

# Hiroataka Ihara

## List of Publications by Year in Descending Order

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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.

302  
papers

6,233  
citations

43  
h-index

62  
g-index

313  
ext. papers

6,739  
ext. citations

4.2  
avg, IF

5.64  
L-index

#	Paper	IF	Citations
302	Chemical redox-induced chiroptical switching of supramolecular assemblies of viologens.. <i>RSC Advances</i> , <b>2022</b> , 12, 2019-2025	3.7	1
301	Functionalized aluminum oxide by immobilization of totally organic aromatic polymer spherical nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2022</b> , 640, 128438	5.1	1
300	Fabrication of naphthol-based phenolic polymer coated-silica for mixed-mode chromatography. <i>Journal of Chromatography Open</i> , <b>2022</b> , 2, 100028		0
299	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> , <b>2022</b> , 637, 128188	5.1	0
298	Nanomaterial Hybridized Hydrogels as a Potential Adsorbent for Toxic Remediation of Substances from Wastewater <b>2022</b> , 365-393		0
297	Remarkable enhancement of thermal stability of epoxy resin through the incorporation of mesoporous silica micro-filler. <i>Heliyon</i> , <b>2021</b> , 7, e05959	3.6	7
296	Thermally stable high-contrast iridescent structural colours from silica colloidal crystals doped with monodisperse spherical black carbon particles. <i>Materials Advances</i> , <b>2021</b> , 2, 5935-5941	3.3	0
295	Hetero-network hydrogels crosslinked with silica nanoparticles for strategic control of thermal responsive property. <i>Soft Matter</i> , <b>2021</b> , 17, 4615-4622	3.6	2
294	Chirality induction to achiral molecules by silica-coated chiral molecular assemblies. <i>Chirality</i> , <b>2021</b> , 33, 494-505	2.1	1
293	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> , <b>2021</b> , 4, 296-304	1.1	
292	Supramolecular assembly of glutamide attached terpyridine-lanthanide complex with enhanced chirality and high fluorescence quantum yield. <i>Chemical Physics Letters</i> , <b>2021</b> , 781, 138968	2.5	
291	Preparation of porous carbon nanomaterials and their application in sample preparation: A review. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2021</b> , 143, 116421	14.6	11
290	Efficient extraction of quaternary ammonium alkaloids based on E-conjugated polymer coated porous silica adsorbent. <i>Chemical Engineering Journal</i> , <b>2021</b> , 426, 131061	14.7	0
289	Lanthanide ion-doped silica nanohelix: a helical inorganic network acts as a chiral source for metal ions. <i>Chemical Communications</i> , <b>2021</b> , 57, 4392-4395	5.8	3
288	Chirality induction on non-chiral dye-linked polysilsesquioxane in nanohelical structures. <i>Chemical Communications</i> , <b>2020</b> , 56, 7241-7244	5.8	9
287	Multi-chiro-informative System Created by a Porphyrin-functionalized Chiral Molecular Assembly. <i>Chemistry Letters</i> , <b>2020</b> , 49, 368-371	1.7	2
286	Polymer encapsulation and stabilization of molecular gel-based chiroptical information for strong, tunable circularly polarized luminescence film. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 8732-8735	7.1	5

285	Chiroptical property tuning of supramolecular assemblies in polymer matrices. <i>Chirality</i> , <b>2020</b> , 32, 704-709	2.0	2
284	Spherical filler-promoting thermally conductive pathway in graphite-containing polymer composites for high heat radiation. <i>Journal of Polymer Science</i> , <b>2020</b> , 58, 607-615	2.4	2
283	Dispersible chitosan particles showing bacteriostatic effect against and their dental polishing effect. <i>Bioscience, Biotechnology and Biochemistry</i> , <b>2020</b> , 84, 1265-1273	2.1	1
282	Fabrication of Carbon-Like, π-Conjugated Organic Layer on a Nano-Porous Silica Surface. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	3
281	Extreme enhancement of secondary chirality through coordination-driven steric changes of terpyridyl ligand in glutamide-based molecular gels.. <i>RSC Advances</i> , <b>2020</b> , 10, 29627-29632	3.7	1
280	Fabrication of Fluorescent One-dimensional-nanocomposites through One-pot Self-assembling Polymerization on Nano-helical Silica. <i>Chemistry Letters</i> , <b>2019</b> , 48, 1088-1091	1.7	4
279	Emission-Color Control in Polymer Films by Memorized Fluorescence Solvatochromism in a New Class of Totally Organic Fluorescent Nanogel Particles. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 10141-10148	4.8	3
278	Preparation of High Refractive Index Composite Films Based on Titanium Oxide Nanoparticles Hybridized Hydrophilic Polymers. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	12
277	Monodisperse Surface-Charge-Controlled Black Nanoparticles for Near-Infrared Shielding. <i>ACS Applied Nano Materials</i> , <b>2019</b> , 2, 3597-3605	5.6	11
276	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> , <b>2019</b> , 2, 42-50	1.1	3
275	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> , <b>2019</b> , 4, 7954-7958	1.8	4
274	A Tale of Chirality Transfer, Multistep Chirality Transfer from Molecules to Molecular Assemblies, Organic to Inorganic Materials, Then to Functional Materials <b>2019</b> , 107-136		
273	Supramolecular Web and Application for Chiroptical Functionalization of Polymer <b>2019</b> , 297-337		0
272	Facile preparation of an alternating copolymer-based high molecular shape-selective organic phase for reversed-phase liquid chromatography. <i>Journal of Chromatography A</i> , <b>2018</b> , 1555, 53-61	4.5	6
271	Thermal and Optical Properties of In and In <sub>2</sub> O <sub>3</sub> Nanoparticles Synthesized Using Pulsed Plasma in Water. <i>Physica Status Solidi (A) Applications and Materials Science</i> , <b>2018</b> , 215, 1700910	1.6	
270	Peptide-Based Derivative-Grafted Silica for Molecular Recognition System: Synthesis and Characterization <b>2018</b> , 235-294		
269	Induced circular dichroism of monoatomic anions: silica-assisted the transfer of chiral environment from molecular assembled nanohelices to halide ions. <i>Chemical Communications</i> , <b>2018</b> , 54, 10244-10247	5.8	14
268	Enhancement of Thermal Stability and Selectivity by Introducing Aminotriazine Comonomer to Poly(Octadecyl Acrylate)-Grafted Silica as Chromatography Matrix. <i>Separations</i> , <b>2018</b> , 5, 15	3.1	1

