

Makoto Takafuji

List of Publications by Year in descending order

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244
papers

5,672
citations

66343

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all docs

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docs citations

251
times ranked

4914
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation of Poly(1-vinylimidazole)-Grafted Magnetic Nanoparticles and Their Application for Removal of Metal Ions. <i>Chemistry of Materials</i> , 2004, 16, 1977-1983.	6.7	360
2	Induction of Strong and Tunable Circularly Polarized Luminescence of Nonchiral, Nonmetal, Low-Molecular-Weight Fluorophores Using Chiral Nanotemplates. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2989-2993.	13.8	205
3	Functional Organogel Based on a Salicylideneaniline Derivative with Enhanced Fluorescence Emission and Photochromism. <i>Chemistry - A European Journal</i> , 2007, 13, 8231-8239.	3.3	187
4	Chirality Control of Self-Assembling Organogels from a Lipophilic L-Glutamide Derivative with Metal Chlorides. <i>Langmuir</i> , 2002, 18, 7120-7123.	3.5	112
5	New poly(ionic liquid)-grafted silica multi-mode stationary phase for anion-exchange/reversed-phase/hydrophilic interaction liquid chromatography. <i>Analyst</i> , 2012, 137, 2553.	3.5	108
6	A study of combustion behavior of pulverized coal in high-temperature air. <i>Proceedings of the Combustion Institute</i> , 2002, 29, 503-509.	3.9	93
7	Helical Superstructure of Conductive Polymers as Created by Electrochemical Polymerization by Using Synthetic Lipid Assemblies as a Template. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 465-469.	13.8	88
8	Investigation of π - π and ion-dipole interactions on 1-allyl-3-butylimidazolium ionic liquid-modified silica stationary phase in reversed-phase liquid chromatography. <i>Journal of Chromatography A</i> , 2010, 1217, 5190-5196.	3.7	86
9	Solvent dependence of helix stability in aromatic oligoamide foldamers. <i>Chemical Communications</i> , 2012, 48, 6337.	4.1	86
10	Kinetics of Helix-Handedness Inversion: Folding and Unfolding in Aromatic Amide Oligomers. <i>ChemPhysChem</i> , 2008, 9, 1882-1890.	2.1	79
11	A new imidazolium-embedded C18 stationary phase with enhanced performance in reversed-phase liquid chromatography. <i>Analytica Chimica Acta</i> , 2012, 738, 95-101.	5.4	78
12	New strategy for drastic enhancement of selectivity via chemical modification of counter anions in ionic liquid polymer phase. <i>Chemical Communications</i> , 2010, 46, 8740.	4.1	73
13	Enantioselective recognition by a highly ordered porphyrin-assembly on a chiral molecular gel. <i>Chemical Communications</i> , 2012, 48, 4881.	4.1	73
14	Versatile ligands for high-performance liquid chromatography: An overview of ionic liquid-functionalized stationary phases. <i>Analytica Chimica Acta</i> , 2015, 887, 1-16.	5.4	73
15	Effect of photopolymerization on the morphology of helical supramolecular assemblies. <i>Langmuir</i> , 1992, 8, 1548-1553.	3.5	71
16	New surface-confined ionic liquid stationary phases with enhanced chromatographic selectivity and stability by co-immobilization of polymerizable anion and cation pairs. <i>Chemical Communications</i> , 2012, 48, 1299-1301.	4.1	71
17	Analysis of low NO emission in high temperature air combustion for pulverized coal. <i>Fuel</i> , 2004, 83, 1133-1141.	6.4	70
18	Nanosized Hybrid Oligoamide Foldamers: Aromatic Templates for the Folding of Multiple Aliphatic Units. <i>Journal of the American Chemical Society</i> , 2009, 131, 8642-8648.	13.7	69

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19	Facile synthesis of high-density poly(octadecyl acrylate)-grafted silica for reversed-phase high-performance liquid chromatography by surface-initiated atom transfer radical polymerization. <i>Journal of Chromatography A</i> , 2008, 1187, 119-127.	3.7	66
20	Hybrid Self-Assembly of a β Gelator and Fullerene Derivative with Photoinduced Electron Transfer for Photocurrent Generation. <i>Langmuir</i> , 2010, 26, 6669-6675.	3.5	66
21	Programmable responsive shaping behavior induced by visible multi-dimensional gradients of magnetic nanoparticles. <i>Soft Matter</i> , 2012, 8, 3295.	2.7	66
22	Self-Assembly of a Chiral Lipid Gelator Controlled by Solvent and Speed of Gelation. <i>Chemistry - A European Journal</i> , 2009, 15, 9824-9835.	3.3	62
23	A Smart Gelator as a Chemosensor: Application to Integrated Logic Gates in Solution, Gel, and Film. <i>Chemistry - A European Journal</i> , 2012, 18, 3549-3558.	3.3	61
24	Amplifying Emission Enhancement and Proton Response in a Two-Component Gel. <i>Langmuir</i> , 2013, 29, 417-425.	3.5	57
25	Chromatographic evaluation of a newly designed peptide-silica stationary phase in reverse phase liquid chromatography and hydrophilic interaction liquid chromatography: Mixed mode behavior. <i>Journal of Chromatography A</i> , 2012, 1266, 43-52.	3.7	56
26	Molecular-length and chiral discriminations by β -structural poly(L-alanine) on silica. <i>Journal of Chromatography A</i> , 2005, 1073, 169-174.	3.7	55
27	Molecular Shape Selectivity through Multiple Carbonyl- π Interactions with Noncrystalline Solid Phase for RP-HPLC. <i>Analytical Chemistry</i> , 2005, 77, 6671-6681.	6.5	54
28	A novel approach to magneto-responsive polymeric gels assisted by iron nanoparticles as nano cross-linkers. <i>Chemical Communications</i> , 2008, , 2124.	4.1	54
29	Functional organic gels Chirality induction through formation of highly-oriented structure. <i>Liquid Crystals</i> , 1995, 18, 97-99.	2.2	53
30	Detection of highly oriented aggregation of L-glutamic acid-derived lipids in dilute organic solution. <i>Liquid Crystals</i> , 1999, 26, 1021-1027.	2.2	53
31	Synthesis, Self-Assembling Properties, and Atom Transfer Radical Polymerization of an Alkylated α -Phenylalanine-Derived Monomeric Organogel from Silica: A New Approach To Prepare Packing Materials for High-Performance Liquid Chromatography. <i>Chemistry - A European Journal</i> , 2008, 14, 1312-1321.	3.3	53
32	Fluorescence emission originated from the H-aggregated cyanine dye with chiral gemini surfactant assemblies having a narrow absorption band and a remarkably large Stokes shift. <i>Chemical Communications</i> , 2017, 53, 8870-8873.	4.1	53
33	Thermosensitive hybrid hydrogels with silica nanoparticle-cross-linked polymer networks. <i>Journal of Colloid and Interface Science</i> , 2013, 405, 109-117.	9.4	52
34	Induction of Strong and Tunable Circularly Polarized Luminescence of Nonchiral, Nonmetal, Low-Molecular-Weight Fluorophores Using Chiral Nanotemplates. <i>Angewandte Chemie</i> , 2017, 129, 3035-3039.	2.0	52
35	Selective Dynamic Assembly of Disulfide Macrocyclic Helical Foldamers with Remote Communication of Handedness. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 6848-6852.	13.8	51
36	Solvent-dependent photophysical and anion responsive properties of one glutamide gelator. <i>Soft Matter</i> , 2011, 7, 8296.	2.7	49

