Makoto Takafuji

List of Publications by Year
in descending order

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244	5,672	66343	114465
papers	citations	42 h-index	63 g-index

251	251	251	4914
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fabrication of naphthol-based phenolic polymer coated-silica for mixed-mode chromatography. Journal of Chromatography Open, 2022, 2, 100028.	2.2	2
2	Selective reflection enhancement by controlling of surface-layering structure of inorganic nanoparticles on polymer microspheres. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 637, 128188.	4.7	2
3	Chemical redox-induced chiroptical switching of supramolecular assemblies of viologens. RSC Advances, 2022, 12, 2019-2025.	3.6	3
4	Functionalized aluminum oxide by immobilization of totally organic aromatic polymer spherical nanoparticles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 640, 128438.	4.7	2
5	Preparation of chitosan/laterite/iron oxide-based biocomposite and its application as a potential adsorbent for the removal of methylene blue from aqueous solution. Environmental Nanotechnology, Monitoring and Management, 2022, 17, 100658.	2.9	5
6	Co-assembling system that exhibits bright circularly polarized luminescence. Materials Advances, 2022, 3, 3123-3127.	5.4	3
7	Preparation of Hybrid Microspheres with Homogeneously Dispersed Nanosilica Using In-situ Sol-Gel Reaction inside a Polystyrene Matrix. Chemistry Letters, 2022, 51, 639-642.	1.3	1
8	Advanced CNC/PEG/PDMAA Semi-IPN Hydrogel for Drug Delivery Management in Wound Healing. Gels, 2022, 8, 340.	4.5	6
9	Nanomaterial Hybridized Hydrogels as a Potential Adsorbent for Toxic Remediation of Substances from Wastewater. , 2022, , 365-393.		1
10	Remarkable enhancement of thermal stability of epoxy resin through the incorporation of mesoporous silica micro-filler. Heliyon, 2021, 7, e05959.	3.2	27
11	Thermally stable high-contrast iridescent structural colours from silica colloidal crystals doped with monodisperse spherical black carbon particles. Materials Advances, 2021, 2, 5935-5941.	5.4	5
12	Hetero-network hydrogels crosslinked with silica nanoparticles for strategic control of thermal responsive property. Soft Matter, 2021, 17, 4615-4622.	2.7	3
13	Efficient removal of methylene blue dye from an aqueous solution using silica nanoparticle crosslinked acrylamide hybrid hydrogels. New Journal of Chemistry, 2021, 45, 20107-20119.	2.8	8
14	Temperature depending bioelectrocatalysis current of multicopper oxidase from a hyperthermophilic archaeon Pyrobaculum aerophilum. Electrochemistry Communications, 2021, 125, 106982.	4.7	0
15	Enantioselective Self-Assembled Nanofibrillar Network with Glutamide-Based Organogelator. Nanomaterials, 2021, 11, 1376.	4.1	0
16	Jute cellulose nanocrystal/poly(N,N-dimethylacrylamide-co-3-methacryloxypropyltrimethoxysilane) hybrid hydrogels for removing methylene blue dye from aqueous solution. Journal of Science: Advanced Materials and Devices, 2021, 6, 254-263.	3.1	17
17	A Molecular Shape Recognitive HPLC Stationary Phase Based on a Highly Ordered Amphiphilic Glutamide Molecular Gel. Nanomaterials, 2021, 11, 1574.	4.1	0
18	Selectivity enhancement for the separation of shapeâ€constrained isomers by particle sizeâ€derived molecular ordering and density in reversedâ€phase liquid chromatography. Separation Science Plus, 2021, 4, 296-304.	0.6	1

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19	Supramolecular assembly of glutamide attached terpyridine-lanthanide complex with enhanced chirality and high fluorescence quantum yield. Chemical Physics Letters, 2021, 781, 138968.	2.6	1
20	Efficient extraction of quaternary ammonium alkaloids based on Ï€-conjugated polymer coated porous silica adsorbent. Chemical Engineering Journal, 2021, 426, 131061.	12.7	4
21	Lanthanide ion-doped silica nanohelix: a helical inorganic network acts as a chiral source for metal ions. Chemical Communications, 2021, 57, 4392-4395.	4.1	6
