

Xiao Xia Zhu

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/7577492/xiao-xia-zhu-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

271
papers

9,194
citations

47
h-index

80
g-index

276
ext. papers

9,969
ext. citations

5.2
avg, IF

6.56
L-index

#	Paper	IF	Citations
271	Novel porphyrin-containing hydrogels obtained by frontal polymerization: Synthesis, characterization and optical properties. <i>Polymer</i> , 2022 , 247, 124785	3.9	1
270	Reversible CO ₂ absorption and release by fatty acid salt aqueous solutions: From industrial capture to agricultural applications. <i>Journal of CO₂ Utilization</i> , 2021 , 54, 101746	7.6	
269	Visualizing phase transition of upper critical solution temperature (UCST) polymers with AIE. <i>Science China Chemistry</i> , 2021 , 64, 403-407	7.9	8
268	Porphyrin-Based Polyesters Synthesized by Enzymatic Catalysis. <i>ACS Applied Polymer Materials</i> , 2021 , 3, 3659-3665	4.3	1
267	Functional fillers for dental resin composites. <i>Acta Biomaterialia</i> , 2021 , 122, 50-65	10.8	15
266	Making Hydrophilic Polymers Thermoresponsive: The Upper Critical Solution Temperature of Copolymers of Acrylamide and Acrylic Acid. <i>Macromolecules</i> , 2021 , 54, 7963-7969	5.5	4
265	Thermoresponsive properties of star-shaped amphiphilic block copolymers with a cholic acid core and functional amine groups. <i>Materials Today Communications</i> , 2021 , 29, 102816	2.5	1
264	Protoporphyrin IX copolymer with poly(ethylene glycol) methacrylate and its thermoresponsive properties. <i>Canadian Journal of Chemistry</i> , 2020 , 98, 511-515	0.9	2
263	Star-Shaped Glycopolymers with a Porphyrin Core: Synthesis, Singlet Oxygen Generation, and Photodynamic Therapy. <i>ACS Applied Polymer Materials</i> , 2020 , 2, 2477-2484	4.3	7
262	Efficient modification of PAMAM G1 dendrimer surface with Cyclodextrin units by CuAAC: impact on the water solubility and cytotoxicity.. <i>RSC Advances</i> , 2020 , 10, 25557-25566	3.7	4
261	Cholic acid-based mixed micelles as siRNA delivery agents for gene therapy. <i>International Journal of Pharmaceutics</i> , 2020 , 578, 119078	6.5	10
260	A sustained zero-order release carrier for long-acting, peakless basal insulin therapy. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 1952-1959	7.3	10
259	Enzymatic Conversion of Galactose Polymers into Copolymers Containing Galactonic Acid by Glucose Oxidase. <i>Biomacromolecules</i> , 2020 , 21, 2268-2275	6.9	2
258	Temperature-, Light-, and Host-Molecule-Responsive Polymers with UCST Behavior for Aqueous Sensing Applications. <i>ACS Applied Polymer Materials</i> , 2020 , 2, 256-262	4.3	12
257	Surface Modification of ZrO Nanoparticles and Its Effects on the Properties of Dental Resin Composites.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 5300-5309	4.1	4
256	Smart microneedle patches for rapid, and painless transdermal insulin delivery. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 9335-9342	7.3	4
255	Dental Resin Composites Reinforced by Rough Core-Shell SiO Nanoparticles with a Controllable Mesoporous Structure.. <i>ACS Applied Bio Materials</i> , 2019 , 2, 4233-4241	4.1	3

254	CO ₂ Sequestration by Bile Salt Aqueous Solutions and Formation of Supramolecular Hydrogels. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 3949-3955	8.3	7
253	Copolymers containing carbohydrates and other biomolecules: design, synthesis and applications. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 1361-1378	7.3	21
252	Multiple and two-way reversible shape memory polymers: Design strategies and applications. <i>Progress in Materials Science</i> , 2019 , 105, 100572	42.2	70
251	Thermoresponsive Behavior of Poly(acrylic acid-co-acrylonitrile) with a UCST. <i>Macromolecules</i> , 2019 , 52, 4441-4446	5.5	25
250	AIE-Active and Thermoresponsive Alternating Polyurethanes of Bile Acid and PEG for Cell Imaging. <i>ACS Applied Polymer Materials</i> , 2019 , 1, 2973-2980	4.3	7
249	Rational design of thermoresponsive polymers in aqueous solutions: A thermodynamics map. <i>Progress in Polymer Science</i> , 2019 , 90, 269-291	29.6	89
248	Evaluation of the filler packing structures in dental resin composites: From theory to practice. <i>Dental Materials</i> , 2018 , 34, 1014-1023	5.7	26
247	Bile Acid-Based Drug Delivery Systems for Enhanced Doxorubicin Encapsulation: Comparing Hydrophobic and Ionic Interactions in Drug Loading and Release. <i>Molecular Pharmaceutics</i> , 2018 , 15, 1266-1276	5.6	34
246	Self-Healing Hydrogels of Low Molecular Weight Poly(vinyl alcohol) Assembled by Host-Guest Recognition. <i>Biomacromolecules</i> , 2018 , 19, 626-632	6.9	48
245	Tetrahedral, Octahedral, and Triangular Dipyramidal Microgel Clusters with Thermosensitivity Fabricated from Binary Colloidal Crystals Template and Thiol-Ene Reaction. <i>ACS Macro Letters</i> , 2018 , 7, 80-84	6.6	24
244	Polyacrylamides revisited: flocculation of kaolin suspensions and mature fine tailings. <i>Canadian Journal of Chemical Engineering</i> , 2018 , 96, 20-26	2.3	9
243	Correlation of resin viscosity and monomer conversion to filler particle size in dental composites. <i>Dental Materials</i> , 2018 , 34, 1501-1508	5.7	25
242	Core Cross-linked Micelles Made of Glycopolymers Bearing Dopamine and Cholic Acid Pendants. <i>Molecular Pharmaceutics</i> , 2018 , 15, 2348-2354	5.6	7
241	NMR Imaging for the Study of Drug Tablets for Controlled Release 2018 , 827-840		
240	Photo-calorimetry method optimization for the study of light-initiated radical polymerization of dental resins. <i>Polymer</i> , 2018 , 135, 178-184	3.9	8
239	Biowheel-Axle Assembly of β -Cyclodextrin Fitted onto Bile Acid Units Linked by PEG Spacers through Inclusion Polymerization. <i>Macromolecules</i> , 2018 , 51, 8455-8460	5.5	7
238	Soluble-Insoluble-Soluble Transitions of Thermoresponsive Cryptand-Containing Graft Copolymers. <i>ACS Omega</i> , 2018 , 3, 10172-10179	3.9	5
237	Two-Way Reversible Shape Memory Polymers Containing Polydopamine Nanospheres: Light Actuation, Robotic Locomotion, and Artificial Muscles. <i>ACS Biomaterials Science and Engineering</i> , 2018 , 4, 3099-3106	5.5	40

