

Eunji Lee

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

175
papers

6,237
citations

41
h-index

73
g-index

186
ext. papers

6,788
ext. citations

8.6
avg, IF

5.68
L-index

#	Paper	IF	Citations
175	High-water-content mouldable hydrogels by mixing clay and a dendritic molecular binder. <i>Nature</i> , 2010 , 463, 339-43	50.4	1309
174	Hierarchical helical assembly of conjugated poly(3-hexylthiophene)-block-poly(3-triethylene glycol thiophene) diblock copolymers. <i>Journal of the American Chemical Society</i> , 2011 , 133, 10390-3	16.4	189
173	Mitochondria localization induced self-assembly of peptide amphiphiles for cellular dysfunction. <i>Nature Communications</i> , 2017 , 8, 26	17.4	119
172	Reversible scrolling of two-dimensional sheets from the self-assembly of laterally grafted amphiphilic rods. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 3657-60	16.4	117
171	Nanorings from the self-assembly of amphiphilic molecular dumbbells. <i>Journal of the American Chemical Society</i> , 2006 , 128, 14022-3	16.4	117
170	Carbohydrate-coated supramolecular structures: transformation of nanofibers into spherical micelles triggered by guest encapsulation. <i>Journal of the American Chemical Society</i> , 2007 , 129, 4808-14	16.4	116
169	Dynamic extension-contraction motion in supramolecular springs. <i>Journal of the American Chemical Society</i> , 2007 , 129, 10994-5	16.4	114
168	Supramolecular capsules with gated pores from an amphiphilic rod assembly. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 4662-6	16.4	110
167	Tubular organization with coiled ribbon from amphiphilic rigid-flexible macrocycle. <i>Journal of the American Chemical Society</i> , 2006 , 128, 3484-5	16.4	106
166	Self-assembly of T-shaped aromatic amphiphiles into stimulus-responsive nanofibers. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 6807-10	16.4	102
165	Enhanced thermoelectric performance of PEDOT:PSS/PANI/SA polymer multilayer structures. <i>Energy and Environmental Science</i> , 2016 , 9, 2806-2811	35.4	98
164	Cell-penetrating-peptide-coated nanoribbons for intracellular nanocarriers. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 3475-8	16.4	97
163	Self-assembling molecular dumbbells: from nanohelices to nanocapsules triggered by guest intercalation. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 5304-7	16.4	96
162	Responsive nematic gels from the self-assembly of aqueous nanofibres. <i>Nature Communications</i> , 2011 , 2, 459	17.4	95
161	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, 14291-4	16.4	87
160	Filamentous artificial virus from a self-assembled discrete nanoribbon. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 4525-8	16.4	79
159	Controlled bioactive nanostructures from self-assembly of peptide building blocks. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 9011-4	16.4	78

158	Controlled Self-Assembly of Asymmetric Dumbbell-Shaped Rod Amphiphiles: Transition from Toroids to Planar Nets. <i>Macromolecules</i> , 2007 , 40, 8355-8360	5.5	75
157	Reversible transformation of helical coils and straight rods in cylindrical assembly of elliptical macrocycles. <i>Journal of the American Chemical Society</i> , 2009 , 131, 17768-70	16.4	74
156	Tubular stacking of water-soluble toroids triggered by guest encapsulation. <i>Journal of the American Chemical Society</i> , 2009 , 131, 18242-3	16.4	74
155	MFN1 deacetylation activates adaptive mitochondrial fusion and protects metabolically challenged mitochondria. <i>Journal of Cell Science</i> , 2014 , 127, 4954-63	5.3	71
154	Tuning innate immune activation by surface texturing of polymer microparticles: the role of shape in inflammasome activation. <i>Journal of Immunology</i> , 2013 , 190, 3525-32	5.3	70
153	Precise control of quantum dot location within the P3HT-b-P2VP/QD nanowires formed by crystallization-driven 1D growth of hybrid dimeric seeds. <i>Journal of the American Chemical Society</i> , 2014 , 136, 2767-74	16.4	69
152	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, 17695-8	16.4	65
151	Glycoconjugate nanoribbons from the self-assembly of carbohydrate-peptide block molecules for controllable bacterial cell cluster formation. <i>Biomacromolecules</i> , 2007 , 8, 1404-8	6.9	64
150	Lateral association of cylindrical nanofibers into flat ribbons triggered by "molecular glue". <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 6375-8	16.4	61
149	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	15.6	60
148	Syringeable immunotherapeutic nanogel reshapes tumor microenvironment and prevents tumor metastasis and recurrence. <i>Nature Communications</i> , 2019 , 10, 3745	17.4	58
147	Two-dimensional assembly of rod amphiphiles into planar networks. <i>Journal of the American Chemical Society</i> , 2007 , 129, 6082-3	16.4	58
146	Solid-state scrolls from hierarchical self-assembly of T-shaped rod-coil molecules. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 1664-8	16.4	56
145	Self-assembly of a peptide rod-coil: a polyproline rod and a cell-penetrating peptide Tat coil. <i>Chemical Communications</i> , 2008 , 1892-4	5.8	54
144	Electric-Field-Assisted Assembly of Polymer-Tethered Gold Nanorods in Cylindrical Nanopores. <i>ACS Nano</i> , 2016 , 10, 4954-60	16.7	48
143	Multifaceted Immunomodulatory Nanoliposomes: Reshaping Tumors into Vaccines for Enhanced Cancer Immunotherapy. <i>Advanced Functional Materials</i> , 2017 , 27, 1605398	15.6	47
142	Supramolecular coordination polymer formed from artificial light-harvesting dendrimer. <i>Journal of the American Chemical Society</i> , 2015 , 137, 12394-9	16.4	47
141	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	16.4	47