267	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> , <b>2018</b> , 41, 3957-3965	3.4	6
266	Amphiphilic spherical nanoparticles with a nitrogen-enriched carbon-like surface by using $\beta$ -lactoglobulin as a template. <i>Chemical Communications</i> , <b>2018</b> , 54, 13204-13207	5.8	5
265	High molecular-shape-selective stationary phases for reversed-phase liquid chromatography: A review. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2018</b> , 108, 381-404	14.6	19
264	Generation of strong circularly polarized luminescence induced by chiral organogel based on L-glutamide. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2018</b> , 92, 58-62	5.3	1
263	Induction of Strong and Tunable Circularly Polarized Luminescence of Nonchiral, Nonmetal, Low-Molecular-Weight Fluorophores Using Chiral Nanotemplates. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 2989-2993	16.4	146
262	Facile Preparation of Transparent and High Refractive Index Polymer Composites by Polymerization of Monomer Silicotungstic Acid Mixtures. <i>Chemistry Letters</i> , <b>2017</b> , 46, 489-491	1.7	2
261	Octadecylimidazolium ionic liquid-modified magnetic materials: Preparation, adsorption evaluation and their excellent application for honey and cinnamon. <i>Food Chemistry</i> , <b>2017</b> , 229, 208-214	8.5	32
260	Induction of Strong and Tunable Circularly Polarized Luminescence of Nonchiral, Nonmetal, Low-Molecular-Weight Fluorophores Using Chiral Nanotemplates. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 3035-3039	3.6	35
259	Non-conductive, Size-controlled Monodisperse Black Particles Prepared by a One-pot Polymerization and Low-temperature Calcination. <i>Chemistry Letters</i> , <b>2017</b> , 46, 680-682	1.7	9
258	Enhancement of the Mie scattering effect using floatstone-like TiO <sub>2</sub> spherical micropigment. <i>Coloration Technology</i> , <b>2017</b> , 133, 187-193	2	
257	A room-temperature phosphorescent polymer film containing a molecular web based on one-dimensional chiral stacking of a simple luminophore. <i>Chemical Communications</i> , <b>2017</b> , 53, 5044-5047	5.8	9
256	One-pot green process for surface layering with nanodiamonds on polymer microspheres. <i>Journal of Supercritical Fluids</i> , <b>2017</b> , 127, 217-222	4.2	6
255	Static Electricity-Responsive Supramolecular Assembly. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 16961-16965	1.6	1
254	Fabrication of Hollow Silica Microspheres with Orderly Hemispherical Protrusions and Capability for Heat-Induced Controlled Cracking. <i>Langmuir</i> , <b>2017</b> , 33, 10679-10689	4	3
253	Monodisperse core-shell melamine-formaldehyde polymer-modified silica microspheres prepared using a facile microwave-assisted method. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 11517-11520	3.6	6
252	Non-chiral Polymer-induced Chirality Enhancement in Lipidic Nanotube-based Hydrogel System. <i>Chemistry Letters</i> , <b>2017</b> , 46, 1466-1469	1.7	3
251	One-pot preparation of polymer microspheres having wrinkled hard surfaces through self-assembly of silica nanoparticles. <i>Chemical Communications</i> , <b>2017</b> , 53, 9147-9150	5.8	17
250	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> , <b>2017</b> , 53, 8870-8873	5.8	39

249	Novel Black Organic Phase for Ultra Selective Retention by Surface Modification of Porous Silica. <i>Chemistry Letters</i> , <b>2017</b> , 46, 1233-1236	1.7	4
248	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> , <b>2017</b> , 19, 9-13	5.4	5
247	A new route for synthesis of N-methylimidazolium-grafted silica stationary phase and reevaluation in hydrophilic interaction liquid chromatography. <i>Talanta</i> , <b>2017</b> , 164, 137-140	6.2	11
246	A novel photosensitizer: An l-glutamide lipid conjugate with improved properties for photodynamic therapy. <i>Photochemical and Photobiological Sciences</i> , <b>2016</b> , 15, 1476-1483	4.2	5
245	Facile and Versatile Approach for Generating Circularly Polarized Luminescence by Non-chiral, Low-molecular Dye-on-nanotemplate Composite System. <i>Chemistry Letters</i> , <b>2016</b> , 45, 448-450	1.7	21
244	Tuning of Separation Mode Using Pyridinium Salt-branched Ionic Polymer-grafted Silica as Stationary Phase in HPLC. <i>Chemistry Letters</i> , <b>2016</b> , 45, 13-15	1.7	2
243	A Facile and Green Method to Prepare Conductive Carbon-coated Polymer Microspheres Using Supercritical Carbon Dioxide. <i>Chemistry Letters</i> , <b>2016</b> , 45, 92-94	1.7	6
242	Meso to Macroporous Microspheres Fabricated by Polymerization of Nanosilica with Polymeric Crosslinker. <i>Chemistry Letters</i> , <b>2016</b> , 45, 1159-1161	1.7	
241	Polymer functionalization by luminescent supramolecular gels. <i>Polymer Journal</i> , <b>2016</b> , 48, 843-853	2.7	14
240	Chiral separation by a terminal chirality triggered P-helical quinoline oligoamide foldamer. <i>Journal of Chromatography A</i> , <b>2016</b> , 1437, 88-94	4.5	19
239	Memorized chiral arrangement of gemini surfactant assemblies in nanometric hybrid organic-silica helices. <i>Chemical Communications</i> , <b>2016</b> , 52, 5800-3	5.8	15
238	Facile preparation method for polymer and exfoliated graphite composites and their application as conduction-promoting materials. <i>RSC Advances</i> , <b>2016</b> , 6, 25776-25779	3.7	2
237	Poly(N-4-vinylbenzyl-1,4,7-triazacyclononane) Copper Complex Grafted Solid Catalyst for Oxidative Polymerization of 2,6-Dimethylphenol. <i>Molecules</i> , <b>2016</b> , 21, 146	4.8	1
236	Effects of Alignment of Weak Interaction Sites in Molecular Shape Recognition High-Performance Liquid Chromatography. <i>Separations</i> , <b>2016</b> , 3, 25	3.1	
235	Selective Dynamic Assembly of Disulfide Macrocyclic Helical Foldamers with Remote Communication of Handedness. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 6962-6966	3.6	24
234	Selective Dynamic Assembly of Disulfide Macrocyclic Helical Foldamers with Remote Communication of Handedness. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 6848-52	16.4	45
233	Titelbild: Selective Dynamic Assembly of Disulfide Macrocyclic Helical Foldamers with Remote Communication of Handedness (Angew. Chem. 24/2016). <i>Angewandte Chemie</i> , <b>2016</b> , 128, 6907-6907	3.6	
232	Cellulose/boron nitride core-shell microbeads providing high thermal conductivity for thermally conductive composite sheets. <i>RSC Advances</i> , <b>2016</b> , 6, 33036-33042	3.7	30