236	"Bitter-Sweet" Polymeric Micelles Formed by Block Copolymers from Glucosamine and Cholic Acid. <i>Biomacromolecules</i> , 2017 , 18, 778-786	6.9	25
235	Monodisperse silica-filled composite restoratives mechanical and light transmission properties. <i>Dental Materials</i> , 2017 , 33, 280-287	5.7	34
234	Application of close-packed structures in dental resin composites. <i>Dental Materials</i> , 2017 , 33, 288-293	5.7	15
233	A mini review: Shape memory polymers for biomedical applications. <i>Frontiers of Chemical Science and Engineering</i> , 2017 , 11, 143-153	4.5	70
232	Two-Step Enzymatic Synthesis of Biocompatible Polymers Made from Cholic Acid. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 689-695	8.3	10
231	Self-Assembly of a Bile Acid Dimer in Aqueous Solutions: From Nanofibers to Nematic Hydrogels. <i>Langmuir</i> , 2017 , 33, 1084-1089	4	19
230	Two-Way Reversible Shape Memory Polymers Made of Cross-Linked CocrySTALLizable Random Copolymers with Tunable Actuation Temperatures. <i>Macromolecules</i> , 2017 , 50, 8570-8579	5.5	75
229	Hierarchical self-assembly from nanometric micelles to colloidal spherical superstructures. <i>Polymer</i> , 2017 , 126, 177-187	3.9	10
228	Assembly of highly ordered 2D arrays of silver-PNIPAM hybrid microgels. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2017 , 35, 1212-1221	3.5	8
227	Tunable Upper Critical Solution Temperatures for Acrylamide Copolymers with Bile Acid Pendants. <i>Biomacromolecules</i> , 2017 , 18, 2663-2668	6.9	19
226	Synthesis of wrinkled mesoporous silica and its reinforcing effect for dental resin composites. <i>Dental Materials</i> , 2017 , 33, 1139-1148	5.7	34
225	Interaction Forces between Pegylated Star-Shaped Polymers at Mica Surfaces. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 28027-28033	9.5	4
224	CO ₂ -Switchable Self-Healing Host-Guest Hydrogels. <i>Macromolecules</i> , 2017 , 50, 9696-9701	5.5	34
223	Cholic acid dimers as invertible amphiphilic pockets: synthesis, molecular modeling, and inclusion studies. <i>Canadian Journal of Chemistry</i> , 2017 , 95, 792-798	0.9	3
222	Glycopolymers Bearing Galactose and Betulin: Synthesis, Encapsulation, and Lectin Recognition. <i>Biomacromolecules</i> , 2017 , 18, 3812-3818	6.9	10
221	A Molecular Necklace: Threading β -Cyclodextrins onto Polymers Derived from Bile Acids. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 11979-83	16.4	33
220	A Molecular Necklace: Threading β -Cyclodextrins onto Polymers Derived from Bile Acids. <i>Angewandte Chemie</i> , 2016 , 128, 12158-12162	3.6	9
219	Large-area 2D microgel colloidal crystals fabricated via benzophenone-based photochemical reaction. <i>RSC Advances</i> , 2016 , 6, 82006-82013	3.7	9

218	Effects of cholic acid modified glucosamine on chondrogenic differentiation. <i>RSC Advances</i> , 2016 , 6, 69586-69594		
217	Facile Assembly of Large-Area 2D Microgel Colloidal Crystals Using Charge-Reversible Substrates. <i>Langmuir</i> , 2016 , 32, 12876-12884	4	14
216	Recent Developments and Optimization of Lipase-Catalyzed Lactone Formation and Ring-Opening Polymerization. <i>Macromolecular Rapid Communications</i> , 2016 , 37, 1986-2004	4.8	33
215	Supramolecular hydrogelation with bile acid derivatives: structures, properties and applications. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 7506-7520	7.3	27
214	Two-Dimensional Magnesium Phosphate Nanosheets Form Highly Thixotropic Gels That Up-Regulate Bone Formation. <i>Nano Letters</i> , 2016 , 16, 4779-87	11.5	51
213	Polymers made of bile acids: from soft to hard biomaterials. <i>Canadian Journal of Chemistry</i> , 2016 , 94, 659-666	0.9	12
212	Inorganic Fillers for Dental Resin Composites: Present and Future. <i>ACS Biomaterials Science and Engineering</i> , 2016 , 2, 1-11	5.5	86
211	Nanocomposite hydrogels of LAPONITE [®] mixed with polymers bearing dopamine and cholic acid pendants. <i>RSC Advances</i> , 2016 , 6, 23033-23037	3.7	8
210	Polyurethanes made from bile acids. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2016 , 34, 616-625		4
209	NMR Imaging for the Study of Drug Tablets for Controlled Release 2016 , 1-14		
208	Self-Healing Supramolecular Hydrogels Based on Reversible Physical Interactions. <i>Gels</i> , 2016 , 2,	4.2	54
207	Cationic Nanoparticles Assembled from Natural-Based Steroid Lipid for Improved Intracellular Transport of siRNA and pDNA. <i>Nanomaterials</i> , 2016 , 6,	5.4	6
206	Amino-functionalized monolayers covalently grafted to silica-based substrates as a robust primer anchorage in aqueous media. <i>Applied Surface Science</i> , 2016 , 370, 476-485	6.7	14
205	Formation of molecular hydrogels from a bile acid derivative and selected carboxylic acids. <i>RSC Advances</i> , 2016 , 6, 35436-35440	3.7	8
204	Synthesis and characterization of novel dendritic compounds bearing a porphyrin core and cholic acid units using click chemistry. <i>Dyes and Pigments</i> , 2016 , 132, 110-120	4.6	7
203	Hydrogen bonding asymmetric star-shape derivative of bile acid leads to supramolecular fibrillar aggregates that wrap into micrometer spheres. <i>Soft Matter</i> , 2016 , 12, 7159-65	3.6	16
202	Enzymatically crosslinked alginate hydrogels with improved adhesion properties. <i>Polymer Chemistry</i> , 2015 , 6, 2204-2213	4.9	99
201	Biocompound-Based Multiple Shape Memory Polymers Reinforced by Photo-Cross-Linking. <i>ACS Biomaterials Science and Engineering</i> , 2015 , 1, 855-863	5.5	33