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37	Direct Observation of Siloxane Chirality on Twisted and Helical Nanometric Amorphous Silica. <i>Nano Letters</i> , 2016, 16, 6411-6415.	9.1	49
38	Chiral Colloids: Homogeneous Suspension of Individualized SiO ₂ Helical and Twisted Nanoribbons. <i>ACS Nano</i> , 2014, 8, 6863-6872.	14.6	47
39	Design of C ₁₈ Organic Phases with Multiple Embedded Polar Groups for Ultraversatile Applications with Ultrahigh Selectivity. <i>Analytical Chemistry</i> , 2015, 87, 6614-6621.	6.5	47
40	Strategy for preparation of hybrid polymer hydrogels using silicananoparticles as multifunctional crosslinking points. <i>Chemical Communications</i> , 2011, 47, 1024-1026.	4.1	45
41	A Sulfonicâ€Azobenzeneâ€Grafted Silica Amphiphilic Material: A Versatile Stationary Phase for Mixedâ€Mode Chromatography. <i>Chemistry - A European Journal</i> , 2013, 19, 18004-18010.	3.3	44
42	Synthesis and in Vitro Evaluation of Glutamide-Containing Cationic Lipids for Gene Delivery. <i>Bioconjugate Chemistry</i> , 2006, 17, 1530-1536.	3.6	43
43	Preparation of novel chitosan/poly (ethylene glycol)/ZnO bionanocomposite for wound healing application: Effect of gentamicin loading. <i>Materialia</i> , 2020, 12, 100785.	2.7	43
44	Selectivity enhancement of diastereomer separation in RPLC using crystalline-organic phase-bonded silica. <i>Chromatographia</i> , 2002, 56, 19-23.	1.3	42
45	Octadecylimidazolium ionic liquid-modified magnetic materials: Preparation, adsorption evaluation and their excellent application for honey and cinnamon. <i>Food Chemistry</i> , 2017, 229, 208-214.	8.2	42
46	Anion response of organogels: dependence on intermolecular interactions between gelators. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 1840.	2.8	41
47	Novel Approach for the Separation of Shape-Constrained Isomers with Alternating Copolymer-Grafted Silica in Reversed-Phase Liquid Chromatography. <i>Analytical Chemistry</i> , 2010, 82, 3320-3328.	6.5	40
48	Polyanionic and polyzwitterionic azobenzene ionic liquid-functionalized silica materials and their chromatographic applications. <i>Chemical Communications</i> , 2013, 49, 2454.	4.1	40
49	Evaluation of microstructural features of a new polymeric organic stationary phase grafted on silica surface: A paradigm of characterization of HPLC-stationary phases by a combination of suspension-state ¹ H NMR and solid-state ¹³ C-CP/MAS-NMR. <i>Analytica Chimica Acta</i> , 2005, 547, 179-187.	5.4	39
50	Enhancement of molecular shape selectivity by in situ anion-exchange in poly(octadecylimidazolium) silica column. <i>Journal of Chromatography A</i> , 2012, 1232, 116-122.	3.7	39
51	Enhanced Molecular-Shape Selectivity for Polyaromatic Hydrocarbons through Isotropic-to-Crystalline Phase Transition of Poly(octadecyl acrylate). <i>Chemistry Letters</i> , 2001, 30, 1252-1253.	1.3	38
52	Characterization of cellulose microbeads prepared by a viscose-phase-separation method and their chemical modification with acid anhydride. <i>Journal of Applied Polymer Science</i> , 2005, 97, 149-157.	2.6	38
53	Cellulose/boron nitride coreâ€shell microbeads providing high thermal conductivity for thermally conductive composite sheets. <i>RSC Advances</i> , 2016, 6, 33036-33042.	3.6	38
54	A Facile and Specific Approach to New Liquid Chromatography Adsorbents Obtained by Ionic Selfâ€Assembly. <i>Chemistry - A European Journal</i> , 2011, 17, 7288-7297.	3.3	37