231	Direct Observation of Siloxane Chirality on Twisted and Helical Nanometric Amorphous Silica. <i>Nano Letters</i> , <b>2016</b> , 16, 6411-6415	11.5	37
230	Iron metal induced deoxygenation of graphite oxide nanosheets-insights on the capacitive properties of binder-free electrodes. <i>RSC Advances</i> , <b>2015</b> , 5, 23367-23373	3.7	7
229	An L-lysine derived organogelator-based stationary phase for mixed-mode liquid chromatography. <i>Analytical Methods</i> , <b>2015</b> , 7, 3320-3323	3.2	2
228	The development of a highly conductive PEDOT system by doping with partially crystalline sulfated cellulose and its electric conductivity. <i>Journal of Materials Chemistry C</i> , <b>2015</b> , 3, 8881-8887	7.1	38
227	Supramolecular gel-functionalized polymer films with tunable optical activity. <i>Journal of Materials Chemistry C</i> , <b>2015</b> , 3, 1480-1483	7.1	10
226	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> , <b>2015</b> , 140, 428-438	6.4	6
225	Design of C18 Organic Phases with Multiple Embedded Polar Groups for Ultraversatile Applications with Ultrahigh Selectivity. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 6614-21	7.8	41
224	Effects of substitution groups of glutamide-derived molecular gels on molecular shape recognition. <i>Journal of Chromatography A</i> , <b>2015</b> , 1392, 56-62	4.5	4
223	Versatile ligands for high-performance liquid chromatography: An overview of ionic liquid-functionalized stationary phases. <i>Analytica Chimica Acta</i> , <b>2015</b> , 887, 1-16	6.6	62
222	A remarkable enhancement of selectivity towards versatile analytes by a strategically integrated H-bonding site containing phase. <i>Chemical Communications</i> , <b>2015</b> , 51, 14243-6	5.8	8
221	A Bioinspired Swimming and Walking Hydrogel Driven by Light-Controlled Local Density. <i>Advanced Science</i> , <b>2015</b> , 2, 1500084	13.6	43
220	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> , <b>2015</b> , 38, 2403-13	3.4	6
219	Sn and SnO <sub>2</sub> nanoparticles by pulsed plasma in liquid: Synthesis, characterization and applications. <i>Physica Status Solidi (A) Applications and Materials Science</i> , <b>2015</b> , 212, 2951-2957	1.6	8
218	Tunable Stokes shift and circularly polarized luminescence by supramolecular gel. <i>Journal of Materials Chemistry C</i> , <b>2015</b> , 3, 5970-5975	7.1	25
217	Microspherical hydrogel particles based on silica nanoparticle-webbed polymer networks. <i>Journal of Colloid and Interface Science</i> , <b>2015</b> , 455, 32-8	9.3	13
216	In situ helicity inversion of self-assembled nano-helices. <i>Chemical Communications</i> , <b>2015</b> , 51, 3518-21	5.8	19
215	A new L-lysine derived highly molecular-shape selective organic phase with ordered functional groups for reversed-phase liquid chromatography. <i>Analytical Methods</i> , <b>2014</b> , 6, 5459	3.2	3
214	Anionic and cationic copolymerized ionic liquid-grafted silica as a multifunctional stationary phase for reversed-phase chromatography. <i>Analytical Methods</i> , <b>2014</b> , 6, 469-475	3.2	26

213	The simplest method for fabrication of high refractive index polymer-metal oxide hybrids based on a soap-free process. <i>Chemical Communications</i> , <b>2014</b> , 50, 10611-4	5.8	13
212	Creation of a polymer backbone in lipid bilayer membrane-based nanotubes for morphological and microenvironmental stabilization. <i>RSC Advances</i> , <b>2014</b> , 4, 33194-33197	3.7	8
211	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> , <b>2014</b> , 4, 34654-34658 <sup>11</sup>	2.7	11
210	Multi-mode chromatographic evaluation of a new lysine-silica stationary phase for high-performance liquid chromatography. <i>Analytical Methods</i> , <b>2014</b> , 6, 7674-7680	3.2	3
209	Silica nanoparticle-crosslinked thermosensitive hybrid hydrogels as potential drug-release carriers. <i>Polymer Journal</i> , <b>2014</b> , 46, 293-300	2.7	25
208	Copolymer-grafted silica phase from a cation-anion monomer pair for enhanced separation in reversed-phase liquid chromatography. <i>Analytical and Bioanalytical Chemistry</i> , <b>2014</b> , 406, 3507-15	4.4	6
207	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> , <b>2014</b> , 406, 4585-93	4.4	6
206	Molecular orientation of gel forming compounds and their effect on molecular-shape selectivity in liquid chromatography. <i>Journal of Chromatography A</i> , <b>2014</b> , 1324, 149-54	4.5	5
205	Chiral colloids: homogeneous suspension of individualized SiO <sub>2</sub> helical and twisted nanoribbons. <i>ACS Nano</i> , <b>2014</b> , 8, 6863-72	16.7	39
204	Photoelectrochemical performance of DSSC with monodisperse and polydisperse ZnO SPs <b>2014</b> ,		5
203	Synthesis of a Series of Malonic Diester Introduced Fullerene Derivatives. <i>Synthetic Communications</i> , <b>2014</b> , 44, 275-279	1.7	5
202	Molecular Gelation-Induced Functional Phase Separation in Polymer Film for Energy Transfer Spectral Conversion. <i>Advanced Functional Materials</i> , <b>2014</b> , 24, 4105-4112	15.6	29
201	Preparation and chromatographic evaluation of new branch-type diamide-embedded octadecyl stationary phase with enhanced shape selectivity. <i>Analytica Chimica Acta</i> , <b>2014</b> , 833, 48-55	6.6	20
200	A sulfonic-azobenzene-grafted silica amphiphilic material: a versatile stationary phase for mixed-mode chromatography. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 18004-10	4.8	44
199	Anion response of organogels: dependence on intermolecular interactions between gelators. <i>Organic and Biomolecular Chemistry</i> , <b>2013</b> , 11, 1840-7	3.9	38
198	Polyanionic and polyzwitterionic azobenzene ionic liquid-functionalized silica materials and their chromatographic applications. <i>Chemical Communications</i> , <b>2013</b> , 49, 2454-6	5.8	36
197	Thermosensitive hybrid hydrogels with silica nanoparticle-cross-linked polymer networks. <i>Journal of Colloid and Interface Science</i> , <b>2013</b> , 405, 109-17	9.3	43
196	Amplifying emission enhancement and proton response in a two-component gel. <i>Langmuir</i> , <b>2013</b> , 29, 417-25	4	50

195	Peptide-based surface modified silica particles: adsorption materials for dye-loaded wastewater treatment. <i>RSC Advances</i> , <b>2013</b> , 3, 23664	3.7	18
194	Functional Phase Separation in Polymer/Monomer Composite Film: Controlled Induction of Pyrene Orientation. <i>Chemistry Letters</i> , <b>2013</b> , 42, 1297-1299	1.7	6
193	Organic Thin Layer of Molecular Gel-forming Glutamide Lipid on Silica Particles for Practical Application to Molecular Recognition. <i>Chemistry Letters</i> , <b>2012</b> , 41, 181-183	1.7	2
192	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> , <b>2012</b> , 1266, 43-52	4.5	50
191	Molecular gel-mediated UV-to-visible spectral conversion for enhancement of power-conversion efficiency. <i>Chemical Communications</i> , <b>2012</b> , 48, 1144-6	5.8	20
190	Enantioselective recognition by a highly ordered porphyrin-assembly on a chiral molecular gel. <i>Chemical Communications</i> , <b>2012</b> , 48, 4881-3	5.8	64
189	A new peptide-silica bio-inspired stationary phase with an improved approach for hydrophilic interaction liquid chromatography. <i>Analyst, The</i> , <b>2012</b> , 137, 4907-9	5	18
188	A new imidazolium-embedded C18 stationary phase with enhanced performance in reversed-phase liquid chromatography. <i>Analytica Chimica Acta</i> , <b>2012</b> , 738, 95-101	6.6	70
187	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. <i>Separation Science and Technology</i> , <b>2012</b> , 47, 621-629	2.5	
186	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> , <b>2012</b> , 48, 1299-301	5.8	68
185	Molecular shape recognition through self-assembled molecular ordering: evaluation with determining architecture and dynamics. <i>Analytical Chemistry</i> , <b>2012</b> , 84, 6577-85	7.8	26
184	New poly(ionic liquid)-grafted silica multi-mode stationary phase for anion-exchange/reversed-phase/hydrophilic interaction liquid chromatography. <i>Analyst, The</i> , <b>2012</b> , 137, 2553-5	5	104
183	Programmable responsive shaping behavior induced by visible multi-dimensional gradients of magnetic nanoparticles. <i>Soft Matter</i> , <b>2012</b> , 8, 3295	3.6	52
182	Solvent dependence of helix stability in aromatic oligoamide foldamers. <i>Chemical Communications</i> , <b>2012</b> ,	5.8	70
181	A smart gelator as a chemosensor: application to integrated logic gates in solution, gel, and film. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 3549-58	4.8	58
180	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> , <b>2012</b> , 404, 229-38	4.4	10
179	Preparation and characterization of dispersible chitosan particles with borate crosslinking and their antimicrobial and antifungal activity. <i>Carbohydrate Research</i> , <b>2012</b> , 349, 52-8	2.9	22
178	Enhancement of molecular shape selectivity by in situ anion-exchange in poly(octadecylimidazolium) silica column. <i>Journal of Chromatography A</i> , <b>2012</b> , 1232, 116-22	4.5	37