200	Glucosamine-Anchored Graphene Oxide Nanosheets: Fabrication, Ultraviolet Irradiation, and Electrochemical Properties. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 14552-6	9.5	27
199	Growth of giant silver dendrites on layer-by-layer assembled films. <i>Polymer</i> , 2015 , 63, 237-243	3.9	10
198	Biodegradable shape-memory polymers for biomedical applications 2015 , 219-245		0
197	Thermo- and pH-Responsive Copolymers Bearing Cholic Acid and Oligo(ethylene glycol) Pendants: Self-Assembly and pH-Controlled Release. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 24649-55	9.5	26
196	Conformation of Novel Azo-Dyes Bearing End-Capped Oligo(ethylene glycol) Studied by UV-vis and NMR Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 12318-24	3.4	3
195	Self-Healing Supramolecular Hydrogel Made of Polymers Bearing Cholic Acid and β -Cyclodextrin Pendants. <i>Chemistry of Materials</i> , 2015 , 27, 387-393	9.6	143
194	Chitosan-modified silver@ruthenium hybrid nanoparticles: evaluation of physico-chemical properties and bio-affinity with sialic acid. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 665-672	7.3	8
193	Thermo-responsive block copolymers with multiple phase transition temperatures in aqueous solutions. <i>Progress in Polymer Science</i> , 2015 , 42, 154-176	29.6	108
192	Temperature- and pH-controlled encapsulation and release of guest molecules from invertible carriers. <i>Polymer</i> , 2015 , 68, 35-40	3.9	3
191	Swelling-induced surface instability patterns guided by pre-introduced structures. <i>Soft Matter</i> , 2015 , 11, 1937-44	3.6	10
190	Swelling kinetics of microgels embedded in a polyacrylamide hydrogel matrix. <i>ChemPhysChem</i> , 2014 , 15, 1785-92	3.2	15
189	Complex thermoresponsive behavior of diblock polyacrylamides. <i>Polymer Chemistry</i> , 2014 , 5, 4358-4364	4.9	15
188	Invertible vesicles and micelles formed by dually-responsive diblock random copolymers in aqueous solutions. <i>Soft Matter</i> , 2014 , 10, 5886-93	3.6	14
187	Thermoresponsiveness of copolymers bearing cholic acid pendants induced by complexation with β -cyclodextrin. <i>Langmuir</i> , 2014 , 30, 11770-5	4	29
186	Hydrogel thin film with swelling-induced wrinkling patterns for high-throughput generation of multicellular spheroids. <i>Biomacromolecules</i> , 2014 , 15, 3306-12	6.9	59
185	Block and random copolymers bearing cholic acid and oligo(ethylene glycol) pendant groups: aggregation, thermosensitivity, and drug loading. <i>Biomacromolecules</i> , 2014 , 15, 1837-44	6.9	52
184	Swelling-induced surface instability of a hydrogen-bonded LBL film and its self-healing. <i>Polymer</i> , 2014 , 55, 2197-2204	3.9	27
183	PEGylated bile acids for use in drug delivery systems: enhanced solubility and bioavailability of itraconazole. <i>Molecular Pharmaceutics</i> , 2013 , 10, 3057-66	5.6	32

182	Mutual interaction between embedded microgel particles and the surrounding hydrogel matrix. <i>Soft Matter</i> , 2013 , 9, 2629	3.6	21
181	Ring-opening polymerization of bile acid macrocycles by <i>Candida antarctica</i> lipase B. <i>Polymer Chemistry</i> , 2013 , 4, 4312	4.9	21
180	In situ generation of fluorescent silver nanoclusters in layer-by-layer assembled films. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 2036	7.1	10
179	Functional star block copolymers with a cholane core: Thermo-responsiveness and aggregation behavior. <i>Polymer</i> , 2013 , 54, 3898-3903	3.9	13
178	Glucose-sensitivity of core-shell microspheres and their crystalline colloidal arrays. <i>Science China Chemistry</i> , 2013 , 56, 65-70	7.9	5
177	Self-assembly of bile acid-PEG conjugates in aqueous solutions. <i>Journal of Physical Chemistry B</i> , 2013 , 117, 252-8	3.4	10
176	Crystalline colloidal arrays from the self-assembly of polymer microspheres. <i>Progress in Polymer Science</i> , 2013 , 38, 406-419	29.6	15
175	Switchable vesicles formed by diblock random copolymers with tunable pH- and thermo-responsiveness. <i>Langmuir</i> , 2013 , 29, 6823-32	4	43
174	Understanding the thermo-sensitivity of crystalline colloidal arrays formed by poly(styrene-co-N-isopropylacrylamide) core-shell microspheres. <i>Soft Matter</i> , 2012 , 8, 1909-1915	3.6	10
173	Responsive properties of crystalline colloidal arrays formed by core-shell microspheres with pH and temperature sensitivities. <i>Canadian Journal of Chemistry</i> , 2012 , 90, 131-137	0.9	5
172	Multishape Memory Effect of Norbornene-Based Copolymers with Cholic Acid Pendant Groups. <i>Macromolecules</i> , 2012 , 45, 1924-1930	5.5	72
171	Recent advances in the development of dental composite resins. <i>RSC Advances</i> , 2012 , 2, 59-63	3.7	28
170	Block Random Copolymers of N-Alkyl-Substituted Acrylamides with Double Thermosensitivity. <i>Macromolecules</i> , 2012 , 45, 2001-2006	5.5	32
169	Complex micelles with a responsive shell for controlling of enzymatic degradation. <i>Polymer</i> , 2012 , 53, 3559-3565	3.9	19
168	Triazole-linked polyamides and polyesters derived from cholic acid. <i>Polymer Chemistry</i> , 2012 , 3, 1962	4.9	25
167	Aggregation behavior of pegylated bile acid derivatives. <i>Langmuir</i> , 2012 , 28, 13431-40	4	29
166	Two-dimensional Fourier transform rheological study on thermosensitivity of poly(N,N-diethylacrylamide) in aqueous solutions. <i>Polymer</i> , 2012 , 53, 4800-4805	3.9	2
165	Multi-responsive properties of a poly(ethylene glycol)-grafted alternating copolymers of distyrenic monomer with maleic anhydride. <i>Langmuir</i> , 2012 , 28, 4500-6	4	18