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55	High molecular-shape-selective stationary phases for reversed-phase liquid chromatography: A review. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 108, 381-404.	11.4	34
56	Reversible gelation in cyclohexane of pyrene substituted by dialkyl L-glutamide: photophysics of the self-assembled fibrillar network. <i>Journal of Molecular Liquids</i> , 2004, 111, 73-76.	4.9	33
57	Stabilization of enhanced chirality from pyrene-containing L-glutamide lipid in methyl methacrylate by photo-induced polymerization Electronic supplementary information (ESI) available: photograph and fluorescence spectra of Pyr-lipid in PMMA solid sheet. See http://www.rsc.org/suppdata/cc/b3/b316673b/ . <i>Chemical Communications</i> , 2004, , 1122.	4.1	33
58	Poly(4-vinylpyridine) as a reagent with silanol-masking effect for silica and its specific selectivity for PAHs and dinitropyrenes in a reversed phase. <i>Analytica Chimica Acta</i> , 2005, 548, 51-57.	5.4	32
59	Molecular Gelation-Induced Functional Phase Separation in Polymer Film for Energy Transfer Spectral Conversion. <i>Advanced Functional Materials</i> , 2014, 24, 4105-4112.	14.9	32
60	Tunable Stokes shift and circularly polarized luminescence by supramolecular gel. <i>Journal of Materials Chemistry C</i> , 2015, 3, 5970-5975.	5.5	32
61	Calcium ion mediated rapid wound healing by nano-ZnO doped calcium phosphate-chitosan-alginate biocomposites. <i>Materialia</i> , 2020, 13, 100839.	2.7	32
62	Optically active polymer film tuned by a chirally self-assembled molecular organogel. <i>Tetrahedron</i> , 2007, 63, 7489-7494.	1.9	31
63	Molecular Shape Recognition through Self-Assembled Molecular Ordering: Evaluation with Determining Architecture and Dynamics. <i>Analytical Chemistry</i> , 2012, 84, 6577-6585.	6.5	31
64	Gene delivery into human cancer cells by cationic lipid-mediated magnetofection. <i>International Journal of Pharmaceutics</i> , 2013, 446, 87-99.	5.2	31
65	Anionic and cationic copolymerized ionic liquid-grafted silica as a multifunctional stationary phase for reversed-phase chromatography. <i>Analytical Methods</i> , 2014, 6, 469-475.	2.7	30
66	Amphiphilic molecular gels from L-lysine-aminomethylated L-glutamic acid derivatives with unique chiroptical properties. <i>Amino Acids</i> , 2010, 39, 587-597.	2.7	29
67	Silica nanoparticle-crosslinked thermosensitive hybrid hydrogels as potential drug-release carriers. <i>Polymer Journal</i> , 2014, 46, 293-300.	2.7	29
68	Chirally self-assembled porphyrin nanowires assisted by L-glutamide-derived lipid for excitation energy transfer. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 2430.	2.8	28
69	Remarkable enhancement of thermal stability of epoxy resin through the incorporation of mesoporous silica micro-filler. <i>Heliyon</i> , 2021, 7, e05959.	3.2	27
70	Novel self-assembling organogelators by combination of a double chain-alkylated L-glutamide and a polymeric head group Electronic supplementary information (ESI) available: table of gel-to-sol transition temperatures for G12-containing polymers; SEM of a xerogel from copoly-G12; temperature dependence of CD spectra of G12-vinyl and copoly-G12; experimental and characterisation data for G12-a, G12-b, G12-vinyl and copoly-G12. See http://www.rsc.org/suppdata/ob/b3/b305928f/ . <i>Organic and Biomolecular Chemistry</i> , 2003, 1, 3004.	2.8	26
71	Helical Structures of Conjugate Polymers Created by Oxidative Polymerization Using Synthetic Lipid Assemblies as Templates. <i>Chemistry - A European Journal</i> , 2004, 10, 5067-5075.	3.3	25
72	Highly efficient and switchable electron-transfer system realised by peptide-assisted J-type assembly of porphyrin. <i>Chemical Communications</i> , 2010, 46, 7208.	4.1	24

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73	Noncovalent One-to-One Donor-Acceptor Assembled Systems Based on Porphyrin Molecular Gels for Unusually High Electron-Transfer Efficiency. <i>Chemistry - A European Journal</i> , 2011, 17, 11628-11636.	3.3	24
74	Selective Dynamic Assembly of Disulfide Macrocyclic Helical Foldamers with Remote Communication of Handedness. <i>Angewandte Chemie</i> , 2016, 128, 6962-6966.	2.0	24
75	Facile and Versatile Approach for Generating Circularly Polarized Luminescence by Non-chiral, Low-molecular Dye-on-nanotemplate Composite System. <i>Chemistry Letters</i> , 2016, 45, 448-450.	1.3	24
76	Synthesis and Transfection Efficiency of Cationic Oligopeptide Lipids: Role of Linker. <i>Bioconjugate Chemistry</i> , 2011, 22, 2244-2254.	3.6	23
77	Poly(4-vinylpyridine) as Novel Organic Phase for RP-HPLC. Unique Selectivity for Polycyclic Aromatic Hydrocarbons. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2003, 26, 2491-2503.	1.0	22
78	High retentivity and selectivity for polycyclic aromatic hydrocarbons with poly(4-vinylpyridine)-grafted silica in normal-phase high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2008, 1189, 77-82.	3.7	22
79	Molecular organogel-forming porphyrin derivative with hydrophobic l-glutamide. <i>Tetrahedron Letters</i> , 2008, 49, 3987-3990.	1.4	22
80	Molecular-shape selectivity by molecular gel-forming compounds: bioactive and shape-constrained isomers through the integration and orientation of weak interaction sites. <i>Chemical Communications</i> , 2011, 47, 10341.	4.1	22
81	Informative secondary chiroptics in binary molecular organogel systems for donor-acceptor energy transfer. <i>Tetrahedron Letters</i> , 2011, 52, 4030-4035.	1.4	22
82	Peptide-based surface modified silica particles: adsorption materials for dye-loaded wastewater treatment. <i>RSC Advances</i> , 2013, 3, 23664.	3.6	22
83	Chiral separation by a terminal chirality triggered P-helical quinoline oligoamide foldamer. <i>Journal of Chromatography A</i> , 2016, 1437, 88-94.	3.7	22
84	One-pot preparation of polymer microspheres having wrinkled hard surfaces through self-assembly of silica nanoparticles. <i>Chemical Communications</i> , 2017, 53, 9147-9150.	4.1	22
85	Peculiar nanocomposite hydrogel with controllable multiple thermosensitivity: double phase transition and ternary stable states. <i>Chemical Communications</i> , 2010, 46, 430-432.	4.1	21
86	In situ helicity inversion of self-assembled nano-helices. <i>Chemical Communications</i> , 2015, 51, 3518-3521.	4.1	21
87	Memorized chiral arrangement of gemini surfactant assemblies in nanometric hybrid organic-silica helices. <i>Chemical Communications</i> , 2016, 52, 5800-5803.	4.1	21
88	Versatile chiroptics of peptide-induced assemblies of metalloporphyrins. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 1344.	2.8	19
89	Functional organogels from lipophilic L-glutamide derivative immobilized on cyclotriphosphazene core. <i>Journal of Materials Research</i> , 2006, 21, 1274-1278.	2.6	18
90	Preparation, telomerization, immobilization and application of N-alkyl l-phenylalanine-derived polymerizable organogelator for reversed-phase high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2008, 1203, 59-66.	3.7	18