140	Conjugated polymer dots-on-electrospun fibers as a fluorescent nanofibrous sensor for nerve gas stimulant. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 22884-93	9.5	47
139	Reversible Scrolling of Two-Dimensional Sheets from the Self-Assembly of Laterally Grafted Amphiphilic Rods. <i>Angewandte Chemie</i> , 2009 , 121, 3711-3714	3.6	47
138	Morphological and Structural Evolutions of Metal-Organic Framework Particles from Amorphous Spheres to Crystalline Hexagonal Rods. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 10564-8	16.4	45
137	Amphiphilic poly(ethylene glycol)-poly(ϵ -caprolactone) AB2 miktoarm copolymers for self-assembled nanocarrier systems: synthesis, characterization, and effects of morphology on antitumor activity. <i>Polymer Chemistry</i> , 2015 , 6, 531-542	4.9	45
136	Heterochiral Assembly of Amphiphilic Peptides Inside the Mitochondria for Supramolecular Cancer Therapeutics. <i>ACS Nano</i> , 2019 , 13, 11022-11033	16.7	44
135	Rigid-flexible block molecules based on a laterally extended aromatic segment: hierarchical assembly into single fibers, flat ribbons, and twisted ribbons. <i>Chemistry - A European Journal</i> , 2008 , 14, 6957-66	4.8	44
134	Self-Assembling Molecular Dumbbells: From Nanohelices to Nanocapsules Triggered by Guest Intercalation. <i>Angewandte Chemie</i> , 2006 , 118, 5430-5433	3.6	39
133	Shape-directed assembly of a "macromolecular barb" into nanofibers: stereospecific cyclopolymerization of isopropylidene diallylmalonate. <i>Journal of the American Chemical Society</i> , 2010 , 132, 3292-4	16.4	38
132	Ion-induced bicontinuous cubic and columnar liquid-crystalline assemblies of discotic block codendrimers. <i>Chemistry - A European Journal</i> , 2010 , 16, 9006-9	4.8	37
131	Nanofibers with tunable stiffness from self-assembly of an amphiphilic wedge-coil molecule. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 7195-8	16.4	36
130	Tunable bacterial agglutination and motility inhibition by self-assembled glyco-nanoribbons. <i>Chemistry - an Asian Journal</i> , 2007 , 2, 1363-9	4.5	35
129	Filamentous Artificial Virus from a Self-Assembled Discrete Nanoribbon. <i>Angewandte Chemie</i> , 2008 , 120, 4601-4604	3.6	35
128	Stepwise Drug-Release Behavior of Onion-Like Vesicles Generated from Emulsification-Induced Assembly of Semicrystalline Polymer Amphiphiles. <i>Advanced Functional Materials</i> , 2015 , 25, 4570-4579	15.6	34
127	Folding of coordination polymers into double-stranded helical organization. <i>Chemistry - A European Journal</i> , 2008 , 14, 3883-8	4.8	34
126	Solvent-assisted organized structures based on amphiphilic anion-responsive pi-conjugated systems. <i>Chemistry - A European Journal</i> , 2009 , 15, 3706-19	4.8	33
125	Bioreducible Poly(ethylene glycol)-Triphenylphosphonium Conjugate as a Bioactivable Mitochondria-Targeting Nanocarrier. <i>Biomacromolecules</i> , 2017 , 18, 1074-1085	6.9	32
124	Nanoparticle-stabilized double emulsions and compressed droplets. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 145-9	16.4	32
123	Supramolecular helical columns from the self-assembly of chiral rods. <i>Chemistry - A European Journal</i> , 2008 , 14, 871-81	4.8	30