164	Fractal structures of the hydrogels formed in situ from poly(N-isopropylacrylamide) microgel dispersions. <i>Langmuir</i> , 2012 , 28, 10873-80	4	27
163	Thermosensitive superabsorbents based on poly(N,N-diethylacrylamide-co-sodium acrylate). <i>Chinese Journal of Polymer Science (English Edition)</i> , 2012 , 30, 873-878	3.5	3
162	Controllable ring-opening copolymerization of L-lactide and (3S)-benzyloxymethyl-(6S)-methyl-morpholine-2,5-dione initiated by a biogenic compound creatinine acetate. <i>Journal of Polymer Science Part A</i> , 2012 , 50, 4004-4009	2.5	4
161	Oxidative polymerization of hydroquinone using deoxycholic acid supramolecular template. <i>Science China Chemistry</i> , 2012 , 55, 830-835	7.9	13
160	NMR Imaging and Its Application in the Study of Pharmaceutical Tablets. <i>ACS Symposium Series</i> , 2011 , 441-457	0.4	
159	Recent advances in entropy-driven ring-opening polymerizations. <i>Polymer Chemistry</i> , 2011 , 2, 791-799	4.9	64
158	Aggregation and thermoresponsive properties of new star block copolymers with a cholic acid core. <i>Langmuir</i> , 2011 , 27, 11174-9	4	28
157	Crown Ether Cavity-Containing Copolymers via Controlled Alternating Cyclocopolymerization. <i>Macromolecules</i> , 2011 , 44, 6311-6317	5.5	22
156	Construction of a tunable metallohydrolase center on an invertible molecular pocket. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 8220-3	3.9	5
155	NMR imaging of chitosan and carboxymethyl starch tablets: swelling and hydration of the polyelectrolyte complex. <i>International Journal of Pharmaceutics</i> , 2011 , 419, 215-21	6.5	26
154	Interaction of antigen and antibody on core-shell polymeric microspheres. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2011 , 29, 267-273	3.5	4
153	Gelation Kinetics of Thermosensitive PNIPAM Microgel Dispersions. <i>Macromolecular Chemistry and Physics</i> , 2011 , 212, 2052-2060	2.6	34
152	Thermosensitivity of bile acid-based oligo(ethylene glycol) stars in aqueous solutions. <i>Macromolecular Rapid Communications</i> , 2011 , 32, 1185-9	4.8	17
151	Silver-loading in uncrosslinked hydrogen-bonded LBL films: structure change and improved stability. <i>Journal of Materials Chemistry</i> , 2011 , 21, 548-555		29
150	Polyelectrolyte complex of carboxymethyl starch and chitosan as drug carrier for oral administration. <i>Carbohydrate Polymers</i> , 2011 , 84, 1399-1407	10.3	74
149	Poly(vinyl alcohol)-Graft-Poly(ethylene glycol)-Supported Hydroxyproline Catalysis of Stereoselective Aldol Reactions. <i>Macromolecular Symposia</i> , 2010 , 297, 101-107	0.8	1
148	Cholic acid-modified dendritic multimolecular micelles and enhancement of anticancer drug therapeutic efficacy. <i>Bioconjugate Chemistry</i> , 2010 , 21, 1596-601	6.3	23
147	Functional star polymers with a cholic acid core and their thermosensitive properties. <i>Biomacromolecules</i> , 2010 , 11, 201-6	6.9	37

146	1,2,3-Triazole-containing molecular pockets derived from cholic acid: the influence of structure on host-guest coordination properties. <i>Langmuir</i> , 2010 , 26, 13415-21	4	30
145	NMR imaging study of cross-linked high-amylose starch tablets □The effect of drug loading. <i>Canadian Journal of Chemistry</i> , 2010 , 88, 202-207	0.9	12
144	Formation of crystalline colloidal arrays by anionic and cationic polystyrene particles. <i>Soft Matter</i> , 2010 , 6, 4189	3.6	13
143	Molecular pockets derived from cholic acid as chemosensors for metal ions. <i>Langmuir</i> , 2010 , 26, 2958-624		42
142	PEG-related polymer resins as synthetic supports. <i>Science China Chemistry</i> , 2010 , 53, 1844-1852	7.9	7
141	Role of protein contaminants in the immunogenicity of alginates. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2010 , 93, 333-40	3.5	51
140	Shape memory properties of main chain bile acids polymers. <i>Polymer</i> , 2010 , 51, 22-25	3.9	19
139	Effect of molecular architecture on the self-diffusion of polymers in aqueous systems: A comparison of linear, star, and dendritic poly(ethylene glycol)s. <i>Polymer</i> , 2010 , 51, 2345-2350	3.9	10
138	NMR spectroscopy and imaging studies of pharmaceutical tablets made of starch. <i>Carbohydrate Polymers</i> , 2009 , 75, 369-379	10.3	38
137	To Rink or Not to Rink Amide Link, that is the Question to Address for More Economical and Environmentally Sound Solid-Phase Peptide Synthesis. <i>International Journal of Peptide Research and Therapeutics</i> , 2009 , 15, 211-218	2.1	8
136	Biomaterials made of bile acids. <i>Science in China Series B: Chemistry</i> , 2009 , 52, 849-861		30
135	Synthesis of glucose-sensitive self-assembled films and their application in controlled drug delivery. <i>Polymer</i> , 2009 , 50, 4205-4211	3.9	58
134	Invertible amphiphilic molecular pockets made of cholic acid. <i>Langmuir</i> , 2009 , 25, 10913-7	4	31
133	Asymmetric poly(ethylene glycol) star polymers with a cholic acid core and their aggregation properties. <i>Biomacromolecules</i> , 2009 , 10, 900-6	6.9	36
132	Shape Memory Polymers Based on Naturally-Occurring Bile Acids. <i>Macromolecules</i> , 2009 , 42, 7324-7331	5.5	60
131	New dental composites containing multimethacrylate derivatives of bile acids: a comparative study with commercial monomers. <i>ACS Applied Materials & Interfaces</i> , 2009 , 1, 824-32	9.5	21
130	Salt-induced erosion of hydrogen-bonded layer-by-layer assembled films. <i>Soft Matter</i> , 2009 , 5, 860-867	3.6	39
129	Solution properties of a thermosensitive triblock copolymer of N-alkyl substituted acrylamides. <i>Langmuir</i> , 2009 , 25, 1699-704	4	47