177	Molecular-shape selective high-performance liquid chromatography: stabilization effect of polymer main chain by alternating copolymerization. <i>Journal of Chromatography A</i> , <b>2012</b> , 1232, 183-9	4.5	8
176	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> , <b>2012</b> , 23, 495301	3.4	4
175	Synthesis and transfection efficiency of cationic oligopeptide lipids: role of linker. <i>Bioconjugate Chemistry</i> , <b>2011</b> , 22, 2244-54	6.3	21
174	Incorporation and Template Polymerization of Styrene in Single-walled Bilayer Membrane Nanotubes. <i>Chemistry Letters</i> , <b>2011</b> , 40, 561-563	1.7	10
173	Facile and versatile method for preparing core-shell microspheres with controlled surface structures based on silica particles-monolayer. <i>Materials Chemistry and Physics</i> , <b>2011</b> , 129, 871-880	4.4	13
172	Preparation of multilayered organic-organic hybrid core-shell particles by stepwise surface formation. <i>Materials Letters</i> , <b>2011</b> , 65, 1407-1409	3.3	10
171	A facile and specific approach to new liquid chromatography adsorbents obtained by ionic self-assembly. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 7288-97	4.8	32
170	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> , <b>2011</b> , 17, 11628-36	4.8	23
169	Strategy for preparation of hybrid polymer hydrogels using silica nanoparticles as multifunctional crosslinking points. <i>Chemical Communications</i> , <b>2011</b> , 47, 1024-6	5.8	43
168	Solvent-dependent photophysical and anion responsive properties of one glutamide gelator. <i>Soft Matter</i> , <b>2011</b> , 7, 8296	3.6	48
167	Strategic achievement for the baseline separation of tocopherol isomers by integration of weak interaction sites on alternating copolymer. <i>Analytical Methods</i> , <b>2011</b> , 3, 1277	3.2	11
166	Highly Oriented Donor-Acceptor Molecules within Electrospun Nanofibers. <i>Molecular Crystals and Liquid Crystals</i> , <b>2011</b> , 539, 40/[380]-44/[384]	0.5	
165	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> , <b>2011</b> , 47, 10341-3	5.8	19
164	Tuning of Molecular Orientation of Porphyrin Assembly According to Monitoring the Chiroptical Signals. <i>Molecular Crystals and Liquid Crystals</i> , <b>2011</b> , 539, 63/[403]-67/[407]	0.5	6
163	Informative secondary chiroptics in binary molecular organogel systems for donor-acceptor energy transfer. <i>Tetrahedron Letters</i> , <b>2011</b> , 52, 4030-4035	2	20
162	Highly efficient and switchable electron-transfer system realised by peptide-assisted J-type assembly of porphyrin. <i>Chemical Communications</i> , <b>2010</b> , 46, 7208-10	5.8	21
161	Enclosure of Secondary Chirality Based on Highly-Oriented Lipid Aggregates into a Polymer Sheet by Photo-Induced Polymerization of Polymerizable Monomer Gels. <i>Macromolecular Symposia</i> , <b>2010</b> , 291-292, 330-336	0.8	3
160	Versatile chiroptics of peptide-induced assemblies of metalloporphyrins. <i>Organic and Biomolecular Chemistry</i> , <b>2010</b> , 8, 1344-50	3.9	18

- 159 Novel approach for the separation of shape-constrained isomers with alternating copolymer-grafted silica in reversed-phase liquid chromatography. *Analytical Chemistry*, **2010**, 82, 3320-8<sup>7.8</sup> 36
- 158 Hybrid self-assembly of a pi gelator and fullerene derivative with photoinduced electron transfer for photocurrent generation. *Langmuir*, **2010**, 26, 6669-75 4 62
- 157 New strategy for drastic enhancement of selectivity via chemical modification of counter anions in ionic liquid polymer phase. *Chemical Communications*, **2010**, 46, 8740-2 5.8 69
- 156 Enhancement of Discrimination Ability for cis- and trans-Decalins through Side-chain Ordering in Comb-shaped Polymer. *Chemistry Letters*, **2010**, 39, 844-845 1.7 1
- 155 Complete chromatographic separation of steroids, including 17alpha and 17beta-estradiols, using a carbazole-based polymeric organic phase in both reversed and normal-phase HPLC. *Analytical and Bioanalytical Chemistry*, **2010**, 397, 623-9 4.4 13
- 154 Amphiphilic molecular gels from omega-aminoalkylated L-glutamic acid derivatives with unique chiroptical properties. *Amino Acids*, **2010**, 39, 587-97 3.5 24
- 153 Synthesis and characterization of poly(ionic liquid)-grafted silica hybrid materials through surface radical chain-transfer polymerization and aqueous anion-exchange. *Materials Letters*, **2010**, 64, 1653-1655<sup>3.3</sup> 37
- 152 Preparation of high-selective HPLC packing materials based on alternating copolymer-grafted silica. *Journal of Separation Science*, **2010**, 33, 2977-89 3.4 5
- 151 Controlled emission enhancement and quenching by self-assembly of low molecular weight thiophene derivatives. *Tetrahedron Letters*, **2010**, 51, 4666-4669 2 15
- 150 Investigation of pi-pi and ion-dipole interactions on 1-allyl-3-butylimidazolium ionic liquid-modified silica stationary phase in reversed-phase liquid chromatography. *Journal of Chromatography A*, **2010**, 1217, 5190-6 4.5 80
- 149 A facile preparation method for self-assembled monolayers with silica particles on polystyrene-based microspheres. *Materials Chemistry and Physics*, **2009**, 114, 1-5 4.4 12
- 148 Self-assembly of a chiral lipid gelator controlled by solvent and speed of gelation. *Chemistry - A European Journal*, **2009**, 15, 9824-35 4.8 62
- 147 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. *European Polymer Journal*, **2009**, 45, 1811-1819 5.2 7
- 146 Poly(2-N-carbazolyethyl acrylate)-modified silica as a new polymeric stationary phase for reversed-phase high-performance liquid chromatography. *Journal of Chromatography A*, **2009**, 1216, 7422-6 4.5 9
- 145 Molecular-shape selectivity tuned by donor-acceptor type copolymers as organic phase in reversed-phase high-performance liquid chromatography. *Journal of Chromatography A*, **2009**, 1216, 7433-9 4.5 11
- 144 Effect of the direction of ester linkage on molecular shape selectivity through multiple carbonyl-pi interaction with octadecyl chain branched polymers as organic phases in reversed-phase high-performance liquid chromatography. *Journal of Chromatography A*, **2009**, 1216, 7440-5 4.5 3
- 143 Controllable shape selectivity based on highly ordered carbonyl and methyl groups in simple beta-structural polypeptide on silica. *Journal of Chromatography A*, **2009**, 1216, 6170-6 4.5 11
- 142 Liquid Chromatography under Limiting Conditions of Desorption IV. Separation of Macromolecules According to Their Stereoregularity. *Polymer Journal*, **2009**, 41, 1144-1151 2.7 12