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91	A new peptide-silica bio-inspired stationary phase with an improved approach for hydrophilic interaction liquid chromatography. <i>Analyst</i> , The, 2012, 137, 4907.	3.5	18
92	pH-Sensitive Hydrogel from Polyethylene Oxide and Acrylic acid by Gamma Radiation. <i>Journal of Composites Science</i> , 2019, 3, 58.	3.0	18
93	Controlled emission enhancement and quenching by self-assembly of low molecular weight thiophene derivatives. <i>Tetrahedron Letters</i> , 2010, 51, 4666-4669.	1.4	17
94	Polymer functionalization by luminescent supramolecular gels. <i>Polymer Journal</i> , 2016, 48, 843-853.	2.7	17
95	Jute cellulose nanocrystal/poly(N,N-dimethylacrylamide-co-3-methacryloxypropyltrimethoxysilane) hybrid hydrogels for removing methylene blue dye from aqueous solution. <i>Journal of Science: Advanced Materials and Devices</i> , 2021, 6, 254-263.	3.1	17
96	Microspherical hydrogel particles based on silica nanoparticle-webbed polymer networks. <i>Journal of Colloid and Interface Science</i> , 2015, 455, 32-38.	9.4	16
97	Preparation of High Refractive Index Composite Films Based on Titanium Oxide Nanoparticles Hybridized Hydrophilic Polymers. <i>Nanomaterials</i> , 2019, 9, 514.	4.1	16
98	Self-Assembled Nanofibrillar Aggregates with Amphiphilic and Lipophilic Molecules. <i>Macromolecular Symposia</i> , 2006, 237, 28-38.	0.7	15
99	A New Route for Preparation of High-density Organic Phase to High Selective HPLC for Polycyclic Aromatic Hydrocarbons by Atom-transfer Radical Polymerization of Octadecyl Acrylate on Silica. <i>Chemistry Letters</i> , 2007, 36, 1460-1461.	1.3	15
100	Surface-initiated living radical polymerization of self-assembling L-phenylalanine-derived monomer from silica for RP-HPLC application. <i>Journal of Polymer Science Part A</i> , 2008, 46, 6664-6671.	2.3	15
101	Molecular shape recognition-structure correlation in a phenylalanine-based polymer-silica composite by surface-initiated atom transfer radical polymerization. <i>Polymer</i> , 2008, 49, 5410-5416.	3.8	15
102	Facile and versatile method for preparing core-shell microspheres with controlled surface structures based on silica particles-monolayer. <i>Materials Chemistry and Physics</i> , 2011, 129, 871-880.	4.0	15
103	Homogenous formation and quaternization of urea-functionalized imidazolyl silane and its immobilization on silica for surface-confined ionic liquid stationary phases. <i>RSC Advances</i> , 2014, 4, 34654-34658.	3.6	15
104	Diocadecyl l-glutamide-derived lipid-grafted silica as a novel organic stationary phase for RP-HPLC. <i>Journal of Chromatography A</i> , 2005, 1074, 223-228.	3.7	14
105	A facile preparation method for self-assembled monolayers with silica particles on polystyrene-based microspheres. <i>Materials Chemistry and Physics</i> , 2009, 114, 1-5.	4.0	14
106	Complete chromatographic separation of steroids, including 17 β - and 17 α -estradiols, using a carbazole-based polymeric organic phase in both reversed and normal-phase HPLC. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 623-629.	3.7	14
107	Supramolecular gel-functionalized polymer films with tunable optical activity. <i>Journal of Materials Chemistry C</i> , 2015, 3, 1480-1483.	5.5	14
108	Development of a regenerative reformer for tar-free syngas production in a steam gasification process. <i>Applied Energy</i> , 2017, 185, 1217-1224.	10.1	14

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109	New Magnetic Polymer Nanocomposites on the Basis of Isotactic Polypropylene and Magnetite Nanoparticles for Adsorption of Ultrahigh Frequency Electromagnetic Waves. <i>Polymer-Plastics Technology and Engineering</i> , 2018, 57, 449-458.	1.9	14
110	Thermodynamic investigations on shape selective separation behaviors of poly(4-vinylpyridine)-grafted silica for polycyclic aromatic hydrocarbons in both normal-phase and reversed-phase high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2009, 1216, 3571-3577.	3.7	13
111	A new route for synthesis of N-methylimidazolium-grafted silica stationary phase and reevaluation in hydrophilic interaction liquid chromatography. <i>Talanta</i> , 2017, 164, 137-140.	5.5	13
112	Monodisperse Surface-Charge-Controlled Black Nanoparticles for Near-Infrared Shielding. <i>ACS Applied Nano Materials</i> , 2019, 2, 3597-3605.	5.0	13
113	Molecular-shape selectivity tuned by donor-acceptor type copolymers as organic phase in reversed-phase high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2009, 1216, 7433-7439.	3.7	12
114	Polycondensation and Stabilization of Chirally Ordered Molecular Organogels Derived from Alkoxysilyl Group-Containing α -Glutamide Lipid. <i>Langmuir</i> , 2009, 25, 8428-8433.	3.5	12
115	Strategic achievement for the baseline separation of tocopherol isomers by integration of weak interaction sites on alternating copolymer. <i>Analytical Methods</i> , 2011, 3, 1277.	2.7	12
116	Creation of a polymer backbone in lipid bilayer membrane-based nanotubes for morphological and microenvironmental stabilization. <i>RSC Advances</i> , 2014, 4, 33194-33197.	3.6	12
117	Non-conductive, Size-controlled Monodisperse Black Particles Prepared by a One-pot Polymerization and Low-temperature Calcination. <i>Chemistry Letters</i> , 2017, 46, 680-682.	1.3	12
118	A room-temperature phosphorescent polymer film containing a molecular web based on one-dimensional chiral stacking of a simple luminophore. <i>Chemical Communications</i> , 2017, 53, 5044-5047.	4.1	12
119	Chirality induction on non-chiral dye-linked polysilsesquioxane in nanohelical structures. <i>Chemical Communications</i> , 2020, 56, 7241-7244.	4.1	12
120	Retention mechanism of l-glutamide-derived noncrystalline stationary phases in reversed-phase high-performance liquid chromatography and application for separation of nucleic acid constituents. <i>Journal of Chromatography A</i> , 2006, 1119, 105-114.	3.7	11
121	Controllable shape selectivity based on highly ordered carbonyl and methyl groups in simple β -structural polypeptide on silica. <i>Journal of Chromatography A</i> , 2009, 1216, 6170-6176.	3.7	11
122	Incorporation and Template Polymerization of Styrene in Single-walled Bilayer Membrane Nanotubes. <i>Chemistry Letters</i> , 2011, 40, 561-563.	1.3	11
123	Selectivity enhancement for the separation of tocopherols and steroids by integration of highly ordered weak interaction sites along the polymer main chain. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 229-238.	3.7	11
124	Enhancement of Retentivity and Selectivity for PAHs in NP-HPLC by High-density Immobilization of Poly(4-vinylpyridine) as an Organic Phase on Silica. <i>Analytical Sciences</i> , 2008, 24, 615-621.	1.6	10
125	Preparation of multilayered organic-inorganic hybrid core-shell particles by stepwise surface formation. <i>Materials Letters</i> , 2011, 65, 1407-1409.	2.6	10
126	Molecular-shape selective high-performance liquid chromatography: Stabilization effect of polymer main chain by alternating copolymerization. <i>Journal of Chromatography A</i> , 2012, 1232, 183-189.	3.7	10