128	Multistep Thermosensitivity of Poly(N-n-propylacrylamide)-block-poly(N-isopropylacrylamide)-block-poly(N,N-ethylmethacrylamide) Triblock Terpolymers in Aqueous Solutions As Studied by Static and Dynamic Light Scattering. <i>Macromolecules</i> , 2009 , 42, 2715-2720	5.5	42
127	Layer-by-layer multilayer films linked with reversible boronate ester bonds with glucose-sensitivity under physiological conditions. <i>Soft Matter</i> , 2009 , 5, 2302	3.6	87
126	Macrocyclic bile acids: from molecular recognition to degradable biomaterial building blocks. <i>Journal of Materials Chemistry</i> , 2009 , 19, 5705		30
125	Poly (vinyl alcohol)-graft-poly (ethylene glycol) supported hydroxyproline: synthesis and application in the enantioselective aldol condensation. <i>Advances in Experimental Medicine and Biology</i> , 2009 , 611, 223-4	3.6	
124	Biomimetic mineralization induced by fibrils of polymers derived from a bile acid. <i>Biomacromolecules</i> , 2008 , 9, 2309-14	6.9	14
123	Diffusion of molecular probes and the effects of their interactions with polymer matrices as studied by pulsed-field gradient NMR spectroscopy. <i>Canadian Journal of Chemistry</i> , 2008 , 86, 579-585	0.9	4
122	High molecular weight bile acid and ricinoleic acid-based copolyesters via entropy-driven ring-opening metathesis polymerisation. <i>Chemical Communications</i> , 2008 , 1674-6	5.8	37
121	Membrane formation and drug loading effects in high amylose starch tablets studied by NMR imaging. <i>Biomacromolecules</i> , 2008 , 9, 1248-54	6.9	22
120	Fluorescence study of inclusion complexes between star-shaped cholic acid derivatives and polycyclic aromatic fluorescent probes and the size effects of host and guest molecules. <i>Journal of Physical Chemistry B</i> , 2008 , 112, 3402-9	3.4	36
119	Mechanical and frictional properties of nanoparticle monolayers grafted on functionalized mica substrates. <i>Journal of Physical Chemistry B</i> , 2008 , 112, 12208-16	3.4	16
118	THERMOSENSITIVITY OF NARROW-DISPERSED POLY(N-n-PROPYLACRYLAMIDE) PREPARED BY ATOM TRANSFER RADICAL POLYMERIZATION. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2008 , 26, 187	3.5	3
117	Nitrocellulose-stabilized silver nanoparticles as low conversion temperature precursors useful for inkjet printed electronics. <i>Journal of Materials Chemistry</i> , 2007 , 17, 1725		29
116	Binding of streptavidin with biotinylated thermosensitive nanospheres based on poly(N,N-diethylacrylamide-co-2-hydroxyethyl methacrylate). <i>Bioconjugate Chemistry</i> , 2007 , 18, 999-1003	6.3	26
115	Preparation, characterization, and application of poly(vinyl alcohol)-graft-poly(ethylene glycol) resins: novel polymer matrices for solid-phase synthesis. <i>ACS Combinatorial Science</i> , 2007 , 9, 582-91		16
114	Effect of Ionic Binding on the Self-Diffusion of Anionic Dendrimers and Hydrophilic Polymers in Aqueous Systems as Studied by Pulsed Gradient NMR Techniques. <i>Macromolecules</i> , 2007 , 40, 3644-3649	5.5	15
113	Bile acids as constituents for dental composites: in vitro cytotoxicity of (meth)acrylate and other ester derivatives of bile acids. <i>Journal of the Royal Society Interface</i> , 2007 , 4, 1145-50	4.1	22
112	Poly(vinyl alcohol)-graft-poly(ethylene glycol) resins and their use in solid-phase synthesis and supported TEMPO catalysis. <i>Chemical Communications</i> , 2007 , 2136-8	5.8	39
111	Effect of Hydrophilic Shells on the Formation of Colloidal Crystals by Monodisperse Core-Shell Polymer Microspheres. <i>Macromolecular Rapid Communications</i> , 2007 , 28, 1613-1618	4.8	17

110	Chondroitin-4-sulfate: a bioactive macromolecule to foster vascular healing around stent-grafts after endovascular aneurysm repair. <i>Macromolecular Bioscience</i> , 2007 , 7, 746-52	5.5	12
109	Molar mass of main-chain bile acid-based oligo-esters measured by SEC, MALDI-TOF spectrometry and NMR spectroscopy: a comparative study. <i>Analytica Chimica Acta</i> , 2007 , 581, 281-6	6.6	9
108	Synthesis and micellization of thermo- and pH-responsive block copolymer of poly(N-isopropylacrylamide)-block-poly(4-vinylpyridine). <i>Polymer</i> , 2007 , 48, 1711-1717	3.9	64
107	Specific binding of cholic acid by cross-linked polymers prepared by the hybrid imprinting method. <i>Polymer</i> , 2007 , 48, 5565-5571	3.9	29
106	Synthesis and aggregation properties of anionic star-shaped polymers with cholic acid cores and polyacrylate arms. <i>Journal of Polymer Science Part A</i> , 2007 , 45, 4173-4178	2.5	16
105	Study of hydration of cross-linked high amylose starch by solid state ¹³ C NMR spectroscopy. <i>Carbohydrate Research</i> , 2007 , 342, 1525-9	2.9	23
104	Aggregation of biotinylated polymeric microspheres induced by interaction with avidin. <i>Pure and Applied Chemistry</i> , 2007 , 79, 1575-1582	2.1	3
103	Highly Efficient Synthesis and Inclusion Properties of Star-Shaped Amphiphilic Derivatives of Cholic Acid. <i>Synlett</i> , 2007 , 2007, 2201-2204	2.2	2
102	Synthesis and characterization of core-shell microspheres with double thermosensitivity. <i>Langmuir</i> , 2007 , 23, 1047-51	4	19
101	Preparation and thermo-responsive light diffraction behaviors of soft polymerized crystalline colloidal arrays. <i>Soft Matter</i> , 2007 , 3, 571-579	3.6	12
100	Effects of Substitution Groups on the RAFT Polymerization of N-Alkylacrylamides in the Preparation of Thermosensitive Block Copolymers. <i>Macromolecules</i> , 2007 , 40, 6481-6488	5.5	94
99	Preparation of ABC triblock copolymers of N-alkyl substituted acrylamides by RAFT polymerization. <i>Canadian Journal of Chemistry</i> , 2007 , 85, 407-411	0.9	10
98	Adjustable temperature sensor with double thermoresponsiveness based on the aggregation property of binary diblock copolymers. <i>Journal of Applied Polymer Science</i> , 2006 , 102, 3144-3148	2.9	10
97	Main-chain bile acid based degradable elastomers synthesized by entropy-driven ring-opening metathesis polymerization. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 6872-4	16.4	66
96	Self-aggregated nanoparticles composed of periodate-oxidized dextran and cholic acid: preparation, stabilization and in-vitro drug release. <i>Journal of Chemical Technology and Biotechnology</i> , 2006 , 81, 746-754	3.5	24
95	Main-Chain Bile Acid Based Degradable Elastomers Synthesized by Entropy-Driven Ring-Opening Metathesis Polymerization. <i>Angewandte Chemie</i> , 2006 , 118, 7026-7028	3.6	8
94	Water Diffusion in Drug Delivery Systems Made of High-Amylose Starch as Studied by NMR Imaging. <i>ACS Symposium Series</i> , 2006 , 105-120	0.4	
93	Thermoresponsiveness of hybrid micelles from poly(ethylene glycol)-block-poly(4-vinylpyridium) cations and SO ₄ (²⁻) anions in aqueous solutions. <i>Langmuir</i> , 2006 , 22, 1474-7	4	32