141	Nanosized hybrid oligoamide foldamers: aromatic templates for the folding of multiple aliphatic units. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 8642-8	16.4	64
140	Novel Surface-Attachable Multifunctional Initiators: Synthesis, Grafting, and Polymerization in Aprotic and Protic Solvents. <i>Macromolecules</i> , <b>2009</b> , 42, 4539-4546	5.5	8
139	Evaluation of selectivity for L-glutamide-derived highly ordered assemblies in reversed-phase high-performance liquid chromatography. <i>Talanta</i> , <b>2009</b> , 77, 1228-37	6.2	2
138	Polycondensation and stabilization of chirally ordered molecular organogels derived from alkoxyisilyl group- containing L-glutamide lipid. <i>Langmuir</i> , <b>2009</b> , 25, 8428-33	4	11
137	Nucleotide-promoted morphogenesis in amphiphile assemblies: kinetic control of micrometric helix formation. <i>Langmuir</i> , <b>2009</b> , 25, 8489-96	4	13
136	Chirally self-assembled porphyrin nanowires assisted by L-glutamide-derived lipid for excitation energy transfer. <i>Organic and Biomolecular Chemistry</i> , <b>2009</b> , 7, 2430-4	3.9	26
135	Magneto-responsive organogels prepared through surface-initiated atom transfer radical polymerization on iron nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2009</b> , 9, 123-31	1.3	6
134	A novel approach to magneto-responsive polymeric gels assisted by iron nanoparticles as nano cross-linkers. <i>Chemical Communications</i> , <b>2008</b> , 2124-6	5.8	47
133	The impact of supramolecular chemistry in medicine: removing the border between infectious and non-infectious diseases. <i>Medical Hypotheses</i> , <b>2008</b> , 71, 881-5	3.8	2
132	Porphyrin Assembly with Fullerenes for Photovoltaic Applications. <i>Materials Research Society Symposia Proceedings</i> , <b>2008</b> , 1091, 1		
131	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> , <b>2008</b> , 24, 615-21	1.7	10
130	Polymer/Silica Composite Materials from Octadecyl-Phenylalanine-Derivative by Surface Initiated Atom Transfer Radical Polymerization. <i>Soft Materials</i> , <b>2008</b> , 6, 140-155	1.7	
129	Synthesis and assessment of molecular recognizability by RP-HPLC of an N-alkyl-beta-Ala-L: -Phe-derived organic phase with self-assembling ability. <i>Analytical and Bioanalytical Chemistry</i> , <b>2008</b> , 392, 1197-208	4.4	2
128	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> , <b>2008</b> , 46, 6664-6671	2.5	15
127	Synthesis, self-assembling properties, and atom transfer radical polymerization of an alkylated L-phenylalanine-derived monomeric organogel from silica: a new approach to prepare packing materials for high-performance liquid chromatography. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 1312-21	4.8	49
126	Kinetics of helix-handedness inversion: folding and unfolding in aromatic amide oligomers. <i>ChemPhysChem</i> , <b>2008</b> , 9, 1882-90	3.2	72
125	Molecular shape recognition-structure correlation in a phenylalanine-based polymer/Silica composite by surface-initiated atom transfer radical polymerization. <i>Polymer</i> , <b>2008</b> , 49, 5410-5416	3.9	15
124	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> , <b>2008</b> , 1189, 77-82	4.5	22

123	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> , <b>2008</b> , 1203, 59-66	4.5	17
122	Molecular organogel-forming porphyrin derivative with hydrophobic l-glutamide. <i>Tetrahedron Letters</i> , <b>2008</b> , 49, 3987-3990	2	22
121	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> , <b>2008</b> , 1187, 119-27	4.5	63
120	Self-assembly of nucleoamphiphiles: investigating nucleosides effect and the mechanism of micrometric helix formation. <i>Langmuir</i> , <b>2007</b> , 23, 12875-85	4	31
119	Functional organogel based on a salicylideneaniline derivative with enhanced fluorescence emission and photochromism. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 8231-9	4.8	177
118	Optically active polymer film tuned by a chirally self-assembled molecular organogel. <i>Tetrahedron</i> , <b>2007</b> , 63, 7489-7494	2.4	28
117	Environmentally friendly coloured materials: cellulose/titanium dioxide/inorganic pigment composite spherical microbeads prepared by viscose phase-separation method. <i>Coloration Technology</i> , <b>2007</b> , 123, 344-350	2	3
116	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> , <b>2007</b> , 36, 1460-1461	1.7	14
115	Functional organogels from lipophilic L-glutamide derivative immobilized on cyclotriphosphazene core. <i>Journal of Materials Research</i> , <b>2006</b> , 21, 1274-1278	2.5	16
114	Synthesis and in vitro evaluation of glutamide-containing cationic lipids for gene delivery. <i>Bioconjugate Chemistry</i> , <b>2006</b> , 17, 1530-6	6.3	38
113	The Impact of Self-Assembly in Medicine and Pharmacology. <i>Current Pharmaceutical Analysis</i> , <b>2006</b> , 2, 79-83	0.6	2
112	Self-Assembled Nanofibrillar Aggregates with Amphiphilic and Lipophilic Molecules. <i>Macromolecular Symposia</i> , <b>2006</b> , 237, 28-38	0.8	13
111	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> , <b>2006</b> , 1119, 115-9	4.5	6
110	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> , <b>2006</b> , 1119, 105-14	4.5	9
109	Structure of dioctadecyl l-glutamide-derived lipid self-assembled monolayers on Au(1 1 1) surface. <i>Applied Surface Science</i> , <b>2006</b> , 253, 869-873	6.7	1
108	Cellulose/TiO <sub>2</sub> Hybrid Spherical Microbeads Prepared by a Viscose Phase Separation Method: Control of the Distribution of TiO <sub>2</sub> Particles in a Sphering System. <i>Polymer Journal</i> , <b>2005</b> , 37, 186-191	2.7	9
107	Method for a Convenient and Efficient Synthesis of Amino Acid Acrylic Monomers with Zwitterionic Structure. <i>Synthetic Communications</i> , <b>2005</b> , 35, 2529-2534	1.7	21
106	Molecular shape selectivity through multiple carbonyl- $\pi$ interactions with noncrystalline solid phase for RP-HPLC. <i>Analytical Chemistry</i> , <b>2005</b> , 77, 6671-81	7.8	49