22	Fabrication of Carbon-Like, Ï€-Conjugated Organic Layer on a Nano-Porous Silica Surface. Nanomaterials, 2020, 10, 1882.	4.1	9
23	Extreme enhancement of secondary chirality through coordination-driven steric changes of terpyridyl ligand in glutamide-based molecular gels. RSC Advances, 2020, 10, 29627-29632.	3.6	3
24	Calcium ion mediated rapid wound healing by nano-ZnO doped calcium phosphate-chitosan-alginate biocomposites. Materialia, 2020, 13, 100839.	2.7	32
25	Chirality induction on non-chiral dye-linked polysilsesquioxane in nanohelical structures. Chemical Communications, 2020, 56, 7241-7244.	4.1	12
26	Multi-chiro-informative System Created by a Porphyrin-functionalized Chiral Molecular Assembly. Chemistry Letters, 2020, 49, 368-371.	1.3	8
27	Polymer encapsulation and stabilization of molecular gel-based chiroptical information for strong, tunable circularly polarized luminescence film. Journal of Materials Chemistry C, 2020, 8, 8732-8735.	5.5	9
28	Preparation of novel chitosan/poly (ethylene glycol)/ZnO bionanocomposite for wound healing application: Effect of gentamicin loading. Materialia, 2020, 12, 100785.	2.7	43
29	Spherical fillerâ€promoting thermally conductive pathway in graphiteâ€containing polymer composites for high heat radiation. Journal of Polymer Science, 2020, 58, 607-615.	3.8	6
30	Reduced Graphene Oxide (rGO) Prepared by Metalâ€Induced Reduction of Graphite Oxide: Improved Conductive Behavior of a Poly(methyl methacrylate) (PMMA)/rGO Composite. ChemistrySelect, 2019, 4, 7954-7958.	1.5	5
31	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
32	pH-Sensitive Hydrogel from Polyethylene Oxide and Acrylic acid by Gamma Radiation. Journal of Composites Science, 2019, 3, 58.	3.0	18
33	Emissionâ€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
34	Preparation of High Refractive Index Composite Films Based on Titanium Oxide Nanoparticles Hybridized Hydrophilic Polymers. Nanomaterials, 2019, 9, 514.	4.1	16
35	Monodisperse Surface-Charge-Controlled Black Nanoparticles for Near-Infrared Shielding. ACS Applied Nano Materials, 2019, 2, 3597-3605.	5.0	13
36	Lâ€Lysineâ€derived highly selective stationary phases for hydrophilic interaction chromatography: Effect of chain length on selectivity, efficiency, resolution, and asymmetry. Separation Science Plus, 2019, 2, 42-50.	0.6	5

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37	Facile preparation of an alternating copolymer-based high molecular shape-selective organic phase for reversed-phase liquid chromatography. Journal of Chromatography A, 2018, 1555, 53-61.	3.7	9
38	New Magnetic Polymer Nanocomposites on the Basis of Isotactic Polypropylene and Magnetite Nanoparticles for Adsorption of Ultrahigh Frequency Electromagnetic Waves. Polymer-Plastics Technology and Engineering, 2018, 57, 449-458.	1.9	14
39	High molecular-shape-selective stationary phases for reversed-phase liquid chromatography: A review. TrAC - Trends in Analytical Chemistry, 2018, 108, 381-404.	11.4	34
40	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
41	Enhancement of Thermal Stability and Selectivity by Introducing Aminotriazine Comonomer to Poly(Octadecyl Acrylate)-Grafted Silica as Chromatography Matrix. Separations, 2018, 5, 15.	2.4	3
42	Preparation and characterization of a novel hydrophilic interaction/ion exchange mixedâ€mode chromatographic stationary phase with pyridiniumâ€based zwitterionic polymerâ€grafted porous silica. Journal of Separation Science, 2018, 41, 3957-3965.	2.5	9
43	Development of a regenerative reformer for tar-free syngas production in a steam gasification process. Applied Energy, 2017, 185, 1217-1224.	10.1	14
44	Induction of Strong and Tunable Circularly Polarized Luminescence of Nonchiral, Nonmetal, Lowâ€Molecularâ€Weight Fluorophores Using Chiral Nanotemplates. Angewandte Chemie - International Edition, 2017, 56, 2989-2993.	13.8	205