92	Enhancing the photoluminescence intensity of conjugated polycationic polymers by using quantum dots as antiaggregation reagents. <i>Langmuir</i> , 2006 , 22, 4799-803	4	53
91	Large uniform-sized polymer beads for use as solid-phase supports prepared by ascension polymerization. <i>ACS Combinatorial Science</i> , 2006 , 8, 79-84		5
90	Preparation of a comb-shaped cholic acid-containing polymer by atom transfer radical polymerization. <i>Biomacromolecules</i> , 2006 , 7, 995-8	6.9	21
89	Biodegradable polymers based on bile acids and potential biomedical applications. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2006 , 17, 1123-1139	3.5	31
88	Selective acylation of cholic acid derivatives with multiple methacrylate groups. <i>Steroids</i> , 2005 , 70, 531-72.8		27
87	Formation of hybrid micelles between poly(ethylene glycol)-block-poly(4-vinylpyridinium) cations and sulfate anions in an aqueous milieu. <i>Soft Matter</i> , 2005 , 1, 455-459	3.6	21
86	Imaging of high-amylose starch tablets. 3. Initial diffusion and temperature effects. <i>Biomacromolecules</i> , 2005 , 6, 3367-72	6.9	35
85	Effect of side chain structure on the liquid crystalline properties of polymers bearing cholesterol, dihydrocholesterol and bile acid pendant groups. <i>Polymer</i> , 2005 , 46, 7266-7272	3.9	24
84	A new method for quantifying the intensity of the C=C band of dimethacrylate dental monomers in their FTIR and Raman spectra. <i>Biomaterials</i> , 2005 , 26, 6440-8	15.6	46
83	Synthesis and characterization of thermo- and pH- sensitive hydrogels based on Chitosan-grafted N-isopropylacrylamide via γ -radiation. <i>Radiation Physics and Chemistry</i> , 2005 , 74, 26-30	2.5	65
82	Oxygen inhibition in dental resins. <i>Journal of Dental Research</i> , 2005 , 84, 725-9	8.1	107
81	Copolymers of N-alkylacrylamides as thermosensitive hydrogels. <i>Macromolecular Symposia</i> , 2004 , 207, 187-192	0.8	21
80	Preparation and characterization of thermosensitive beads with macroporous structures. <i>Journal of Applied Polymer Science</i> , 2004 , 91, 1792-1797	2.9	4
79	Crosslinked Polyacrolein Microspheres with High Loading of Aldehyde Groups for Use as Scavenger Resins in Organic Synthesis. <i>Macromolecular Rapid Communications</i> , 2004 , 25, 1719-1723	4.8	21
78	Polymer microspheres for controlled drug release. <i>International Journal of Pharmaceutics</i> , 2004 , 282, 1-18	6.5	1013
77	Bile acids covalently bound to polysaccharides. <i>Reactive and Functional Polymers</i> , 2004 , 59, 141-148	4.6	23
76	Preparation and characterization of high loading porous crosslinked poly(vinyl alcohol) resins. <i>Polymer</i> , 2004 , 45, 71-77	3.9	33
75	Degree of crosslinking and mechanical properties of crosslinked poly(vinyl alcohol) beads for use in solid-phase organic synthesis. <i>Polymer</i> , 2004 , 45, 8201-8210	3.9	41