105	Surface charge controlled magnetic nanoparticles with grafting of poly(4-vinylpyridine). <i>Journal of Nanoscience and Nanotechnology</i> , <b>2005</b> , 5, 390-3	1.3	4
104	Molecular-length and chiral discriminations by beta-structural poly(L-alanine) on silica. <i>Journal of Chromatography A</i> , <b>2005</b> , 1073, 169-74	4.5	52
103	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 1H NMR and solid-state 13C-CP/MAS-NMR. <i>Analytica Chimica Acta</i> , <b>2005</b> , 547, 179-187	6.6	38
102	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> , <b>2005</b> , 548, 51-57	6.6	31
101	Diocadecyl L-glutamide-derived lipid-grafted silica as a novel organic stationary phase for RP-HPLC. <i>Journal of Chromatography A</i> , <b>2005</b> , 1074, 223-8	4.5	12
100	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> , <b>2005</b> , 97, 149-157	2.9	33
99	Self-assembly-based Thermo-responsible Luminescent Organogels of Chromophoric L-glutamide-derived Lipids. <i>Journal of Materials Research</i> , <b>2005</b> , 20, 2486-2490	2.5	5
98	A new method for evaluation of the mobility of silica-grafted alkyl chains by suspension-state 1H NMR. <i>Canadian Journal of Chemistry</i> , <b>2005</b> , 83, 1792-1798	0.9	4
97	Self-Assembled Organic Phase for Reversed-Phase HPLC <b>2005</b> , 1528-1535		
96	Reversible gelation in cyclohexane of pyrene substituted by dialkyl l-glutamide: photophysics of the self-assembled fibrillar network. <i>Journal of Molecular Liquids</i> , <b>2004</b> , 111, 73-76	6	31
95	Effect of surface structure on cell growth prepared by the terminal immobilization method. <i>Journal of Applied Polymer Science</i> , <b>2004</b> , 91, 3001-3008	2.9	1
94	Helical superstructure of conductive polymers as created by electrochemical polymerization by using synthetic lipid assemblies as a template. <i>Angewandte Chemie - International Edition</i> , <b>2004</b> , 43, 465-9	16.4	81
93	Helical structures of conjugate polymers created by oxidative polymerization using synthetic lipid assemblies as templates. <i>Chemistry - A European Journal</i> , <b>2004</b> , 10, 5067-75	4.8	24
92	Stabilization of enhanced chirality from pyrene-containing l-glutamide lipid in methyl methacrylate by photo-induced polymerization. <i>Chemical Communications</i> , <b>2004</b> , 1122-3	5.8	29
91	Photosensitized NADH formation system with multilayer TiO2 film. <i>Chemical Communications</i> , <b>2004</b> , 814-5	5.8	12
90	Preparation of Poly(1-vinylimidazole)-Grafted Magnetic Nanoparticles and Their Application for Removal of Metal Ions. <i>Chemistry of Materials</i> , <b>2004</b> , 16, 1977-1983	9.6	333
89	Exciton interactions in cyanine dye-hyaluronic acid (HA) complex: reversible and biphasic molecular switching of chromophores induced by random coil-to-double-helix phase transition of HA. <i>Chemical Communications</i> , <b>2004</b> , 2090-1	5.8	28
88	Conformational effect of silica-supported poly(octadecyl acrylate) on molecular-shape selectivity of polycyclic aromatic hydrocarbons in RP-HPLC. <i>Analytical Sciences</i> , <b>2004</b> , 20, 1681-5	1.7	8

87	Dendritic Cyclotriphosphazene Derivative with Hexaxis(alkylazobenzene) Substitution as Photo-sensitive Trigger. <i>Heterocycles</i> , <b>2004</b> , 63, 1563	0.8	4
86	Synthesis and Conformational Characterization of Oligopeptide-Cyclotriphosphazene Hybrids. <i>Polymer Journal</i> , <b>2003</b> , 35, 417-421	2.7	10
85	Formation of Nanofibrillar Aggregates by Water-Soluble Structural Oligopeptide, (L-Leu-L-Lys) <sub>8</sub> . <i>Chemistry Letters</i> , <b>2003</b> , 32, 152-153	1.7	3
84	Novel self-assembling organogelators by combination of a double chain-alkylated L-glutamide and a polymeric head group. <i>Organic and Biomolecular Chemistry</i> , <b>2003</b> , 1, 3004-6	3.9	24
83	Enhancement of Isotacticity in Bulk Radical Polymerization of Poly(methyl methacrylate) under Strong Gravity Field. <i>Polymer Journal</i> , <b>2003</b> , 35, 276-279	2.7	2
82	Polymer Effect on Molecular Recognition. Enhancement of Molecular-Shape Selectivity for Polycyclic Aromatic Hydrocarbons by Poly(acrylonitrile). <i>Polymer Journal</i> , <b>2002</b> , 34, 437-442	2.7	9
81	Metal Ion-induced Chirality and Morphology Control of Self-assembling Organogels from L-Glutamic Acid-derived Lipids. <i>Chemistry Letters</i> , <b>2002</b> , 31, 548-549	1.7	6
80	Self-Assembled Fibrillar Networks through Highly Oriented Aggregates of Porphyrin and Pyrene Substituted by Dialkyl L-Glutamine in Organic Media. <i>Langmuir</i> , <b>2002</b> , 18, 7223-7228	4	101
79	Chirality Control of Self-Assembling Organogels from a Lipophilic L-Glutamide Derivative with Metal Chlorides. <i>Langmuir</i> , <b>2002</b> , 18, 7120-7123	4	106
78	Binding Behavior of Crystalline and Noncrystalline Phases: Evaluation of the Enthalpic and Entropic Contributions to the Separation Selectivity of Nonpolar Solutes with a Novel Chromatographic Sorbent. <i>Journal of Physical Chemistry B</i> , <b>2002</b> , 106, 11936-11950	3.4	26
77	Enhanced Molecular-Shape Selectivity for Polyaromatic Hydrocarbons through Isotropic-to-Crystalline Phase Transition of Poly(octadecyl acrylate). <i>Chemistry Letters</i> , <b>2001</b> , 30, 1252-1253	1.7	37
76	Molecular Gradation In Glass By Using High Gravity: A Novel Method For Si-Ti Graded-Glass Preparation <b>2001</b> , 159-161		
75	Enhancement of Diastereomer Selectivity Using Highly-Oriented Polymer Stationary Phase. <i>Chemistry Letters</i> , <b>2000</b> , 29, 128-129	1.7	18
74	Retention versatility of silica-supported comb-shaped crystalline and non-crystalline phases in high-performance liquid chromatography. <i>Journal of Chromatography A</i> , <b>2000</b> , 877, 71-85	4.5	21
73	EFFECTS OF AMINO-GROUP CONTENT AND HYDROPHOBICITY OF CROSS-LINKED N,N-DIMETHYLAMINOPROPYLACRYLAMIDE ADSORBENTS ON SELECTIVE REMOVAL OF LIPOPOLYSACCHARIDES. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>2000</b> , 23, 1887-1902	1.3	5
72	Detection of highly oriented aggregation of L-glutamic acid-derived lipids in dilute organic solution. <i>Liquid Crystals</i> , <b>1999</b> , 26, 1021-1027	2.3	44
71	Crystalline polymer on silica. Geometrical selectivity for azobenzenes through highly-oriented structure. <i>Polymer</i> , <b>1999</b> , 40, 2555-2560	3.9	53
70	Preparation of poly(epsilon-lysine) adsorbents and application to selective removal of lipopolysaccharides. <i>Biomedical Applications</i> , <b>1999</b> , 721, 187-95		24

