a One-Shot Synthetic Procedure. <i>Journal of the American Chemical Society</i> , 2018, 140, 475-482.	13.7	63
33	Supramolecular Coordination Polymer Formed from Artificial Light-Harvesting Dendrimer. <i>Journal of the American Chemical Society</i> , 2015, 137, 12394-12399.	13.7	62
34	Electric-Field-Assisted Assembly of Polymer-Tethered Gold Nanorods in Cylindrical Nanopores. <i>ACS Nano</i> , 2016, 10, 4954-4960.	14.6	61
35	Two-Dimensional Assembly of Rod Amphiphiles into Planar Networks. <i>Journal of the American Chemical Society</i> , 2007, 129, 6082-6083.	13.7	60
36	Solid-State Scrolls from Hierarchical Self-Assembly of T-Shaped Rod-Coil Molecules. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 1664-1668.	13.8	59

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37	Conjugated Polymer Dots-on-Electrospun Fibers as a Fluorescent Nanofibrous Sensor for Nerve Gas Stimulant. ACS Applied Materials & Interfaces, 2014, 6, 22884-22893.	8.0	58
38	Amphiphilic poly(ethylene glycol)-poly(μ -caprolactone) AB ₂ miktoarm copolymers for self-assembled nanocarrier systems: synthesis, characterization, and effects of morphology on antitumor activity. Polymer Chemistry, 2015, 6, 531-542.	3.9	57
39	Self-assembly of a peptide rod-coil: a polyproline rod and a cell-penetrating peptide Tat coil. Chemical Communications, 2008, , 1892.	4.1	56
40	Templated synthesis of cubic crystalline single networks having large open-space lattices by polymer cubosomes. Nature Communications, 2018, 9, 5327.	12.8	49
41	Feasible tuning of barrier energy in PEDOT:PSS/Bi ₂ Te ₃ nanowires-based thermoelectric nanocomposite thin films through polar solvent vapor annealing. Nano Energy, 2020, 67, 104207.	16.0	48
42	Rigid-Flexible Block Molecules Based on a Laterally Extended Aromatic Segment: Hierarchical Assembly into Single Fibers, Flat Ribbons, and Twisted Ribbons. Chemistry - A European Journal, 2008, 14, 6957-6966.	3.3	47
43	Shape-Directed Assembly of a Macromolecular Barbiturate into Nanofibers: Stereospecific Cyclopolymerization of Isopropylidene Diallylmalonate. Journal of the American Chemical Society, 2010, 132, 3292-3294.	13.7	44
44	Ion-Induced Bicontinuous Cubic and Columnar Liquid-Crystalline Assemblies of Discotic Block Codendrimers. Chemistry - A European Journal, 2010, 16, 9006-9009.	3.3	39
45	Bioreducible Poly(ethylene glycol)-Triphenylphosphonium Conjugate as a Bioactivable Mitochondria-Targeting Nanocarrier. Biomacromolecules, 2017, 18, 1074-1085.	5.4	38
46	Nanofibers with Tunable Stiffness from Self-Assembly of an Amphiphilic Wedge-Coil Molecule. Angewandte Chemie - International Edition, 2006, 45, 7195-7198.	13.8	37
47	Stepwise Drug-Release Behavior of Onion-Like Vesicles Generated from Emulsification-Induced Assembly of Semicrystalline Polymer Amphiphiles. Advanced Functional Materials, 2015, 25, 4570-4579.	14.9	37
48	Tunable Bacterial Agglutination and Motility Inhibition by Self-Assembled Glyco-Nanoribbons. Chemistry - an Asian Journal, 2007, 2, 1363-1369.	3.3	36
49	Folding of Coordination Polymers into Double-Stranded Helical Organization. Chemistry - A European Journal, 2008, 14, 3883-3888.	3.3	35
50	Gene delivery of PAMAM dendrimer conjugated with the nuclear localization signal peptide originated from fibroblast growth factor 3. International Journal of Pharmaceutics, 2014, 459, 10-18.	5.2	35
51	Solvent-Assisted Organized Structures Based on Amphiphilic Anion-Responsive π -Conjugated Systems. Chemistry - A European Journal, 2009, 15, 3706-3719.	3.3	34