122	Supramolecular Capsules with Gated Pores from an Amphiphilic Rod Assembly. <i>Angewandte Chemie</i> , 2008 , 120, 4740-4744	3.6	30
121	Feasible tuning of barrier energy in PEDOT:PSS/Bi ₂ Te ₃ nanowires-based thermoelectric nanocomposite thin films through polar solvent vapor annealing. <i>Nano Energy</i> , 2020 , 67, 104207	17.1	30
120	The HA-incorporated nanostructure of a peptide-drug amphiphile for targeted anticancer drug delivery. <i>Chemical Communications</i> , 2016 , 52, 5637-40	5.8	29
119	Gene delivery of PAMAM dendrimer conjugated with the nuclear localization signal peptide originated from fibroblast growth factor 3. <i>International Journal of Pharmaceutics</i> , 2014 , 459, 10-8	6.5	29
118	Channel structures from self-assembled hexameric macrocycles in laterally grafted bent rod molecules. <i>Journal of the American Chemical Society</i> , 2009 , 131, 17371-5	16.4	29
117	One-Dimensional Supramolecular Nanoplatforms for Theranostics Based on Co-Assembly of Peptide Amphiphiles. <i>Biomacromolecules</i> , 2016 , 17, 3234-3243	6.9	29
116	Templated synthesis of cubic crystalline single networks having large open-space lattices by polymer cubosomes. <i>Nature Communications</i> , 2018 , 9, 5327	17.4	29
115	Aqueous nanofibers with switchable chirality formed of self-assembled dumbbell-shaped rod amphiphiles. <i>Chemical Communications</i> , 2009 , 6819-21	5.8	28
114	Cell-Penetrating-Peptide-Coated Nanoribbons for Intracellular Nanocarriers. <i>Angewandte Chemie</i> , 2007 , 119, 3545-3548	3.6	28
113	Structure-Property Relationships of Semiconducting Polymers for Flexible and Durable Polymer Field-Effect Transistors. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 40503-40515	9.5	27
112	Cyclic peptide facial amphiphile preprogrammed to self-assemble into bioactive peptide capsules. <i>Chemistry - A European Journal</i> , 2010 , 16, 5305-9	4.8	27
111	Nanofibers from self-assembly of an aromatic facial amphiphile with oligo(ethylene oxide) dendrons. <i>Chemical Communications</i> , 2007 , 1801-3	5.8	27
110	Self-Assembly of T-Shaped Aromatic Amphiphiles into Stimulus-Responsive Nanofibers. <i>Angewandte Chemie</i> , 2007 , 119, 6931-6934	3.6	26
109	Activated carbon aerogel as electrode material for coin-type EDLC cell in organic electrolyte. <i>Current Applied Physics</i> , 2014 , 14, 603-607	2.6	24
108	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	5.5	24
107	A cyclic RGD-coated peptide nanoribbon as a selective intracellular nanocarrier. <i>Organic and Biomolecular Chemistry</i> , 2008 , 6, 1944-8	3.9	24
106	One-pot preparation of 3D nano- and microaggregates via in situ nanoparticlization of polyacetylene diblock copolymers produced by ROMP. <i>Macromolecular Rapid Communications</i> , 2015 , 36, 1069-74	4.8	23
105	Toroidal nanostructures from self-assembly of block copolypeptides based on poly(L-arginine) and B-sheet peptide. <i>Macromolecular Rapid Communications</i> , 2011 , 32, 191-6	4.8	23