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127	Chemically tunable cationic polymer-bonded magnetic nanoparticles for gene magnetofection. <i>Journal of Materials Chemistry B</i> , 2014, 2, 644-650.	5.8	10
128	Polymer Effect on Molecular Recognition. Enhancement of Molecular-Shape Selectivity for Polycyclic Aromatic Hydrocarbons by Poly(acrylonitrile). <i>Polymer Journal</i> , 2002, 34, 437-442.	2.7	9
129	Cellulose/TiO ₂ Hybrid Spherical Microbeads Prepared by a Viscose Phase Separation Method: Control of the Distribution of TiO ₂ Particles in a Sphering System. <i>Polymer Journal</i> , 2005, 37, 186-191.	2.7	9
130	Poly(2-N-carbazolyethyl acrylate)-modified silica as a new polymeric stationary phase for reversed-phase high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2009, 1216, 7422-7426.	3.7	9
131	Novel Surface-Attachable Multifunctional Initiators: Synthesis, Grafting, and Polymerization in Aprotic and Protic Solvents. <i>Macromolecules</i> , 2009, 42, 4539-4546.	4.8	9
132	Tuning of Molecular Orientation of Porphyrin Assembly According to Monitoring the Chiroptical Signals. <i>Molecular Crystals and Liquid Crystals</i> , 2011, 539, 63/[403]-67/[407].	0.9	9
133	A remarkable enhancement of selectivity towards versatile analytes by a strategically integrated H-bonding site containing phase. <i>Chemical Communications</i> , 2015, 51, 14243-14246.	4.1	9
134	Monodisperse core-shell melamine-formaldehyde polymer-modified silica microspheres prepared using a facile microwave-assisted method. <i>New Journal of Chemistry</i> , 2017, 41, 11517-11520.	2.8	9
135	Facile preparation of an alternating copolymer-based high molecular shape-selective organic phase for reversed-phase liquid chromatography. <i>Journal of Chromatography A</i> , 2018, 1555, 53-61.	3.7	9
136	Preparation and characterization of a novel hydrophilic interaction/ion exchange mixed-mode chromatographic stationary phase with pyridinium-based zwitterionic polymer-grafted porous silica. <i>Journal of Separation Science</i> , 2018, 41, 3957-3965.	2.5	9
137	Fabrication of Carbon-Like, π -Conjugated Organic Layer on a Nano-Porous Silica Surface. <i>Nanomaterials</i> , 2020, 10, 1882.	4.1	9
138	Polymer encapsulation and stabilization of molecular gel-based chiroptical information for strong, tunable circularly polarized luminescence film. <i>Journal of Materials Chemistry C</i> , 2020, 8, 8732-8735.	5.5	9
139	Relationship between Formation of Helical Bilayer Membranes and Chemical Structures of Dialkyl Amphiphiles with Polypeptide-Head Groups. <i>Kobunshi Ronbunshu</i> , 1991, 48, 327-334.	0.2	8
140	Conformational Effect of Silica-supported Poly(octadecyl acrylate) on Molecular-Shape Selectivity of Polycyclic Aromatic Hydrocarbons in RP-HPLC. <i>Analytical Sciences</i> , 2004, 20, 1681-1685.	1.6	8
141	Tuning of the molecular packing structure of comb-shaped polymer-grafted silica by using surface-initiated ATRP to enhance the molecular-shape selectivity towards polycyclic aromatic hydrocarbons. <i>European Polymer Journal</i> , 2009, 45, 1811-1819.	5.4	8
142	Self-assembling fullerene derivatives for energy transfer in molecular gel system. <i>Journal of Physics: Conference Series</i> , 2009, 159, 012016.	0.4	8
143	Copolymer-grafted silica phase from a cation-anion monomer pair for enhanced separation in reversed-phase liquid chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 3507-3515.	3.7	8
144	Manipulation of discrete porphyrin-fullerene nanopillar arrays regulated by the phase separated infiltration of polymer in ternary blended organic thin-films. <i>Solar Energy Materials and Solar Cells</i> , 2015, 140, 428-438.	6.2	8