45	Facile Preparation of Transparent and High Refractive Index Polymer Composites by Polymerization of Monomerâ€“Silicotungstic Acid Mixtures. Chemistry Letters, 2017, 46, 489-491.	1.3	2
46	Octadecylimidazolium ionic liquid-modified magnetic materials: Preparation, adsorption evaluation and their excellent application for honey and cinnamon. Food Chemistry, 2017, 229, 208-214.	8.2	42
47	Induction of Strong and Tunable Circularly Polarized Luminescence of Nonchiral, Nonmetal, Lowâ€Molecularâ€Weight Fluorophores Using Chiral Nanotemplates. Angewandte Chemie, 2017, 129, 3035-3039.	2.0	52
48	Non-conductive, Size-controlled Monodisperse Black Particles Prepared by a One-pot Polymerization and Low-temperature Calcination. Chemistry Letters, 2017, 46, 680-682.	1.3	12
49	Facile preparation of high refractive index polymer films composited with a tungstophosphoric acid. Materials Letters, 2017, 190, 236-239.	2.6	7
50	A room-temperature phosphorescent polymer film containing a molecular web based on one-dimensional chiral stacking of a simple luminophore. Chemical Communications, 2017, 53, 5044-5047.	4.1	12
51	One-pot green process for surface layering with nanodiamonds on polymer microspheres. Journal of Supercritical Fluids, 2017, 127, 217-222.	3.2	8
52	Fabrication of Hollow Silica Microspheres with Orderly Hemispherical Protrusions and Capability for Heat-Induced Controlled Cracking. Langmuir, 2017, 33, 10679-10689.	3.5	6
53	Monodisperse coreâ€“shell melamineâ€“formaldehyde polymer-modified silica microspheres prepared using a facile microwave-assisted method. New Journal of Chemistry, 2017, 41, 11517-11520.	2.8	9
54	Non-chiral Polymer-induced Chirality Enhancement in Lipidic Nanotube-based Hydrogel System. Chemistry Letters, 2017, 46, 1466-1469.	1.3	4

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55	One-pot preparation of polymer microspheres having wrinkled hard surfaces through self-assembly of silica nanoparticles. Chemical Communications, 2017, 53, 9147-9150.	4.1	22
56	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. Chemical Communications, 2017, 53, 8870-8873.	4.1	53
57	Novel Black Organic Phase for Ultra Selective Retention by Surface Modification of Porous Silica. Chemistry Letters, 2017, 46, 1233-1236.	1.3	6
58	A Hetero-network Hydrogel With Self-assembled Nanofibers as Multiple-crosslinkers and Its Liquid-crystal-driven Healing Properties. Colloids and Interface Science Communications, 2017, 19, 9-13.	4.1	5
59	A new route for synthesis of N-methylimidazolium-grafted silica stationary phase and reevaluation in hydrophilic interaction liquid chromatography. Talanta, 2017, 164, 137-140.	5.5	13
60	Synthesis and characterization of hybrid composite aerogels from alginic acid and graphene oxide. IOP Conference Series: Materials Science and Engineering, 2017, 206, 012053.	0.6	5
61	Effects of Alignment of Weak Interaction Sites in Molecular Shape Recognition High-Performance Liquid Chromatography. Separations, 2016, 3, 25.	2.4	0
62	Selective Dynamic Assembly of Disulfide Macrocyclic Helical Foldamers with Remote Communication of Handedness. Angewandte Chemie, 2016, 128, 6962-6966.	2.0	24
63	Selective Dynamic Assembly of Disulfide Macrocyclic Helical Foldamers with Remote Communication of Handedness. Angewandte Chemie - International Edition, 2016, 55, 6848-6852.	13.8	51
64	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
65	Cellulose/boron nitride coreâ€“shell microbeads providing high thermal conductivity for thermally conductive composite sheets. RSC Advances, 2016, 6, 33036-33042.	3.6	38
66	Hybrid mesoporous microspheres from aqueous droplets containing a silica nanoparticleâ€“polymer network in a W/O suspension. RSC Advances, 2016, 6, 42756-42762.	3.6	6