69	Supramolecular receptors from amino acid-derived lipids. <i>Journal of the Chemical Society Perkin Transactions II</i> , <b>1999</b> , 2569-2577		15
68	A Novel Versatility of Catalase I as a Dioxygenase for Indole-ring-opening Dioxygenation. <i>Chemistry Letters</i> , <b>1999</b> , 28, 339-340	1.7	2
67	Determination of Critical Aggregation Concentrations of Self-Assembling Lipids in Nonpolar Organic Media Using Spiroyrans as Photochromic Probes. <i>Chemistry Letters</i> , <b>1999</b> , 28, 1165-1166	1.7	11
66	Preparation of Spherical and Porous Chitosan Particles by Suspension Evaporation with O/W/O Multiple Emulsions. <i>Polymer Journal</i> , <b>1999</b> , 31, 319-323	2.7	10
65	Pore-Size Controlled and Aminated Poly( $\beta$ -methyl L-glutamate) Particles for Selective Removal of Nucleic Acids. <i>Polymer Journal</i> , <b>1998</b> , 30, 616-621	2.7	7
64	Detection of Unpredictable Molecular Recognition through Carbonyl- $\pi$ Interaction in Poly(methyl acrylate)-Silica Hybrids <sup>1</sup> . <i>Polymer Journal</i> , <b>1998</b> , 30, 394-397	2.7	21
63	Detection of Molecular-Shape Recognition for Polycyclic Aromatic Hydrocarbons by $\beta$ Helical Poly(L-Alanine) on Silica. <i>Chemistry Letters</i> , <b>1998</b> , 27, 963-964	1.7	14
62	Polymer-Silica Hybrids: Evaluation of Grafted Poly(acrylonitrile) as Organic Phase for High-Performance Liquid Chromatography.. <i>Analytical Sciences</i> , <b>1998</b> , 14, 349-354	1.7	20
61	Detection of Potential Molecular Recognition Ability in Linear Poly(methyl acrylate). <i>Chemistry Letters</i> , <b>1997</b> , 26, 113-114	1.7	14
60	Thermal isomerization process in benzene gels of l-glutamic acid-derived lipids with spiroyrans head groups. <i>Chemical Communications</i> , <b>1997</b> , 19-20	5.8	52
59	Conformational change in DNA induced by cationic bilayer membranes. <i>FEBS Letters</i> , <b>1996</b> , 391, 215-8	3.8	57
58	Lipid Membrane Analogue-Immobilized Silica Gels for Separation with Molecular Recognition. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>1996</b> , 19, 2967-2984	1.3	36
57	Functional organic gels. Enantioselective elution using chiral gels from amino acid-derived lipids. <i>Liquid Crystals</i> , <b>1996</b> , 20, 807-809	2.3	14
56	Functional organic gels Chirality induction through formation of highly-oriented structure. <i>Liquid Crystals</i> , <b>1995</b> , 18, 97-99	2.3	41
55	Supramolecules I. Functional Organic Gels. Formation of Chiral Gels from L-Glutamic Acid-Derived Lipids and Their Chiral Recognition Ability.. <i>Kobunshi Ronbunshu</i> , <b>1995</b> , 52, 606-614	0	2
54	Linear Polystyrene-Grafted Silica Gels for High-Performance Liquid Chromatography.. <i>Analytical Sciences</i> , <b>1995</b> , 11, 739-742	1.7	18
53	Geometrically selective recognition using $\beta$ helical poly(L-lysine). <i>Materials Science and Engineering C</i> , <b>1994</b> , 2, L1-L3	8.3	
52	Change of orientation in electrophilic substitution of benzaldehydes by O-alkyloximation derivatives. <i>Tetrahedron Letters</i> , <b>1994</b> , 35, 1565-1568	2	10

51	Cross-linked N,N-dimethylaminopropylacrylamide spherical particles for selective removal of endotoxin. <i>Journal of Chromatography A</i> , <b>1994</b> , 676, 267-275	4.5	16
50	Chromatographic separation of geometrical isomers using highly oriented polymer-immobilized silica gels. <i>Journal of Chromatography A</i> , <b>1994</b> , 672, 237-241	4.5	33
49	Formation of specific hydrophobic sites for incorporation of methylene blue by laterally arranged L-glutamate residues in anionic, crystalline bilayer aggregates. <i>Journal of the Chemical Society Perkin Transactions II</i> , <b>1994</b> , 1671		10
48	Spherical Carbon Packings Prepared from Spherical Cellulose Particles for High-Performance Liquid Chromatography.. <i>Analytical Sciences</i> , <b>1994</b> , 10, 543-551	1.7	8
47	Preparation of Porous Spherical Poly( $\epsilon$ -methyl L-glutamate) Particles Containing $\beta$ -Structure. <i>Polymer Journal</i> , <b>1994</b> , 26, 61-66	2.7	2
46	Immobilization of Highly-Oriented Perfluoroalkyl Polymers onto Porous Silica Gels for High Performance Liquid Chromatography. <i>Polymer Journal</i> , <b>1994</b> , 26, 499-503	2.7	6
45	Structures and binding energies of benzene-methane and benzene-benzene complexes. An ab initio SCF/MP2 study. <i>Journal of the Chemical Society, Faraday Transactions</i> , <b>1993</b> , 89, 659-664		84
44	Chirally arranged monomeric dyes on helical bilayer membranes. <i>Liquid Crystals</i> , <b>1993</b> , 13, 307-311	2.3	12
43	Preparation and Characterization of Spherical Polymer Packings from N,N-Dialkylacrylamide for Reversed-Phase Liquid Chromatography. <i>Polymer Journal</i> , <b>1993</b> , 25, 609-618	2.7	3
42	Evaluation of Selective Binding Ability in Chiral Supramolecules Using Induced Chirality.. <i>Analytical Sciences</i> , <b>1993</b> , 9, 401-403	1.7	7
41	Molecular Length Recognition of Polyaromatics Using Lipid Membrane Analogue-Immobilized Silica Gels.. <i>Analytical Sciences</i> , <b>1993</b> , 9, 711-713	1.7	17
40	Characterization of Spherical Polymer Packings from N,N-Dialkyl Acrylamide for Reversed-Phase Liquid Chromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>1993</b> , 16, 647-659		1
39	Unique property of cyanine dyes on charged poly(L-lysine). <i>Polymer</i> , <b>1993</b> , 34, 1106-1108	3.9	12
38	Facile Synthesis of 5-Substituted 2-Acetylthiophenes. <i>Synthesis</i> , <b>1992</b> , 1992, 849-851	2.9	14
37	Effect of the Pore Size of an Aminated Poly( $\gamma$ -methyl L-glutamate) Adsorbent on the Selective Removal of Endotoxin.. <i>Analytical Sciences</i> , <b>1992</b> , 8, 805-810	1.7	14
36	Removal of endotoxin from culture supernatant of Bordetella pertussis with aminated poly( $\gamma$ -methyl L-glutamate) spherical beads. <i>Chemical and Pharmaceutical Bulletin</i> , <b>1992</b> , 40, 2106-2109	1.9	11
35	Selective Retention for Structural Isomers in Aqueous Liquid Chromatography Using Poly( $\epsilon$ -Methyl L-Glutamate) Spherical Particles. <i>Chemistry Letters</i> , <b>1992</b> , 21, 971-974	1.7	3
34	Molecular Recognition Using Cyanine-Helical Poly(L-Lysine) Complexes in Methanol. <i>Chemistry Letters</i> , <b>1992</b> , 21, 1731-1734	1.7	14