#	ARTICLE	IF	CITATIONS
145	Modeling of optimum size and shape for high photovoltaic performance of poly(3-hexylthiophene) nanopore in interdigitated bilayer organic solar cells. <i>Organic Electronics</i> , 2016, 28, 59-66.	2.6	8
146	One-pot green process for surface layering with nanodiamonds on polymer microspheres. <i>Journal of Supercritical Fluids</i> , 2017, 127, 217-222.	3.2	8
147	Multi-chiro-informative System Created by a Porphyrin-functionalized Chiral Molecular Assembly. <i>Chemistry Letters</i> , 2020, 49, 368-371.	1.3	8
148	Efficient removal of methylene blue dye from an aqueous solution using silica nanoparticle crosslinked acrylamide hybrid hydrogels. <i>New Journal of Chemistry</i> , 2021, 45, 20107-20119.	2.8	8
149	Metal Ion-induced Chirality and Morphology Control of Self-assembling Organogels from L-Glutamic Acid-derived Lipids. <i>Chemistry Letters</i> , 2002, 31, 548-549.	1.3	7
150	[1.1]meta-Stilbenophanes as calixarene analogs: preparation, crystal structure, and cis \leftrightarrow trans photoisomerization. <i>Tetrahedron Letters</i> , 2007, 48, 9051-9055.	1.4	7
151	Molecular orientation of gel forming compounds and their effect on molecular-shape selectivity in liquid chromatography. <i>Journal of Chromatography A</i> , 2014, 1324, 149-154.	3.7	7
152	Porous silica particles grafted with an amphiphilic side-chain polymer as a stationary phase in reversed-phase high-performance liquid chromatography. <i>Journal of Separation Science</i> , 2015, 38, 2403-2413.	2.5	7
153	Iron metal induced deoxygenation of graphite oxide nanosheets-insights on the capacitive properties of binder-free electrodes. <i>RSC Advances</i> , 2015, 5, 23367-23373.	3.6	7
154	Facile preparation of high refractive index polymer films composited with a tungstophosphoric acid. <i>Materials Letters</i> , 2017, 190, 236-239.	2.6	7
155	Surface Charge Controlled Magnetic Nanoparticles with Grafting of Poly(4-vinylpyridine). <i>Journal of Nanoscience and Nanotechnology</i> , 2005, 5, 390-393.	0.9	6
156	Self-assembly-based Thermo-responsive Luminescent Organogels of Chromophoric L-glutamide-derived Lipids. <i>Journal of Materials Research</i> , 2005, 20, 2486-2490.	2.6	6
157	Enhancement of molecular-shape selectivity in high-performance liquid chromatography through multi-anchoring of comb-shaped polymer on silica. <i>Journal of Chromatography A</i> , 2006, 1119, 115-119.	3.7	6
158	Magneto-Responsive Organogels Prepared Through Surface-Initiated Atom Transfer Radical Polymerization on Iron Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 123-131.	0.9	6
159	Preparation of high-selective HPLC packing materials based on alternating copolymer-grafted silica. <i>Journal of Separation Science</i> , 2010, 33, 2977-2989.	2.5	6
160	Functional Phase Separation in Polymer-Monomer Composite Film: Controlled Induction of Pyrene Orientation. <i>Chemistry Letters</i> , 2013, 42, 1297-1299.	1.3	6
161	Highly hydrophilic and nonionic poly(2-vinylloxazoline)-grafted silica: a novel organic phase for high-selectivity hydrophilic interaction chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 4585-4593.	3.7	6
162	Hybrid mesoporous microspheres from aqueous droplets containing a silica nanoparticle-polymer network in a W/O suspension. <i>RSC Advances</i> , 2016, 6, 42756-42762.	3.6	6

#	ARTICLE	IF	CITATIONS
163	A Facile and Green Method to Prepare Conductive Carbon-coated Polymer Microspheres Using Supercritical Carbon Dioxide. <i>Chemistry Letters</i> , 2016, 45, 92-94.	1.3	6
164	Fabrication of Hollow Silica Microspheres with Orderly Hemispherical Protrusions and Capability for Heat-Induced Controlled Cracking. <i>Langmuir</i> , 2017, 33, 10679-10689.	3.5	6
165	Novel Black Organic Phase for Ultra Selective Retention by Surface Modification of Porous Silica. <i>Chemistry Letters</i> , 2017, 46, 1233-1236.	1.3	6
166	Spherical filler-promoting thermally conductive pathway in graphite-containing polymer composites for high heat radiation. <i>Journal of Polymer Science</i> , 2020, 58, 607-615.	3.8	6
167	Lanthanide ion-doped silica nanohelix: a helical inorganic network acts as a chiral source for metal ions. <i>Chemical Communications</i> , 2021, 57, 4392-4395.	4.1	6
168	Advanced CNC/PEG/PDMAA Semi-IPN Hydrogel for Drug Delivery Management in Wound Healing. <i>Gels</i> , 2022, 8, 340.	4.5	6
169	Dendritic Cyclotriphosphazene Derivative with Hexaxis(alkylazobenzene) Substitution as Photo-sensitive Trigger. <i>Heterocycles</i> , 2004, 63, 1563.	0.7	5
170	Amino-acid-based, lipid-directed, in situ synthesis and fabrication of gold nanoparticles on silica: a metamaterial framework with pronounced catalytic activity. <i>Nanotechnology</i> , 2012, 23, 495301.	2.6	5
171	Photoelectrochemical performance of DSSC with monodisperse and polydisperse ZnO SPs. , 2014, , .		5
172	Effects of substitution groups of glutamide-derived molecular gels on molecular shape recognition. <i>Journal of Chromatography A</i> , 2015, 1392, 56-62.	3.7	5
173	A novel photosensitizer: An l-glutamide lipid conjugate with improved properties for photodynamic therapy. <i>Photochemical and Photobiological Sciences</i> , 2016, 15, 1476-1483.	2.9	5
174	A Hetero-network Hydrogel With Self-assembled Nanofibers as Multiple-crosslinkers and Its Liquid-crystal-driven Healing Properties. <i>Colloids and Interface Science Communications</i> , 2017, 19, 9-13.	4.1	5
175	Synthesis and characterization of hybrid composite aerogels from alginic acid and graphene oxide. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 206, 012053.	0.6	5
176	Reduced Graphene Oxide (rGO) Prepared by Metal-induced Reduction of Graphite Oxide: Improved Conductive Behavior of a Poly(methyl methacrylate) (PMMA)/rGO Composite. <i>ChemistrySelect</i> , 2019, 4, 7954-7958.	1.5	5
177	L-lysine-derived highly selective stationary phases for hydrophilic interaction chromatography: Effect of chain length on selectivity, efficiency, resolution, and asymmetry. <i>Separation Science Plus</i> , 2019, 2, 42-50.	0.6	5
178	Thermally stable high-contrast iridescent structural colours from silica colloidal crystals doped with monodisperse spherical black carbon particles. <i>Materials Advances</i> , 2021, 2, 5935-5941.	5.4	5
179	Preparation of chitosan/laterite/iron oxide-based biocomposite and its application as a potential adsorbent for the removal of methylene blue from aqueous solution. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2022, 17, 100658.	2.9	5
180	Special articles on synthesis and supramolecular structure of functionality amphiphiles. Production of helical bilayer membranes from L-glutamic acid derivatives with bis(dodecylamide) groups and their specific optical activity.. <i>Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal</i> , 1990, 1990, 1047-1053.	0.1	4