104	Interfacial Crystallization-Driven Assembly of Conjugated Polymers/Quantum Dots into Coaxial Hybrid Nanowires: Elucidation of Conjugated Polymer Arrangements by Electron Tomography. <i>Advanced Functional Materials</i> , 2016 , 26, 3226-3235	15.6	23
103	Molecular reorganization of paired assemblies of T-shaped rod-coil amphiphilic molecule at the air-water interface. <i>Langmuir</i> , 2008 , 24, 3930-6	4	22
102	Stepped strips from self-organization of oligo(p-phenylene) rods with lateral dendritic chains. <i>Journal of the American Chemical Society</i> , 2008 , 130, 14448-9	16.4	22
101	Graphene oxide nanosheet wrapped white-emissive conjugated polymer nanoparticles. <i>ACS Nano</i> , 2014 , 8, 4248-56	16.7	21
100	Reduction of graphene oxide/alginate composite hydrogels for enhanced adsorption of hydrophobic compounds. <i>Nanotechnology</i> , 2015 , 26, 405602	3.4	21
99	Hydrophilic matrix-assisted ionic transportation in the columnar assembly of amphiphilic dendron-coils. <i>Chemistry - A European Journal</i> , 2009 , 15, 8683-6	4.8	20
98	The Improvement of Skin Whitening of Phenylethyl Resorcinol by Nanostructured Lipid Carriers. <i>Nanomaterials</i> , 2017 , 7,	5.4	19
97	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	4.9	19
96	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, 13858-9	16.4	19
95	Characterization and organic electric-double-layer-capacitor application of KOH activated coal-tar-pitch-based carbons: Effect of carbonization temperature. <i>Journal of Physics and Chemistry of Solids</i> , 2015 , 87, 72-79	3.9	18
94	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	8.3	18
93	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, 14006-9	5.8	18
92	Interconversion of planar networks and vesicles triggered by temperature. <i>Macromolecular Rapid Communications</i> , 2010 , 31, 975-9	4.8	18
91	Bioactive molecular sheets from self-assembly of polymerizable peptides. <i>Chemical Communications</i> , 2008 , 4001-3	5.8	18
90	Lateral Association of Cylindrical Nanofibers into Flat Ribbons Triggered by Molecular Glue. <i>Angewandte Chemie</i> , 2008 , 120, 6475-6478	3.6	18
89	Simple Solvent Engineering for High-Mobility and Thermally Robust Conjugated Polymer Nanowire Field-Effect Transistors. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 29824-29830	9.5	17
88	Surface Modification of Citrate-Capped Gold Nanoparticles Using CTAB Micelles. <i>Bulletin of the Korean Chemical Society</i> , 2014 , 35, 2567-2569	1.2	17
87	Porous hydrogel containing Prussian blue nanoparticles for effective cesium ion adsorption in aqueous media. <i>Journal of Industrial and Engineering Chemistry</i> , 2018 , 60, 465-474	6.3	17

86	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	4.6	16
85	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	2.3	16
84	Tunable Columnar Organization by Twisted Stacking of End-Capped Aromatic Rods. <i>Chemistry of Materials</i> , 2007 , 19, 6569-6574	9.6	16
83	Controlled Bioactive Nanostructures from Self-Assembly of Peptide Building Blocks. <i>Angewandte Chemie</i> , 2007 , 119, 9169-9172	3.6	16
82	A Nonchlorinated Solvent-Processable Fluorinated Planar Conjugated Polymer for Flexible Field-Effect Transistors. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 28817-28827	9.5	15
81	Solid-State Scrolls from Hierarchical Self-Assembly of T-Shaped Rod-Coil Molecules. <i>Angewandte Chemie</i> , 2009 , 121, 1692-1696	3.6	15
80	Supramolecular Carbon Monoxide-Releasing Peptide Hydrogel Patch. <i>Advanced Functional Materials</i> , 2018 , 28, 1803051	15.6	15
79	Solution self-assembly of poly(3-hexylthiophene)-poly(lactide) brush copolymers: impact of side chain arrangement. <i>Polymer Chemistry</i> , 2018 , 9, 3279-3286	4.9	15
78	Water-supported organized structures based on wedge-shaped amphiphilic derivatives of dipyrrolyldiketone boron complexes. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 3843-50	3.6	14
77	Liquid crystal phases generated by supramolecular self-assembly of biforked amphiphilic imidazoles. <i>Liquid Crystals</i> , 2009 , 36, 1337-1347	2.3	14
76	Raspberry-like poly(L-glutamic acid) hydrogel particles for pH-dependent cell membrane passage and controlled cytosolic delivery of antitumor drugs. <i>International Journal of Nanomedicine</i> , 2016 , 11, 5621-5632	7.3	14
75	High-efficiency non-halogenated solvent processable polymer/PCBM solar cells via fluorination-enabled optimized nanoscale morphology. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 24992-25002	13.002	14
74	The power of the ring: a pH-responsive hydrophobic epoxide monomer for superior micelle stability. <i>Polymer Chemistry</i> , 2017 , 8, 7119-7132	4.9	13
73	Ferroelectric-mediated filamentary resistive switching in P(VDF-TrFE)/ZnO nanocomposite films. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 16176-16183	3.6	13
72	Coordinative Amphiphiles as Tunable siRNA Transporters. <i>Bioconjugate Chemistry</i> , 2016 , 27, 1850-6	6.3	13
71	Effect of Ionic Group on the Complex Coacervate Core Micelle Structure. <i>Polymers</i> , 2019 , 11,	4.5	12
70	Intracellular thiol-responsive nanosized drug carriers self-assembled by poly(ethylene glycol)-b-poly(L-caprolactone)-b-poly(ethylene glycol) having multiple bio-reducible disulfide linkages in hydrophobic blocks. <i>RSC Advances</i> , 2016 , 6, 15558-15576	3.7	12
69	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	7.3	12