52	Nanoparticle-Stabilized Double Emulsions and Compressed Droplets. Angewandte Chemie - International Edition, 2012, 51, 145-149.	13.8	34
53	Supramolecular Helical Columns from the Self-Assembly of Chiral Rods. Chemistry - A European Journal, 2008, 14, 871-881.	3.3	31
54	One-Dimensional Supramolecular Nanoplatforms for Theranostics Based on Co-Assembly of Peptide Amphiphiles. Biomacromolecules, 2016, 17, 3234-3243.	5.4	31

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55	Structure-Property Relationships of Semiconducting Polymers for Flexible and Durable Polymer Field-Effect Transistors. ACS Applied Materials & Interfaces, 2017, 9, 40503-40515.	8.0	31
56	Aqueous nanofibers with switchable chirality formed of self-assembled dumbbell-shaped rod amphiphiles. Chemical Communications, 2009, , 6819.	4.1	30
57	Activated carbon aerogel as electrode material for coin-type EDLC cell in organic electrolyte. Current Applied Physics, 2014, 14, 603-607.	2.4	30
58	The HA-incorporated nanostructure of a peptide-drug amphiphile for targeted anticancer drug delivery. Chemical Communications, 2016, 52, 5637-5640.	4.1	30
59	Geomimetic Hydrothermal Synthesis of Polyimide-Based Covalent Organic Frameworks. Angewandte Chemie - International Edition, 2022, 61, .	13.8	30
60	Channel Structures from Self-Assembled Hexameric Macrocycles in Laterally Grafted Bent Rod Molecules. Journal of the American Chemical Society, 2009, 131, 17371-17375.	13.7	29
61	Cyclic Peptide Facial Amphiphile Preprogrammed to Self-Assemble into Bioactive Peptide Capsules. Chemistry - A European Journal, 2010, 16, 5305-5309.	3.3	29
62	Interfacial Crystallization-Driven Assembly of Conjugated Polymers/Quantum Dots into Coaxial Hybrid Nanowires: Elucidation of Conjugated Polymer Arrangements by Electron Tomography. Advanced Functional Materials, 2016, 26, 3226-3235.	14.9	28
63	Nanofibers from self-assembly of an aromatic facial amphiphile with oligo(ethylene oxide) dendrons. Chemical Communications, 2007, , 1801.	4.1	27
64	A cyclic RGD-coated peptide nanoribbon as a selective intracellular nanocarrier. Organic and Biomolecular Chemistry, 2008, 6, 1944.	2.8	27
65	The Improvement of Skin Whitening of Phenylethyl Resorcinol by Nanostructured Lipid Carriers. Nanomaterials, 2017, 7, 241.	4.1	27
66	Impact of symmetry-breaking of non-fullerene acceptors for efficient and stable organic solar cells. Chemical Science, 2021, 12, 14083-14097.	7.4	27
67	Reduction of graphene oxide/alginate composite hydrogels for enhanced adsorption of hydrophobic compounds. Nanotechnology, 2015, 26, 405602.	2.6	26
68	Porous hydrogel containing Prussian blue nanoparticles for effective cesium ion adsorption in aqueous media. Journal of Industrial and Engineering Chemistry, 2018, 60, 465-474.	5.8	26
69	Toroidal Nanostructures from Self-Assembly of Block Copolypeptides Based on Poly(L-Arginine) and β -Sheet Peptide. Macromolecular Rapid Communications, 2011, 32, 191-196.	3.9	25
70	One-Pot Preparation of 3D Nano- and Microaggregates via In Situ Nanoparticlization of Polyacetylene Diblock Copolymers Produced by ROMP. Macromolecular Rapid Communications, 2015, 36, 1069-1074.	3.9	25
71	Characterization and organic electric-double-layer-capacitor application of KOH activated coal-tar-pitch-based carbons: Effect of carbonization temperature. Journal of Physics and Chemistry of Solids, 2015, 87, 72-79.	4.0	25