#	ARTICLE	IF	CITATIONS
181	A new method for evaluation of the mobility of silica-grafted alkyl chains by suspension-state ¹ H NMR. Canadian Journal of Chemistry, 2005, 83, 1792-1798.	1.1	4
182	Selectivity Enhancement for trans-2-(2,3-Anthracenedicarboximido)-cyclohexane-derived Diastereomers in HPLC by Using an Ordered Organic Stationary Phase. Analytical Sciences, 2007, 23, 311-315.	1.6	4
183	Environmentally friendly coloured materials: cellulose/titanium dioxide/inorganic pigment composite spherical microbeads prepared by viscose phase-separation method. Coloration Technology, 2007, 123, 344-350.	1.5	4
184	Enclosure of Secondary Chirality Based on Highly Oriented Lipid Aggregates into a Polymer Sheet by Photo-induced Polymerization of Polymerizable Monomer Gels. Macromolecular Symposia, 2010, 291-292, 330-336.	0.7	4
185	Multi-mode chromatographic evaluation of a new lysine-silica stationary phase for high-performance liquid chromatography. Analytical Methods, 2014, 6, 7674-7680.	2.7	4
186	Tuning of Separation Mode Using Pyridinium Salt-branched Ionic Polymer-grafted Silica as Stationary Phase in HPLC. Chemistry Letters, 2016, 45, 13-15.	1.3	4
187	Non-chiral Polymer-induced Chirality Enhancement in Lipidic Nanotube-based Hydrogel System. Chemistry Letters, 2017, 46, 1466-1469.	1.3	4
188	Generation of strong circularly polarized luminescence induced by chiral organogel based on L-glutamide. Journal of the Taiwan Institute of Chemical Engineers, 2018, 92, 58-62.	5.3	4
189	Fabrication of Fluorescent One-dimensional-nanocomposites through One-pot Self-assembling Polymerization on Nano-helical Silica. Chemistry Letters, 2019, 48, 1088-1091.	1.3	4
190	Emission Color Control in Polymer Films by Memorized Fluorescence Solvatochromism in a New Class of Totally Organic Fluorescent Nanogel Particles. Chemistry - A European Journal, 2019, 25, 10141-10148.	3.3	4
191	Efficient extraction of quaternary ammonium alkaloids based on γ -conjugated polymer coated porous silica adsorbent. Chemical Engineering Journal, 2021, 426, 131061.	12.7	4
192	Formation of Nanofibrillar Aggregates by Water-Soluble β -Structural Oligopeptide, (L-Leu-L-Lys) ₈ . Chemistry Letters, 2003, 32, 152-153.	1.3	3
193	Facile Enantiomer Analysis by Combination of N-Dansyl Amino Acid as Diastereomerizer and Molecular Shape Recognitive RP-HPLC Using Comb-shaped Polymer-immobilized Silica. Journal of Liquid Chromatography and Related Technologies, 2004, 27, 2561-2572.	1.0	3
194	Effect of the direction of ester linkage on molecular shape selectivity through multiple carbonyl interaction with octadecyl chain branched polymers as organic phases in reversed-phase high-performance liquid chromatography. Journal of Chromatography A, 2009, 1216, 7440-7445.	3.7	3
195	Evaluation of selectivity for l-glutamide-derived highly ordered assemblies in reversed-phase high-performance liquid chromatography. Talanta, 2009, 77, 1228-1237.	5.5	3
196	Ultrastrong Gravity-induced Unusual Reactivity in Radical Addition of Bromotrichloromethane to Ethyl Cinnamate. Chemistry Letters, 2010, 39, 174-175.	1.3	3
197	Preparation of Dispersible Chitosan Particles with Borate Crosslinking for Antimicrobial and Antifungal Application. Chemistry Letters, 2010, 39, 935-937.	1.3	3
198	A new lysine derived highly molecular-shape selective organic phase with ordered functional groups for reversed-phase liquid chromatography. Analytical Methods, 2014, 6, 5459.	2.7	3

#	ARTICLE	IF	CITATIONS
199	Development of a Novel Reformer for Tar-free Syngas Production. <i>Energy Procedia</i> , 2015, 75, 246-251.	1.8	3
200	Chemical mechanical polishing of transparent conductive layers using spherical cationic polymer microbeads. <i>Thin Solid Films</i> , 2015, 576, 31-37.	1.8	3
201	Reappraising the validity of poly(3-hexylthiophene) nanostructures in interdigitated bilayer organic solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2016, 147, 68-74.	6.2	3
202	Enhancement of Thermal Stability and Selectivity by Introducing Aminotriazine Comonomer to Poly(Octadecyl Acrylate)-Grafted Silica as Chromatography Matrix. <i>Separations</i> , 2018, 5, 15.	2.4	3
203	Extreme enhancement of secondary chirality through coordination-driven steric changes of terpyridyl ligand in glutamide-based molecular gels. <i>RSC Advances</i> , 2020, 10, 29627-29632.	3.6	3
204	Hetero-network hydrogels crosslinked with silica nanoparticles for strategic control of thermal responsive property. <i>Soft Matter</i> , 2021, 17, 4615-4622.	2.7	3
205	Chemical redox-induced chiroptical switching of supramolecular assemblies of viologens. <i>RSC Advances</i> , 2022, 12, 2019-2025.	3.6	3
206	Co-assembling system that exhibits bright circularly polarized luminescence. <i>Materials Advances</i> , 2022, 3, 3123-3127.	5.4	3
207	Supramolecules I. Functional Organic Gels. Formation of Chiral Gels from L-Glutamic Acid-Derived Lipids and Their Chiral Recognition Ability.. <i>Kobunshi Ronbunshu</i> , 1995, 52, 606-614.	0.2	2
208	The Impact of Self-Assembly in Medicine and Pharmacology. <i>Current Pharmaceutical Analysis</i> , 2006, 2, 79-83.	0.6	2
209	Synthesis and assessment of molecular recognizability by RP-HPLC of an N-alkyl- β -Ala-L-Phe-derived organic phase with self-assembling ability. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 392, 1197-1208.	3.7	2
210	The impact of supramolecular chemistry in medicine: Removing the border between infectious and non-infectious diseases. <i>Medical Hypotheses</i> , 2008, 71, 881-885.	1.5	2
211	Cellulose Spherical Microbeads Interfacially-controlled by Hard Inorganic Nano-Particles Using Viscose Phase Separation Method and Their Applications to Abrasive Materials. <i>Kobunshi Ronbunshu</i> , 2008, 65, 80-89.	0.2	2
212	Enhancement of Discrimination Ability for <i>cis</i> - and <i>trans</i> -Decalins through Side-chain Ordering in Comb-shaped Polymer. <i>Chemistry Letters</i> , 2010, 39, 844-845.	1.3	2
213	Organic Thin Layer of Molecular Gel-forming Glutamide Lipid on Silica Particles for Practical Application to Molecular Recognition. <i>Chemistry Letters</i> , 2012, 41, 181-183.	1.3	2
214	An ϵ -lysine derived organogelator-based stationary phase for mixed-mode liquid chromatography. <i>Analytical Methods</i> , 2015, 7, 3320-3323.	2.7	2
215	Facile Preparation of Transparent and High Refractive Index Polymer Composites by Polymerization of Monomer- ϵ -Silicotungstic Acid Mixtures. <i>Chemistry Letters</i> , 2017, 46, 489-491.	1.3	2
216	Reversible and Hierarchical Composite Gels with CdSe Nanocrystals. <i>Journal of Nanoscience and Nanotechnology</i> , 2008, 8, 314-320.	0.9	2