74	Synthesis and swelling behavior of thermosensitive hydrogels based on N-substituted acrylamides and sodium acrylate. <i>European Polymer Journal</i> , 2004 , 40, 1075-1080	5.2	34
73	Viscoelastic Effect on the Formation of Mesoglobular Phase in Dilute Solutions. <i>Macromolecules</i> , 2004 , 37, 4989-4992	5.5	69
72	Functionalized cross-linked poly(vinyl alcohol) resins as reaction scavengers and as supports for solid-phase organic synthesis. <i>ACS Combinatorial Science</i> , 2004 , 6, 961-6		12
71	Study of Self-Diffusion of Hyperbranched Polyglycidols in Poly(vinyl alcohol) Solutions and Gels by Pulsed-Field Gradient NMR Spectroscopy. <i>Macromolecules</i> , 2004 , 37, 8569-8576	5.5	12
70	UV-Vis and fluorescence study of polyacetylenes with pendant 1-pyrenyl groups: a comparative investigation of cis- and trans-poly(1-ethynyl-pyrene). <i>Synthetic Metals</i> , 2004 , 143, 37-42	3.6	23
69	N-Alkylacrylamide copolymers with (meth)acrylamide derivatives of cholic acid: Solution properties and aggregation. <i>E-Polymers</i> , 2004 , 4,	2.7	1
68	Self-Diffusion of Hydrophilic Poly(propyleneimine) Dendrimers in Poly(vinyl alcohol) Solutions and Gels by Pulsed Field Gradient NMR Spectroscopy. <i>Macromolecules</i> , 2003 , 36, 839-847	5.5	29
67	The use of N-alkylacrylamide-styrene copolymers as thermally reversible dispersants/flocculants for emulsions and suspensions. <i>Colloid and Polymer Science</i> , 2003 , 281, 1034-1039	2.4	5
66	N-Alkylacrylamide copolymers with (meth)acrylamide derivatives of cholic acid: synthesis and thermosensitivity. <i>Polymer</i> , 2003 , 44, 1081-1087	3.9	47
65	Preparation of cis-poly(1-ethynylpyrene) using (1-Me-indenyl)(PPh ₃)Ni-C ₇₀ -C ₆₀ /methylaluminumoxane as catalyst. <i>Journal of Molecular Catalysis A</i> , 2003 , 204-205, 325-332		33
64	Study of the phase transition of poly(N,N-diethylacrylamide) in water by rheology and dynamic light scattering. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2003 , 41, 1627-1637	2.6	60
63	Molecular dynamics of hydrophilic poly(propylene imine) dendrimers in aqueous solutions by ¹ H NMR relaxation. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2003 , 41, 2969-2975	2.6	21
62	Preparation and characterization of crosslinked poly(N,N-diethylacrylamide-co-2-hydroxyethyl methacrylate) resins and their application as support in solid-phase peptide synthesis. <i>Journal of Polymer Science Part A</i> , 2003 , 41, 1681-1690	2.5	5
61	Copolymers of N-alkylacrylamides and styrene as new thermosensitive materials. <i>Polymer</i> , 2003 , 44, 3053-3060	3.9	49
60	Formation of Mesoglobular Phase of Amphiphilic Copolymer Chains in Dilute Solution: Effect of Comonomer Composition. <i>Macromolecules</i> , 2003 , 36, 2103-2107	5.5	33
59	Novel polyacetylenes containing pendant 1-pyrenyl groups: synthesis, characterization, and thermal and optical properties. <i>Polymer</i> , 2002 , 43, 5059-5068	3.9	55
58	Probing Porous Polymer Resins by High-Field Electron Spin Resonance Spectroscopy. <i>Macromolecules</i> , 2002 , 35, 3977-3983	5.5	15
57	NMR imaging of high-amylose starch tablets. 2. Effect of tablet size. <i>Biomacromolecules</i> , 2002 , 3, 1249-1254	5.9	31

56	Polymeric materials containing bile acids. <i>Accounts of Chemical Research</i> , 2002 , 35, 539-46	24.3	123
55	NMR imaging of high-amylose starch tablets. 1. Swelling and water uptake. <i>Biomacromolecules</i> , 2002 , 3, 214-8	6.9	51
54	Thermo- and pH-sensitive polymers containing cholic acid derivatives. <i>Polymer</i> , 2001 , 42, 4031-4038	3.9	60
53	Bile acid sequestrants based on cationic dextran hydrogel microspheres. 2. Influence of the length of alkyl substituents at the amino groups of the sorbents on the sorption of bile salts. <i>Journal of Pharmaceutical Sciences</i> , 2001 , 90, 681-9	3.9	16
52	N-Isopropylacrylamide Copolymers with Acrylamide and Methacrylamide Derivatives of Cholic Acid: Synthesis and Characterization. <i>Macromolecular Rapid Communications</i> , 2001 , 22, 675-680	4.8	49
51	Effect of the molecular weight on the lower critical solution temperature of poly(N,N-diethylacrylamide) in aqueous solutions. <i>Canadian Journal of Chemistry</i> , 2001 , 79, 1870-1874	0.9	93
50	An investigation of the hydrogen-bonding structure in bilirubin by ¹ H double-quantum magic-angle spinning solid-state NMR spectroscopy. <i>Journal of the American Chemical Society</i> , 2001 , 123, 4275-85	16.4	70
49	Interaction of Hydrophobically Modified Cationic Dextran Hydrogels with Biological Surfactants. <i>Journal of Physical Chemistry B</i> , 2001 , 105, 2314-2321	3.4	21
48	A simple FTIR spectroscopic method for the determination of the lower critical solution temperature of N-isopropylacrylamide copolymers and related hydrogels. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2000 , 38, 907-915	2.6	77
47	Bile Salt Anion Sorption by Polymeric Resins: Comparison of a Functionalized Polyacrylamide Resin with Cholestyramine. <i>Journal of Colloid and Interface Science</i> , 2000 , 232, 282-288	9.3	18
46	Hydrophilic polymethacrylates containing cholic acid-ethylene glycol derivatives as pendant groups. <i>Macromolecular Rapid Communications</i> , 2000 , 21, 685-690	4.8	29
45	Evaluation of the porous structures of new polymer packing materials by inverse size-exclusion chromatography. <i>Journal of Chromatography A</i> , 2000 , 903, 13-9	4.5	32
44	FUNCTIONALIZED β-CYCLODEXTRIN POLYMERS FOR THE SORPTION OF BILE SALTS. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2000 , 37, 677-690	2.2	25
43	New Polyanhydrides Made from a Bile Acid Dimer and Sebacic Acid: Synthesis, Characterization, and Degradation. <i>Macromolecules</i> , 2000 , 33, 5379-5383	5.5	48
42	Immobilization of lipid vesicles on polymer support via an amphiphilic peptidic anchor: application to a membrane enzyme. <i>Bioconjugate Chemistry</i> , 2000 , 11, 674-8	6.3	10
41	Cholestyramine protection against ochratoxin A toxicity: role of ochratoxin A sorption by the resin and bile acid enterohepatic circulation. <i>Journal of Food Protection</i> , 1999 , 62, 1461-5	2.5	20
40	Lower critical solution temperatures of N -substituted acrylamide copolymers in aqueous solutions. <i>Polymer</i> , 1999 , 40, 6985-6990	3.9	210
39	Polymer-catalyzed aminolysis of covalently imprinted cholic acid derivative. <i>Tetrahedron Letters</i> , 1999 , 40, 9167-9170	2	11