67	Direct Observation of Siloxane Chirality on Twisted and Helical Nanometric Amorphous Silica. Nano Letters, 2016, 16, 6411-6415.	9.1	49
68	Transparent Polymer Films Functionally-Webbed with Glutamide-Based Supramolecular Gels and Their Optical Applications. Kobunshi Ronbunshu, 2016, 73, 30-41.	0.2	1
69	A novel photosensitizer: An l-glutamide lipid conjugate with improved properties for photodynamic therapy. Photochemical and Photobiological Sciences, 2016, 15, 1476-1483.	2.9	5
70	Facile and Versatile Approach for Generating Circularly Polarized Luminescence by Non-chiral, Low-molecular Dye-on-nanotemplate Composite System. Chemistry Letters, 2016, 45, 448-450.	1.3	24
71	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
72	A Facile and Green Method to Prepare Conductive Carbon-coated Polymer Microspheres Using Supercritical Carbon Dioxide. Chemistry Letters, 2016, 45, 92-94.	1.3	6

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73	Meso to Macroporous Microspheres Fabricated by Polymerization of Nanosilica with Polymeric Crosslinker. Chemistry Letters, 2016, 45, 1159-1161.	1.3	0
74	Polymer functionalization by luminescent supramolecular gels. Polymer Journal, 2016, 48, 843-853.	2.7	17
75	Reappraising the validity of poly(3-hexylthiophene) nanostructures in interdigitated bilayer organic solar cells. Solar Energy Materials and Solar Cells, 2016, 147, 68-74.	6.2	3
76	Chiral separation by a terminal chirality triggered P- helical quinoline oligoamide foldamer. Journal of Chromatography A, 2016, 1437, 88-94.	3.7	22
77	Memorized chiral arrangement of gemini surfactant assemblies in nanometric hybrid organicâ€“silica helices. Chemical Communications, 2016, 52, 5800-5803.	4.1	21
78	Modeling of optimum size and shape for high photovoltaic performance of poly(3-hexylthiophene) nanopore in interdigitated bilayer organic solar cells. Organic Electronics, 2016, 28, 59-66.	2.6	8
79	Development of a Novel Reformer for Tar-free Syngas Production. Energy Procedia, 2015, 75, 246-251.	1.8	3
80	Porous silica particles grafted with an amphiphilic sideâ€chain polymer as a stationary phase in reversedâ€phase highâ€performance liquid chromatography. Journal of Separation Science, 2015, 38, 2403-2413.	2.5	7
81	Tunable Stokes shift and circularly polarized luminescence by supramolecular gel. Journal of Materials Chemistry C, 2015, 3, 5970-5975.	5.5	32
82	Microspherical hydrogel particles based on silica nanoparticle-webbed polymer networks. Journal of Colloid and Interface Science, 2015, 455, 32-38.	9.4	16
83	Chemical mechanical polishing of transparent conductive layers using spherical cationic polymer microbeads. Thin Solid Films, 2015, 576, 31-37.	1.8	3
84	In situ helicity inversion of self-assembled nano-helices. Chemical Communications, 2015, 51, 3518-3521.	4.1	21
85	Iron metal induced deoxygenation of graphite oxide nanosheets-insights on the capacitive properties of binder-free electrodes. RSC Advances, 2015, 5, 23367-23373.	3.6	7
86	An <scp>l</scp>-lysine derived organogelator-based stationary phase for mixed-mode liquid chromatography. Analytical Methods, 2015, 7, 3320-3323.	2.7	2
87	Supramolecular gel-functionalized polymer films with tunable optical activity. Journal of Materials Chemistry C, 2015, 3, 1480-1483.	5.5	14
88	Manipulation of discrete porphyrinâ€“fullerene nanopillar arrays regulated by the phase separated infiltration of polymer in ternary blended organic thin-films. Solar Energy Materials and Solar Cells, 2015, 140, 428-438.	6.2	8
89	Design of C₁₈ Organic Phases with Multiple Embedded Polar Groups for Ultraversatile Applications with Ultrahigh Selectivity. Analytical Chemistry, 2015, 87, 6614-6621.	6.5	47
90	Effects of substitution groups of glutamide-derived molecular gels on molecular shape recognition. Journal of Chromatography A, 2015, 1392, 56-62.	3.7	5