68	Synthesis and self-assembly of propeller-shaped amphiphilic molecules. <i>Chemical Communications</i> , 2008 , 3061-3	5.8	12
67	Nanofibers with Tunable Stiffness from Self-Assembly of an Amphiphilic Wedge-Coil Molecule. <i>Angewandte Chemie</i> , 2006 , 118, 7353-7356	3.6	12
66	Scattering-mediated absorption from heterogeneous nanoparticle assemblies in diblock copolymer micelles for SERS enhancement. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 5051-5058	7.1	11
65	Structure-Dependent Antimicrobial Theranostic Functions of Self-Assembled Short Peptide Nanoagents. <i>Biomacromolecules</i> , 2017 , 18, 3600-3610	6.9	11
64	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	17.1	10
63	Topography engineering of ferroelectric crystalline copolymer film. <i>Organic Electronics</i> , 2014 , 15, 751-757	3.5	10
62	Self-organized spiral columns in laterally grafted rods. <i>Chemical Communications</i> , 2010 , 46, 4896-8	5.8	10
61	Salt-induced microphase separation of amorphous dendritic poly(ethylene oxide)-block-linear polystyrene copolymers. <i>Journal of Polymer Science Part A</i> , 2010 , 48, 2372-2376	2.5	10
60	Asymmetric polystyrene-poly lactide bottlebrush random copolymers: Synthesis, self-assembly and nanoporous structures. <i>Polymer</i> , 2019 , 175, 49-56	3.9	9
59	Ecofriendly Catechol Lipid Bioresin for Low-Temperature Processed Electrode Patterns with Strong Durability. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 16864-16876	9.5	9
58	3D graphene-cellulose nanofiber hybrid scaffolds for cortical reconstruction in brain injuries. <i>2D Materials</i> , 2019 , 6, 045043	5.9	9
57	Morphological and Structural Evolutions of Metal-Organic Framework Particles from Amorphous Spheres to Crystalline Hexagonal Rods. <i>Angewandte Chemie</i> , 2015 , 127, 10710-10714	3.6	9
56	Chain Architecture Dependent 3-Dimensional Supramolecular Assembly of Rod-Coil Molecules with a Conjugated Hexa-p-phenylene Rod. <i>Macromolecular Rapid Communications</i> , 2006 , 27, 1684-1688	4.8	9
55	DNA Lipoplex-Based Light-Harvesting Antennae. <i>Advanced Functional Materials</i> , 2017 , 27, 1700212	15.6	8
54	Photo-crosslinkable elastomeric protein-derived supramolecular peptide hydrogel with controlled therapeutic CO-release. <i>Nanoscale</i> , 2019 , 11, 17327-17333	7.7	8
53	3D confined assembly of polymer-tethered gold nanoparticles into size-segregated structures. <i>Materials Chemistry Frontiers</i> , 2019 , 3, 209-215	7.8	8
52	Polymer cubosomes of block copolymers having cross-linkable soft hydrophobic blocks. <i>Polymer Chemistry</i> , 2019 , 10, 3778-3785	4.9	8
51	Columnar-Structured Low-Concentration Donor Molecules in Bulk Heterojunction Organic Solar Cells. <i>ACS Omega</i> , 2018 , 3, 929-936	3.9	8