#	ARTICLE	IF	CITATIONS
217	Enhancement of Isotacticity in Bulk Radical Polymerization of Poly(methyl methacrylate) under Strong Gravity Field. <i>Polymer Journal</i> , 2003, 35, 276-279.	2.7	2
218	Synthesis, Characterization and Enhanced Selectivity in RP-HPLC of Polar Carbonyl Group Embedded Poly (Vinyl Octadecanoate) Grafted Stationary Phase by Simple Heterogeneous "Graft from" Technique. <i>Bulletin of the Korean Chemical Society</i> , 2011, 32, 77-82.	1.9	2
219	Fabrication of naphthol-based phenolic polymer coated-silica for mixed-mode chromatography. <i>Journal of Chromatography Open</i> , 2022, 2, 100028.	2.2	2
220	Selective reflection enhancement by controlling of surface-layering structure of inorganic nanoparticles on polymer microspheres. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 637, 128188.	4.7	2
221	Functionalized aluminum oxide by immobilization of totally organic aromatic polymer spherical nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 640, 128438.	4.7	2
222	Structure of dioctadecyl L -glutamide-derived lipid self-assembled monolayers on Au(1 1 1) surface. <i>Applied Surface Science</i> , 2006, 253, 869-873.	6.1	1
223	Chemistry in Mega-gravity: Preparation of Molecular-scaled Graded Materials from Radical Copolymerization. <i>Chemistry Letters</i> , 2008, 37, 200-201.	1.3	1
224	Transparent Polymer Films Functionally-Webbed with Glutamide-Based Supramolecular Gels and Their Optical Applications. <i>Kobunshi Ronbunshu</i> , 2016, 73, 30-41.	0.2	1
225	Selectivity enhancement for the separation of shape-constrained isomers by particle size-derived molecular ordering and density in reversed-phase liquid chromatography. <i>Separation Science Plus</i> , 2021, 4, 296-304.	0.6	1
226	Supramolecular assembly of glutamide attached terpyridine-lanthanide complex with enhanced chirality and high fluorescence quantum yield. <i>Chemical Physics Letters</i> , 2021, 781, 138968.	2.6	1
227	Prediction of Heat Recovery Characteristics of Oxyfuel Combustion Boiler Using CFD. , 2013, , 1303-1309.		1
228	Preparation of Chitosan Sub-Micron Beads as Bacteriostatic Materials by Phase Separation with Polyvalent anion. <i>Transactions of the Materials Research Society of Japan</i> , 2007, 32, 1135-1138.	0.2	1
229	Preparation of Hybrid Microspheres with Homogeneously Dispersed Nanosilica Using In-situ Sol-Gel Reaction inside a Polystyrene Matrix. <i>Chemistry Letters</i> , 2022, 51, 639-642.	1.3	1
230	Nanomaterial Hybridized Hydrogels as a Potential Adsorbent for Toxic Remediation of Substances from Wastewater. , 2022, , 365-393.		1
231	Synthesis of novel saccharide-pendant vinyl polymer and application to oxygen barrier film. <i>Journal of Materials Science</i> , 2004, 39, 1913-1915.	3.7	0
232	Porphyrin Assembly with Fullerenes for Photovoltaic Applications. <i>Materials Research Society Symposia Proceedings</i> , 2008, 1091, 1.	0.1	0
233	Polymer-Silica Composite Materials from Octadecyl-Phenylalanine-Derivative by Surface Initiated Atom Transfer Radical Polymerization. <i>Soft Materials</i> , 2008, 6, 140-155.	1.7	0
234	Highly Oriented Donor-Acceptor Molecules within Electrospun Nanofibers. <i>Molecular Crystals and Liquid Crystals</i> , 2011, 539, 40/[380]-44/[384].	0.9	0

#	ARTICLE	IF	CITATIONS
235	Effect of High Density Poly (Vinyl Octadecanoate) Grafted Silica Stationary Phase on Physiochemical Properties and Shape Selectivity Enhancement of Polycyclic Aromatic Hydrocarbons (PAHs) in RP-HPLC. Separation Science and Technology, 2012, 47, 621-629.	2.5	0
236	Effects of Alignment of Weak Interaction Sites in Molecular Shape Recognition High-Performance Liquid Chromatography. Separations, 2016, 3, 25.	2.4	0
237	Titelbild: Selective Dynamic Assembly of Disulfide Macrocyclic Helical Foldamers with Remote Communication of Handedness (Angew. Chem. 24/2016). Angewandte Chemie, 2016, 128, 6907-6907.	2.0	0
238	Meso to Macroporous Microspheres Fabricated by Polymerization of Nanosilica with Polymeric Crosslinker. Chemistry Letters, 2016, 45, 1159-1161.	1.3	0
239	Temperature depending bioelectrocatalysis current of multicopper oxidase from a hyperthermophilic archaeon Pyrobaculum aerophilum. Electrochemistry Communications, 2021, 125, 106982.	4.7	0
240	Enantioselective Self-Assembled Nanofibrillar Network with Glutamide-Based Organogelator. Nanomaterials, 2021, 11, 1376.	4.1	0
241	A Molecular Shape Recognitive HPLC Stationary Phase Based on a Highly Ordered Amphiphilic Glutamide Molecular Gel. Nanomaterials, 2021, 11, 1574.	4.1	0
242	Chiroptical Polymer Functionalized by Chiral Nanofibrillar Network. , 0, , .		0
243	Noncrystalline L-Phenylalanine-Silica Hybrid Composite Materials for High Selective Reversed Phase Liquid Chromatography. , 0, , .		0
244	Reversible and hierarchical composite gels with CdSe nanocrystals. Journal of Nanoscience and Nanotechnology, 2008, 8, 314-20.	0.9	0