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91	Versatile ligands for high-performance liquid chromatography: An overview of ionic liquid-functionalized stationary phases. Analytica Chimica Acta, 2015, 887, 1-16.	5.4	73
92	A remarkable enhancement of selectivity towards versatile analytes by a strategically integrated H-bonding site containing phase. Chemical Communications, 2015, 51, 14243-14246.	4.1	9
93	Photoelectrochemical performance of DSSC with monodisperse and polydisperse ZnO SPs. , 2014, , .		5
94	Molecular Gelationâ€Induced Functional Phase Separation in Polymer Film for Energy Transfer Spectral Conversion. Advanced Functional Materials, 2014, 24, 4105-4112.	14.9	32
95	Chemically tunable cationic polymer-bonded magnetic nanoparticles for gene magnetofection. Journal of Materials Chemistry B, 2014, 2, 644-650.	5.8	10
96	A new<scp>l</scp>-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
97	Anionic and cationic copolymerized ionic liquid-grafted silica as a multifunctional stationary phase for reversed-phase chromatography. Analytical Methods, 2014, 6, 469-475.	2.7	30
98	Creation of a polymer backbone in lipid bilayer membrane-based nanotubes for morphological and microenvironmental stabilization. RSC Advances, 2014, 4, 33194-33197.	3.6	12
99	Homogenous formation and quaternization of urea-functionalized imidazolyl silane and its immobilization on silica for surface-confined ionic liquid stationary phases. RSC Advances, 2014, 4, 34654-34658.	3.6	15
100	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
101	Silica nanoparticle-crosslinked thermosensitive hybrid hydrogels as potential drug-release carriers. Polymer Journal, 2014, 46, 293-300.	2.7	29
102	Copolymer-grafted silica phase from a cationâ€“anion monomer pair for enhanced separation in reversed-phase liquid chromatography. Analytical and Bioanalytical Chemistry, 2014, 406, 3507-3515.	3.7	8
103	Highly hydrophilic and nonionic poly(2-vinyloxazoline)-grafted silica: a novel organic phase for high-selectivity hydrophilic interaction chromatography. Analytical and Bioanalytical Chemistry, 2014, 406, 4585-4593.	3.7	6
104	Molecular orientation of gel forming compounds and their effect on molecular-shape selectivity in liquid chromatography. Journal of Chromatography A, 2014, 1324, 149-154.	3.7	7
105	Chiral Colloids: Homogeneous Suspension of Individualized SiO₂ Helical and Twisted Nanoribbons. ACS Nano, 2014, 8, 6863-6872.	14.6	47
106	A Sulfonicâ€Azobenzeneâ€Grafted Silica Amphiphilic Material: A Versatile Stationary Phase for Mixedâ€Mode Chromatography. Chemistry - A European Journal, 2013, 19, 18004-18010.	3.3	44
107	Gene delivery into human cancer cells by cationic lipid-mediated magnetofection. International Journal of Pharmaceutics, 2013, 446, 87-99.	5.2	31
108	Anion response of organogels: dependence on intermolecular interactions between gelators. Organic and Biomolecular Chemistry, 2013, 11, 1840.	2.8	41

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109	Polyanionic and polyzwitterionic azobenzene ionic liquid-functionalized silica materials and their chromatographic applications. Chemical Communications, 2013, 49, 2454.	4.1	40
110	Thermosensitive hybrid hydrogels with silica nanoparticle-cross-linked polymer networks. Journal of Colloid and Interface Science, 2013, 405, 109-117.	9.4	52
111	Amplifying Emission Enhancement and Proton Response in a Two-Component Gel. Langmuir, 2013, 29, 417-425.	3.5	57
112	Peptide-based surface modified silica particles: adsorption materials for dye-loaded wastewater treatment. RSC Advances, 2013, 3, 23664.	3.6	22
113	Functional Phase Separation in Polymerâ€“Monomer Composite Film: Controlled Induction of Pyrene Orientation. Chemistry Letters, 2013, 42, 1297-1299.	1.3	6
114	Prediction of Heat Recovery Characteristics of Oxyfuel Combustion Boiler Using CFD. , 2013, , 1303-1309.		1
115	Amino-acid-based, lipid-directed,in situsynthesis and fabrication of gold nanoparticles on silica: a metamaterial framework with pronounced catalytic activity. Nanotechnology, 2012, 23, 495301.	2.6	5