33	Lipid membrane analogues. Formation of highly-oriented structures and their phase separation behaviour in benzene. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1992</b> , 1244		47
32	Effect of photopolymerization on the morphology of helical supramolecular assemblies. <i>Langmuir</i> , <b>1992</b> , 8, 1548-1553	4	62
31	Lipid membrane analogs. Specific retention behavior in comb-shaped telomer-immobilized porous silica gels. <i>Macromolecules</i> , <b>1992</b> , 25, 6375-6376	5.5	57
30	Polypeptide Artificial Carrier Particles for Use in Passive Agglutination Immunoassay. <i>Polymer Journal</i> , <b>1991</b> , 23, 161-165	2.7	3
29	Development of Macroporous Polymer Packings for Aqueous High Flow Rate Liquid Chromatography. Approach on the Viewpoint of Materials Chemistry.. <i>Analytical Sciences</i> , <b>1991</b> , 7, 527-536	1.7	7
28	Polypeptide spheres. VII. Macroreticulation of spherical poly( $\beta$ -methyl-L-glutamate) beads. <i>Journal of Applied Polymer Science</i> , <b>1991</b> , 42, 347-350	2.9	5
27	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> , <b>1990</b> , 1990, 1047-1053		3
26	Preparation of adsorbents for the selective removal for endotoxin in tetanus toxoid using porous beads of poly( $\gamma$ -methyl L-glutamate) derivatives.. <i>Kobunshi Ronbunshu</i> , <b>1990</b> , 47, 119-124	0	3
25	Regulation of Pore-size Distribution of Poly( $\beta$ -methyl L-glutamate) Spheres as a Gel Permeation Chromatography Packings. <i>Polymer Journal</i> , <b>1990</b> , 22, 614-619	2.7	20
24	Removal of endotoxins using macroporous spherical poly( $\gamma$ -methyl L-glutamate) beads and their derivatives. <i>Biomedical Applications</i> , <b>1990</b> , 530, 148-53		18
23	Totally organic stationary phase from perfluoroalkyl acrylate for liquid chromatography. <i>Journal of Chromatography A</i> , <b>1989</b> , 465, 241-248	4.5	16
22	Chromatographic resolution of dipeptide enantiomers and diastereomers on chiral stationary phases from poly(L-leucine) or poly(L-phenylalanine). <i>Journal of Chromatography A</i> , <b>1988</b> , 450, 271-6	4.5	17
21	Specific bindings of methyl orange to chiral bilayer membranes with $\beta$ -alanine-L-glutamoyl head groups [1]. <i>Liquid Crystals</i> , <b>1987</b> , 2, 215-221	2.3	24
20	Macroporous glucomannan spheres for the size-exclusion separation of aqueous macromolecules. <i>Journal of Chromatography A</i> , <b>1987</b> , 409, 175-181	4.5	7
19	Preparation of pullulan spheres for high-speed gel chromatography in an aqueous system.. <i>Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal</i> , <b>1986</b> , 1986, 1187-1191		3
18	High-speed aqueous gel permeation chromatography using a poly(vinyl alcohol) hollow fibre. <i>Journal of Chromatography A</i> , <b>1986</b> , 368, 391-394	4.5	1
17	Preparation and gel permeation chromatographic properties of porous spheres from poly( $\beta$ -methyl or $\beta$ -benzyl L-glutamate). <i>Journal of Chromatography A</i> , <b>1986</b> , 362, 197-207	4.5	29
16	Preparation and gel permeation chromatographic properties of pullulan spheres. <i>Journal of Chromatography A</i> , <b>1986</b> , 355, 434-437	4.5	35

15	Novel Packing for High Pressure Liquid Chromatography. Partially Alkylated and Cross-Linked PMLG Spherical Particles. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>1986</b> , 9, 945-954		5
14	Amphiphiles with Polypeptide-Head Groups III. Regulation of Enantioselectivity in Micellar Hydrolysis. <i>Polymer Journal</i> , <b>1986</b> , 18, 463-469	2.7	2
13	Novel gel permeation chromatography packing composed of cross-linked and porous spherical particles of poly- $\beta$ -methyl-L-glutamate. <i>Journal of Chromatography A</i> , <b>1985</b> , 347, 357-361	4.5	11
12	Porous Poly( $\beta$ -methyl L-glutamate) Spherical Particles as a Novel GPC Packing Material. <i>Polymer Journal</i> , <b>1985</b> , 17, 1301-1303	2.7	9
11	FORMATION OF HELICAL SUPER STRUCTURE FROM SINGLE-WALLED BILAYERS BY AMPHIPHILES WITH OLIGO-L-GLUTAMIC ACID-HEAD GROUP. <i>Chemistry Letters</i> , <b>1984</b> , 13, 1713-1716	1.7	120
10	Studies on the Special Type Surfactants. XIII. <i>Journal of Japan Oil Chemists Society</i> , <b>1984</b> , 33, 510-517		
9	Phase separation and reactivity changes of phenyl ester substrate and imidazole catalyst in the dialkylammonium bilayer membrane. <i>Journal of the American Chemical Society</i> , <b>1983</b> , 105, 6070-6078	16.4	56
8	CU <sup>2+</sup> -INDUCED BILAYER FORMATION OF SINGLE-CHAIN TELOMER SURFACTANTS IN DILUTE AQUEOUS SOLUTION. <i>Chemistry Letters</i> , <b>1983</b> , 12, 43-46	1.7	3
7	FUNCTIONAL FLUOROCARBON MICELLES. PHASE SEPARATION AND REACTIVITY CHANGE OF HYDROXAMATE NUCLEOPHILES IN MIXED MICELLES OF HYDROCARBON AND FLUOROCARBON SURFACTANTS. <i>Chemistry Letters</i> , <b>1983</b> , 12, 733-736	1.7	8
6	Nucleophilic Cleavage of Phosphate Triesters in Dialkylammonium Bilayer Membranes. <i>Bulletin of the Chemical Society of Japan</i> , <b>1981</b> , 54, 2072-2078	5.1	23
5	FORMATION OF DISK-LIKE AGGREGATES FROM SINGLE-CHAIN PHOSPHOCHOLINE AMPHIPHILES IN WATER. <i>Chemistry Letters</i> , <b>1980</b> , 9, 1169-1172	1.7	11
4	Enantioselective ester hydrolysis by hydroxamic acids of N-benzyloxycarbonyl-L-amino acids or optically active amines in cetyltrimethylammonium bromide micelles. <i>Journal of Organic Chemistry</i> , <b>1980</b> , 45, 1623-1625	4.2	19
3	THE HYDROLYSIS OF <i>p</i> -NITROPHENYL ESTERS OF $\alpha$ -AMINO ACIDS BY N-LAUROYL L OR D-HISTIDINE IN CATIONIC MICELLES. <i>Chemistry Letters</i> , <b>1979</b> , 8, 491-494	1.7	23
2	Co-assembling system that exhibits bright circularly polarized luminescence. <i>Materials Advances</i> ,	3.3	0
1	Efficient removal of methylene blue dye from an aqueous solution using silica nanoparticle crosslinked acrylamide hybrid hydrogels. <i>New Journal of Chemistry</i> ,	3.6	3