72	Simple Solvent Engineering for High-Mobility and Thermally Robust Conjugated Polymer Nanowire Field-Effect Transistors. ACS Applied Materials & Interfaces, 2018, 10, 29824-29830.	8.0	25

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73	Complex Thermal and Bulk Assembling Properties of Dendritic~Linear~Dendritic Triblock Copolymers Depending on the Length of the Middle Block. <i>Macromolecules</i> , 2009, 42, 4134-4140.	4.8	24
74	Graphene Oxide Nanosheet Wrapped White-Emissive Conjugated Polymer Nanoparticles. <i>ACS Nano</i> , 2014, 8, 4248-4256.	14.6	23
75	Nanographene oxide as a switch for CW/pulsed NIR laser triggered drug release from liposomes. <i>Materials Science and Engineering C</i> , 2018, 82, 19-24.	7.3	23
76	Supramolecular Carbon Monoxide~Releasing Peptide Hydrogel Patch. <i>Advanced Functional Materials</i> , 2018, 28, 1803051.	14.9	23
77	Surface Modification of Citrate-Capped Gold Nanoparticles Using CTAB Micelles. <i>Bulletin of the Korean Chemical Society</i> , 2014, 35, 2567-2569.	1.9	23
78	Molecular Reorganization of Paired Assemblies of T-Shaped Rod~Coil Amphiphilic Molecule at the Air~Water Interface. <i>Langmuir</i> , 2008, 24, 3930-3936.	3.5	22
79	Stepped Strips from Self-Organization of Oligo(p-phenylene) Rods with Lateral Dendritic Chains. <i>Journal of the American Chemical Society</i> , 2008, 130, 14448-14449.	13.7	22
80	~Drop-on-textile~patternable aqueous PEDOT composite ink providing highly stretchable and wash-resistant electrodes for electronic textiles. <i>Dyes and Pigments</i> , 2018, 155, 150-158.	3.7	22
81	Micellar and vesicular nanoassemblies of triazole-based amphiphilic probes triggered by mercury(ii) ions in a 100% aqueous medium. <i>Chemical Communications</i> , 2014, 50, 14006-14009.	4.1	21
82	Centro-Apical Self-Organization of Organic Semiconductors in a Line-Printed Organic Semiconductor: Polymer Blend for One-Step Printing Fabrication of Organic Field-Effect Transistors. <i>Scientific Reports</i> , 2015, 5, 14010.	3.3	21
83	The power of the ring: a pH-responsive hydrophobic epoxide monomer for superior micelle stability. <i>Polymer Chemistry</i> , 2017, 8, 7119-7132.	3.9	21
84	High-efficiency non-halogenated solvent processable polymer/PCBM solar cells <i>via</i> fluorination-enabled optimized nanoscale morphology. <i>Journal of Materials Chemistry A</i> , 2019, 7, 24992-25002.	10.3	21
85	An Extraordinary Cylinder-to-Cylinder Transition in the Aqueous Assemblies of Fluorescently Labeled Rod~Coil Amphiphiles. <i>Journal of the American Chemical Society</i> , 2008, 130, 13858-13859.	13.7	20
86	Hydrophilic Matrix~Assisted Ionic Transportation in the Columnar Assembly of Amphiphilic Dendron~Coils. <i>Chemistry - A European Journal</i> , 2009, 15, 8683-8686.	3.3	20
87	A Nonchlorinated Solvent-Processable Fluorinated Planar Conjugated Polymer for Flexible Field-Effect Transistors. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 28817-28827.	8.0	20
88	Effect of Ionic Group on the Complex Coacervate Core Micelle Structure. <i>Polymers</i> , 2019, 11, 455.	4.5	20
89	Alkyl side-chain dependent self-organization of small molecule and its application in high-performance organic and perovskite solar cells. <i>Nano Energy</i> , 2020, 72, 104708.	16.0	20
90	Bioactive molecular sheets from self-assembly of polymerizable peptides. <i>Chemical Communications</i> , 2008, , 4001.	4.1	19

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91	Three-dimensional analysis of abnormal ultrastructural alteration in mitochondria of hippocampus of APP/PSEN1 transgenic mouse. <i>Journal of Biosciences</i> , 2014, 39, 97-105.	1.1	19