116	Organic Thin Layer of Molecular Gel-forming Glutamide Lipid on Silica Particles for Practical Application to Molecular Recognition. Chemistry Letters, 2012, 41, 181-183.	1.3	2
117	Chromatographic evaluation of a newly designed peptide-silica stationary phase in reverse phase liquid chromatography and hydrophilic interaction liquid chromatography: Mixed mode behavior. Journal of Chromatography A, 2012, 1266, 43-52.	3.7	56
118	Enantioselective recognition by a highly ordered porphyrin-assembly on a chiral molecular gel. Chemical Communications, 2012, 48, 4881.	4.1	73
119	A new peptide-silica bio-inspired stationary phase with an improved approach for hydrophilic interaction liquid chromatography. Analyst, The, 2012, 137, 4907.	3.5	18
120	A new imidazolium-embedded C18 stationary phase with enhanced performance in reversed-phase liquid chromatography. Analytica Chimica Acta, 2012, 738, 95-101.	5.4	78
121	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
122	New surface-confined ionic liquid stationary phases with enhanced chromatographic selectivity and stability by co-immobilization of polymerizable anion and cation pairs. Chemical Communications, 2012, 48, 1299-1301.	4.1	71
123	Molecular Shape Recognition through Self-Assembled Molecular Ordering: Evaluation with Determining Architecture and Dynamics. Analytical Chemistry, 2012, 84, 6577-6585.	6.5	31
124	New poly(ionic liquid)-grafted silica multi-mode stationary phase for anion-exchange/reversed-phase/hydrophilic interaction liquid chromatography. Analyst, The, 2012, 137, 2553.	3.5	108
125	Programmable responsive shaping behavior induced by visible multi-dimensional gradients of magnetic nanoparticles. Soft Matter, 2012, 8, 3295.	2.7	66
126	Solvent dependence of helix stability in aromatic oligoamide foldamers. Chemical Communications, 2012, 48, 6337.	4.1	86

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127	A Smart Gelator as a Chemosensor: Application to Integrated Logic Gates in Solution, Gel, and Film. Chemistry - A European Journal, 2012, 18, 3549-3558.	3.3	61
128	Selectivity enhancement for the separation of tocopherols and steroids by integration of highly ordered weak interaction sites along the polymer main chain. Analytical and Bioanalytical Chemistry, 2012, 404, 229-238.	3.7	11
129	Enhancement of molecular shape selectivity by in situ anion-exchange in poly(octadecylimidazolium) silica column. Journal of Chromatography A, 2012, 1232, 116-122.	3.7	39
130	Molecular-shape selective high-performance liquid chromatography: Stabilization effect of polymer main chain by alternating copolymerization. Journal of Chromatography A, 2012, 1232, 183-189.	3.7	10
131	Strategy for preparation of hybrid polymer hydrogels using silicananoparticles as multifunctional crosslinking points. Chemical Communications, 2011, 47, 1024-1026.	4.1	45
132	Solvent-dependent photophysical and anion responsive properties of one glutamide gelator. Soft Matter, 2011, 7, 8296.	2.7	49
133	Strategic achievement for the baseline separation of tocopherol isomers by integration of weak interaction sites on alternating copolymer. Analytical Methods, 2011, 3, 1277.	2.7	12
134	Highly Oriented Donor-Acceptor Molecules within Electrospun Nanofibers. Molecular Crystals and Liquid Crystals, 2011, 539, 40/[380]-44/[384].	0.9	0
135	Molecular-shape selectivity by molecular gel-forming compounds: bioactive and shape-constrained isomers through the integration and orientation of weak interaction sites. Chemical Communications, 2011, 47, 10341.	4.1	22
136	Tuning of Molecular Orientation of Porphyrin Assembly According to Monitoring the Chiroptical Signals. Molecular Crystals and Liquid Crystals, 2011, 539, 63/[403]-67/[407].	0.9	9