50	Fabrication, biofunctionalization, and simultaneous multicolor emission of hybrid "dots-on-spheres" structures for specific targeted imaging of cancer cells. <i>RSC Advances</i> , 2014 , 4, 41378-41386	3.7	8
49	Organic-inorganic vesicular hybrids driven by assembly of dendritic amphiphiles: site-selective encapsulation of nanoparticles. <i>Chemical Communications</i> , 2013 , 49, 8003-5	5.8	8
48	Self-organization of amphiphilic diblock rod-coil molecule into supramolecular honeycomb and cylindrical aggregates and its application as Suzuki coupling reaction. <i>Macromolecular Research</i> , 2010 , 18, 289-296	1.9	8
47	Observation of an unprecedented body centered cubic micellar mesophase from rod-coil molecules. <i>Chemical Communications</i> , 2007 , 2920-2	5.8	8
46	PAMAM Dendrimers Conjugated with L-Arginine and β -Aminobutyric Acid as Novel Polymeric Gene Delivery Carriers. <i>Bulletin of the Korean Chemical Society</i> , 2013 , 34, 579-584	1.2	8
45	Supramolecular Functionalization for Improving Thermoelectric Properties of Single-Walled Carbon Nanotubes-Small Organic Molecule Hybrids. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 51387-51398	9.5	8
44	Clicked (AB) ₂ C-type miktoarm terpolymers: Synthesis, thermal and self-assembly properties, and preparation of nanoporous materials. <i>Journal of Polymer Science Part A</i> , 2013 , 51, 446-456	2.5	7
43	Thermo-processable covalent scaffolds with reticular hierarchical porosity and their high efficiency capture of carbon dioxide. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 14871-14875	13	6
42	Impact of symmetry-breaking of non-fullerene acceptors for efficient and stable organic solar cells. <i>Chemical Science</i> , 2021 , 12, 14083-14097	9.4	6
41	Influence of 3D morphology on the performance of all-polymer solar cells processed using environmentally benign nonhalogenated solvents. <i>Nano Energy</i> , 2020 , 77, 105106	17.1	6
40	Chain-length effect on binary superlattices of polymer-tethered nanoparticles. <i>Materials Chemistry Frontiers</i> , 2020 , 4, 2089-2095	7.8	5
39	Soft Confined Assembly of Polymer-Tethered Inorganic Nanoparticles in Cylindrical Micelles. <i>Macromolecules</i> , 2020 , 53, 4925-4931	5.5	5
38	PAMAM Dendrimer Conjugated with N-terminal Oligopeptides of Mouse Fibroblast Growth Factor 3 as a Novel Gene Carrier. <i>Bulletin of the Korean Chemical Society</i> , 2014 , 35, 1036-1042	1.2	5
37	The 3D morphological stability of P3HT nanowire-based bulk heterojunction thin films against light irradiation quantitatively resolved by TEM tomography. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 2027-2033	13	4
36	Helical Assembly of Flavin Mononucleotides on Carbon Nanotubes as Multimodal Near-IR Hg(II)-Selective Probes. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 8400-8411	9.5	4
35	Self-assembly of Dumbbell-shaped Rod Amphiphiles Based on Dodeca-p-phenylene. <i>Bulletin of the Korean Chemical Society</i> , 2008 , 29, 1485-1490	1.2	4
34	Spatiotemporal Self-Assembly of Peptides Dictates Cancer-Selective Toxicity. <i>Biomacromolecules</i> , 2020 , 21, 4806-4813	6.9	4
33	Multicompartment Vesicles Formation by Emulsification-Induced Assembly of Poly(ethylene oxide)-block-poly(ϵ -caprolactone) and Their Dual-Loading Capability. <i>Macromolecular Rapid Communications</i> , 2018 , 39, 1700545	4.8	4

32	Disparities in correlating microstructural to nanostructural preservation of dinosaur femoral bones. <i>Scientific Reports</i> , 2017 , 7, 45562	4.9	3
31	Tunable in-plane thermal conductivity of a single PEDOT:PSS nanotube. <i>Nanoscale</i> , 2020 , 12, 8701-8705	7.7	3
30	Peroxisome-targeted Supramolecular Nanoprobes Assembled with Pyrene-labelled Peptide Amphiphiles. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 3485-3490	4.5	3
29	Self-assembly behavior of inconvertible star poly(acrylic acid) conformers based on p-tert-butylthiacalix[4]arene. <i>Macromolecular Research</i> , 2017 , 25, 615-623	1.9	3
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10	Titelbild: Solid-State Scrolls from Hierarchical Self-Assembly of T-Shaped Rod-Coil Molecules (Angew. Chem. 9/2009). <i>Angewandte Chemie</i> , 2009 , 121, 1539-1539	3.6	1
9	Cover Picture: Solid-State Scrolls from Hierarchical Self-Assembly of T-Shaped Rod-Coil Molecules (Angew. Chem. Int. Ed. 9/2009). <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 1511-1511	16.4	1
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