92	Raspberry-like poly(γ -glutamic acid) hydrogel particles for pH-dependent cell membrane passage and controlled cytosolic delivery of antitumor drugs. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 5621-5632.	6.7	19
93	Interconversion of Planar Networks and Vesicles Triggered by Temperature. <i>Macromolecular Rapid Communications</i> , 2010, 31, 975-979.	3.9	18
94	Solution self-assembly of poly(3-hexylthiophene)- <i>b</i> -poly(lactide) brush copolymers: impact of side chain arrangement. <i>Polymer Chemistry</i> , 2018, 9, 3279-3286.	3.9	18
95	3D confined assembly of polymer-tethered gold nanoparticles into size-segregated structures. <i>Materials Chemistry Frontiers</i> , 2019, 3, 209-215.	5.9	18
96	Tunable Columnar Organization by Twisted Stacking of End-Capped Aromatic Rods. <i>Chemistry of Materials</i> , 2007, 19, 6569-6574.	6.7	17
97	Structure-Dependent Antimicrobial Theranostic Functions of Self-Assembled Short Peptide Nanoagents. <i>Biomacromolecules</i> , 2017, 18, 3600-3610.	5.4	17
98	Ferroelectric-mediated filamentary resistive switching in P(VDF-TrFE)/ZnO nanocomposite films. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 16176-16183.	2.8	17
99	A "Light-up" 1D supramolecular nanoprobe for silver ions based on assembly of pyrene-labeled peptide amphiphiles: cell-imaging and antimicrobial activity. <i>Journal of Materials Chemistry B</i> , 2014, 2, 6478-6486.	5.8	16
100	Water-supported organized structures based on wedge-shaped amphiphilic derivatives of dipyrrolyldiketone boron complexes. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 3843.	2.8	15
101	Coordinative Amphiphiles as Tunable siRNA Transporters. <i>Bioconjugate Chemistry</i> , 2016, 27, 1850-1856.	3.6	15
102	Ecofriendly Catechol Lipid Bioresin for Low-Temperature Processed Electrode Patterns with Strong Durability. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 16864-16876.	8.0	15
103	Liquid crystal phases generated by supramolecular self-assembly of biforked amphiphilic imidazoles. <i>Liquid Crystals</i> , 2009, 36, 1337-1347.	2.2	14
104	3D graphene-cellulose nanofiber hybrid scaffolds for cortical reconstruction in brain injuries. <i>2D Materials</i> , 2019, 6, 045043.	4.4	14
105	Soft Confined Assembly of Polymer-Tethered Inorganic Nanoparticles in Cylindrical Micelles. <i>Macromolecules</i> , 2020, 53, 4925-4931.	4.8	14
106	Intracellular thiol-responsive nanosized drug carriers self-assembled by poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Td (glycine) in hydrophobic blocks. <i>RSC Advances</i> , 2016, 6, 15558-15576.	3.6	13
107	Supramolecular Functionalization for Improving Thermoelectric Properties of Single-Walled Carbon Nanotubes "Small Organic Molecule Hybrids. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 51387-51396.	8.0	13
108	Chain-length effect on binary superlattices of polymer-tethered nanoparticles. <i>Materials Chemistry Frontiers</i> , 2020, 4, 2089-2095.	5.9	13

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109	Synthesis and self-assembly of propeller-shaped amphiphilic molecules. Chemical Communications, 2008, , 3061.	4.1	12
110	Columnar-Structured Low-Concentration Donor Molecules in Bulk Heterojunction Organic Solar Cells. ACS Omega, 2018, 3, 929-936.	3.5	12
111	Asymmetric polystyrene-poly lactide bottlebrush random copolymers: Synthesis, self-assembly and nanoporous structures. Polymer, 2019, 175, 49-56.	3.8	12