137	Synthesis and Transfection Efficiency of Cationic Oligopeptide Lipids: Role of Linker. Bioconjugate Chemistry, 2011, 22, 2244-2254.	3.6	23
138	Incorporation and Template Polymerization of Styrene in Single-walled Bilayer Membrane Nanotubes. Chemistry Letters, 2011, 40, 561-563.	1.3	11
139	Facile and versatile method for preparing coreâ€“shell microspheres with controlled surface structures based on silica particles-monolayer. Materials Chemistry and Physics, 2011, 129, 871-880.	4.0	15
140	Preparation of multilayered organicâ€“inorganic hybrid coreâ€“shell particles by stepwise surface formation. Materials Letters, 2011, 65, 1407-1409.	2.6	10
141	A Facile and Specific Approach to New Liquid Chromatography Adsorbents Obtained by Ionic Selfâ€Assembly. Chemistry - A European Journal, 2011, 17, 7288-7297.	3.3	37
142	Noncovalent Oneâ€toâ€One Donorâ€“Acceptor Assembled Systems Based on Porphyrin Molecular Gels for Unusually High Electronâ€Transfer Efficiency. Chemistry - A European Journal, 2011, 17, 11628-11636.	3.3	24
143	Informative secondary chiroptics in binary molecular organogel systems for donorâ€“acceptor energy transfer. Tetrahedron Letters, 2011, 52, 4030-4035.	1.4	22
144	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. Bulletin of the Korean Chemical Society, 2011, 32, 77-82.	1.9	2

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145	Ultrastrong Gravity-induced Unusual Reactivity in Radical Addition of Bromotrichloromethane to Ethyl Cinnamate. Chemistry Letters, 2010, 39, 174-175.	1.3	3
146	Enhancement of Discrimination Ability for cis- and trans-Decalins through Side-chain Ordering in Comb-shaped Polymer. Chemistry Letters, 2010, 39, 844-845.	1.3	2
147	Preparation of Dispersible Chitosan Particles with Borate Crosslinking for Antimicrobial and Antifungal Application. Chemistry Letters, 2010, 39, 935-937.	1.3	3
148	Complete chromatographic separation of steroids, including 17Î± and 17Î²-estradiols, using a carbazole-based polymeric organic phase in both reversed and normal-phase HPLC. Analytical and Bioanalytical Chemistry, 2010, 397, 623-629.	3.7	14
149	Amphiphilic molecular gels from Ï‰-aminoalkylated l-glutamic acid derivatives with unique chiroptical properties. Amino Acids, 2010, 39, 587-597.	2.7	29
150	Preparation of highâ€selective HPLC packing materials based on alternating copolymerâ€grafted silica. Journal of Separation Science, 2010, 33, 2977-2989.	2.5	6
151	Controlled emission enhancement and quenching by self-assembly of low molecular weight thiophene derivatives. Tetrahedron Letters, 2010, 51, 4666-4669.	1.4	17
152	Investigation of Ï€â€“Ï€ and ionâ€“dipole interactions on 1-allyl-3-butylimidazolium ionic liquid-modified silica stationary phase in reversed-phase liquid chromatography. Journal of Chromatography A, 2010, 1217, 5190-5196.	3.7	86
153	Highly efficient and switchable electron-transfer system realised by peptide-assisted J-type assembly of porphyrin. Chemical Communications, 2010, 46, 7208.	4.1	24
154	Enclosure of Secondary Chirality Based on Highlyâ€Oriented Lipid Aggregates into a Polymer Sheet by Photoâ€Induced Polymerization of Polymerizable Monomer Gels. Macromolecular Symposia, 2010, 291-292, 330-336.	0.7	4
155	Versatile chiroptics of peptide-induced assemblies of metalloporphyrins. Organic and Biomolecular Chemistry, 2010, 8, 1344.	2.8	19
156	Novel Approach for the Separation of Shape-Constrained Isomers with Alternating Copolymer-Grafted Silica in Reversed-Phase Liquid Chromatography. Analytical Chemistry, 2010, 82, 3320-3328.	6.5	40
157	Hybrid Self-Assembly of a Ï€ Gelator and Fullerene Derivative with Photoinduced Electron Transfer for Photocurrent Generation. Langmuir, 2010, 26, 6669-6675.	3.5	66
158	New strategy for drastic enhancement of selectivity via chemical modification of counter anions in ionic liquid polymer phase. Chemical Communications, 2010, 46, 8740.	4.1	73
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