112	Scattering-mediated absorption from heterogeneous nanoparticle assemblies in diblock copolymer micelles for SERS enhancement. Journal of Materials Chemistry C, 2019, 7, 5051-5058.	5.5	12
113	Self-organized spiral columns in laterally grafted rods. Chemical Communications, 2010, 46, 4896.	4.1	11
114	Topography engineering of ferroelectric crystalline copolymer film. Organic Electronics, 2014, 15, 751-757.	2.6	11
115	Photo-crosslinkable elastomeric protein-derived supramolecular peptide hydrogel with controlled therapeutic CO-release. Nanoscale, 2019, 11, 17327-17333.	5.6	11
116	Influence of 3D morphology on the performance of all-polymer solar cells processed using environmentally benign nonhalogenated solvents. Nano Energy, 2020, 77, 105106.	16.0	11
117	Salt-induced microphase separation of amorphous dendritic poly(ethylene oxide)-block-linear polystyrene copolymers. Journal of Polymer Science Part A, 2010, 48, 2372-2376.	2.3	10
118	DNA Lipoplex-Based Light-Harvesting Antennae. Advanced Functional Materials, 2017, 27, 1700212.	14.9	10
119	Protein-induced metamorphosis of unilamellar lipid vesicles to multilamellar hybrid vesicles. Journal of Controlled Release, 2021, 331, 187-197.	9.9	10
120	Chain Architecture Dependent 3-Dimensional Supramolecular Assembly of Rod-Coil Molecules with a Conjugated Hexa-p-phenylene Rod. Macromolecular Rapid Communications, 2006, 27, 1684-1688.	3.9	9
121	Observation of an unprecedented body centered cubic micellar mesophase from rod-coil molecules. Chemical Communications, 2007, , 2920-2922.	4.1	9
122	Organic-inorganic vesicular hybrids driven by assembly of dendritic amphiphiles: site-selective encapsulation of nanoparticles. Chemical Communications, 2013, 49, 8003.	4.1	9
123	Fabrication, biofunctionalization, and simultaneous multicolor emission of hybrid dots-on-spheres structures for specific targeted imaging of cancer cells. RSC Advances, 2014, 4, 41378-41386.	3.6	9
124	Polymer cubosomes of block copolymers having cross-linkable soft hydrophobic blocks. Polymer Chemistry, 2019, 10, 3778-3785.	3.9	9
125	Spatiotemporal Self-Assembly of Peptides Dictates Cancer-Selective Toxicity. Biomacromolecules, 2020, 21, 4806-4813.	5.4	9
126	PAMAM Dendrimer Conjugated with N-terminal Oligopeptides of Mouse Fibroblast Growth Factor 3 as a Novel Gene Carrier. Bulletin of the Korean Chemical Society, 2014, 35, 1036-1042.	1.9	9

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127	In Situ Supramolecular Polymerization of Micellar Nanoobjects Induced by Polymerization. ACS Macro Letters, 2022, 11, 149-155.	4.8	9
128	Self-organization of amphiphilic diblock rod-coil molecule into supramolecular honeycomb and cylindrical aggregates and its application as Suzuki coupling reaction. Macromolecular Research, 2010, 18, 289-296.	2.4	8
129	Thermo-processable covalent scaffolds with reticular hierarchical porosity and their high efficiency capture of carbon dioxide. Journal of Materials Chemistry A, 2015, 3, 14871-14875.	10.3	8
130	Multicompartment Vesicles Formation by Emulsification-Induced Assembly of Poly(ethylene) Terephthalate/Overlock Communications, 2018, 39, 1700545.	3.9	8
131	Electrochemical synthesis of core-shell nanoparticles by seed-mediated selective deposition. Chemical Science, 2021, 12, 13557-13563.	7.4	8
132	Clathrate Hydrate Inhibition by Polyisocyanate with Diethylammonium Group. Langmuir, 2021, 37, 4147-4153.	3.5	8
133	PAMAM Dendrimers Conjugated with L-Arginine and β -Aminobutyric Acid as Novel Polymeric Gene Delivery Carriers. Bulletin of the Korean Chemical Society, 2013, 34, 579-584.	1.9	8
134	Clicked (AB) ₂ C-type miktoarm terpolymers: Synthesis, thermal and self-assembly properties, and preparation of nanoporous materials. Journal of Polymer Science Part A, 2013, 51, 446-456.	2.3	7
135	The 3D morphological stability of P3HT nanowire-based bulk heterojunction thin films against light irradiation quantitatively resolved by TEM tomography. Journal of Materials Chemistry A, 2019, 7, 2027-2033.	10.3	7
136	Helical Assembly of Flavin Mononucleotides on Carbon Nanotubes as Multimodal Near-IR Hg(II)-Selective Probes. ACS Applied Materials & Interfaces, 2019, 11, 8400-8411.	8.0	7
137	Hierarchical Microphase Behaviors of Chiral Block Copolymers under Kinetic and Thermodynamic Control. CCS Chemistry, 2022, 4, 2460-2468.	7.8	7
138	Nano-emulsification of oriental lacquer sap by ultrasonic wave propagation: Improvement of thin-film characteristics as a natural resin. Ultrasonics Sonochemistry, 2021, 73, 105545.	8.2	6
139	Precrystalline P3HT nanowires: growth-controllable solution processing and effective molecular packing transfer to thin film. CrystEngComm, 2022, 24, 1248-1257.	2.6	6
140	Bilayer-folded lamellar mesophase induced by random polymer sequence. Nature Communications, 2022, 13, 2433.	12.8	6
141	Symmetry breaking of Au nanospheres confined in 1D nanocylinders: exploring helical assembly by 3D transmission electron microscopy. Materials Chemistry Frontiers, 2020, 4, 3032-3039.	5.9	5
142	Geomimetic Hydrothermal Synthesis of Polyimide-Based Covalent Organic Frameworks. Angewandte Chemie, 2022, 134, .	2.0	5
143	Density-Controlled Freestanding Biodegradable Nanopillar Arrays Patterned via Block Copolymer Micelle Lithography. Macromolecular Materials and Engineering, 2017, 302, 1600361.	3.6	4
144	Peroxisome-Targeted Supramolecular Nanoprobes Assembled with Pyrene-Labelled Peptide Amphiphiles. Chemistry - an Asian Journal, 2018, 13, 3485-3490.	3.3	4

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145	Formation of Supramolecular Polymers from Porphyrin Tripods. <i>Macromolecules</i> , 2020, 53, 8060-8067.	4.8	4
146	Tunable in-plane thermal conductivity of a single PEDOT:PSS nanotube. <i>Nanoscale</i> , 2020, 12, 8701-8705.	5.6	4
147	Self-assembly of Dumbbell-shaped Rod Amphiphiles Based on Dodeca-p-phenylene. <i>Bulletin of the Korean Chemical Society</i> , 2008, 29, 1485-1490.	1.9	4
148	Synthesis of Aromatic Macrocyclic Amphiphiles and their Self-Assembling Behavior in Aqueous Solution. <i>Macromolecular Rapid Communications</i> , 2010, 31, 980-985.	3.9	3
149	Disparities in correlating microstructural to nanostructural preservation of dinosaur femoral bones. <i>Scientific Reports</i> , 2017, 7, 45562.	3.3	3
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156	Cover Picture: Solid-State Scrolls from Hierarchical Self-Assembly of T-Shaped Rod-Coil Molecules (<i>Angew. Chem. Int. Ed.</i> 9/2009). <i>Angewandte Chemie - International Edition</i> , 2009, 48, 1511-1511.	13.8	2
157	Nanostructured silica-type hybrids from poly(styrene-b-ethylene oxide-b-caprolactone) copolymers. <i>Polymer</i> , 2010, 51, 4419-4423.	3.8	2
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167	Piezoelectrically-driven production of sub 10 micrometer smart microgels. Biomicrofluidics, 2016, 10, .	2.4	0
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