38	Physical models of diffusion for polymer solutions, gels and solids. <i>Progress in Polymer Science</i> , 1999 , 24, 731-775	29.6	659
37	Design and characterization of anchoring amphiphilic peptides and their interactions with lipid vesicles. <i>Biopolymers</i> , 1999 , 50, 647-55	2.2	14
36	Study of the self-diffusion of poly(ethylene glycol)s in poly(vinyl alcohol) aqueous systems. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1999 , 37, 2396-2403	2.6	10
35	Interaction of Ethylene Glycol with Poly(vinyl alcohol) in Aqueous Systems As Studied by NMR Spectroscopy. <i>Langmuir</i> , 1999 , 15, 8356-8360	4	13
34	Radiosensitization of a mouse tumor model by sustained intra-tumoral release of etanidazole and tirapazamine using a biodegradable polymer implant device. <i>Radiotherapy and Oncology</i> , 1999 , 53, 77-84	5.3	19
33	Kinetics of Inclusion Reactions of β -Cyclodextrin with Several Dihydroxycholate Ions Studied by NMR Spectroscopy. <i>Journal of Physical Chemistry B</i> , 1999 , 103, 597-602	3.4	42
32	Self-Diffusion of End-Capped Oligo(ethylene glycol)s in Poly(vinyl alcohol) Aqueous Solutions and Gels. <i>Macromolecules</i> , 1999 , 32, 5383-5390	5.5	14
31	Cross-Linked Porous Polymer Resins with Reverse Micellar Imprints: Factors Affecting the Porosity of the Polymers. <i>Macromolecules</i> , 1999 , 32, 277-281	5.5	29
30	Thermosensitivity of Aqueous Solutions of Poly(N,N-diethylacrylamide). <i>Macromolecules</i> , 1999 , 32, 1260-1263	1.63	295
29	Self-Diffusion Studies of Water and Poly(ethylene glycol) in Solutions and Gels of Selected Hydrophilic Polymers. <i>Macromolecules</i> , 1999 , 32, 4375-4382	5.5	43
28	Characterization of new copolymers made from methacrylate and methacrylamide derivatives of cholic acid. <i>Macromolecular Chemistry and Physics</i> , 1998 , 199, 1399-1404	2.6	14
27	The potentiation of the effect of radiation treatment by intratumoral delivery of cisplatin. <i>International Journal of Radiation Oncology Biology Physics</i> , 1998 , 42, 413-20	4	16
26	Fluorescence and NMR Studies of the Effect of a Bile Acid Dimer on the Micellization of Bile Salts. <i>Langmuir</i> , 1998 , 14, 4025-4029	4	95
25	Self-Diffusion of Oligo- and Poly(ethylene glycol)s in Poly(vinyl alcohol) Aqueous Solutions As Studied by Pulsed-Gradient NMR Spectroscopy. <i>Macromolecules</i> , 1998 , 31, 3880-3885	5.5	47
24	Cisplatin delivery by biodegradable polymer implant is superior to systemic delivery by osmotic pump or i.p. injection in tumor-bearing mice. <i>Anti-Cancer Drugs</i> , 1998 , 9, 791-6	2.4	17
23	Binding of Bile Acids by Polymerized Cyclodextrin Resins. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 1997 , 34, 335-347	2.2	17
22	Pore Size Control in Cross-Linked Polymer Resins by Reverse Micellar Imprinting. <i>Macromolecules</i> , 1997 , 30, 3031-3035	5.5	30
21	Tumor treatment by sustained intratumoral release of cisplatin: effects of drug alone and combined with radiation. <i>International Journal of Radiation Oncology Biology Physics</i> , 1997 , 39, 497-504	4	18

20	1H and 13C NMR Study on Local Dynamics of Poly(vinyl alcohol) in Aqueous Solutions. <i>Macromolecules</i> , 1996 , 29, 2075-2081	5.5	21
19	Solute Probe Diffusion in Aqueous Solutions of Poly(vinyl alcohol) As Studied by Pulsed-Gradient Spin-Echo NMR Spectroscopy. <i>Macromolecules</i> , 1996 , 29, 70-76	5.5	50
18	Synthesis of 3 alpha- and 3 beta-dimers from selected bile acids. <i>Steroids</i> , 1996 , 61, 664-9	2.8	34
17	A New Physical Model for the Diffusion of Solvents and Solute Probes in Polymer Solutions. <i>Macromolecules</i> , 1996 , 29, 6031-6036	5.5	46
16	Polymers made from cholic acid derivatives: selected properties. <i>Macromolecular Chemistry and Physics</i> , 1996 , 197, 3473-3482	2.6	24
15	Preparation and characterization of copolymers of new monomers from bile acid derivatives with methacrylic monomers and selective hydrolysis of the homopolymers. <i>Polymer</i> , 1996 , 37, 493-498	3.9	28
14	Methyl 7β,12β-Dihydroxy-3β-methacryloylamino-5β-cholan-24-oate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1996 , 52, 2905-2907		2
13	Empirical compensation function for eddy current effects in pulsed field gradient nuclear magnetic resonance experiments. <i>Solid State Nuclear Magnetic Resonance</i> , 1995 , 4, 217-27	3.1	4
12	Stereoselective synthesis of 3β-bile acid derivatives from the 3α-analog. <i>Chemistry and Physics of Lipids</i> , 1995 , 77, 261-267	3.7	11
11	Preparation of new polymers from bile acid derivatives. <i>Macromolecular Rapid Communications</i> , 1994 , 15, 459-465	4.8	28
10	Formation of inclusion complexes of cyclodextrins with bile salt anions as determined by NMR titration studies. <i>Langmuir</i> , 1994 , 10, 1034-1039	4	66
9	Poly(methyl methacrylate) film dissolution and solvent diffusion coefficients: correlations determined using laser interferometry-fluorescence quenching and pulsed-gradient spin-echo NMR spectroscopy. <i>Macromolecules</i> , 1993 , 26, 6397-6402	5.5	14
8	Polylysine-coated polyacrylamide resins as sorbents for bile acids. <i>Journal of Pharmaceutical Sciences</i> , 1993 , 82, 855-6	3.9	2
7	Fluorescence depolarization and quenching studies of acenaphthalene-labelled poly(acrylamide) in water. <i>Polymer</i> , 1993 , 34, 1134-1140	3.9	20
6	Polymeric Sorbents for Bile Acids: II. Oligopeptide-Containing Resins with Quaternary Amine Groups. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 1992 , 29, 711-721	2.2	8
5	Pulsed-gradient spin-echo NMR measurements of the diffusion coefficients of ketones in poly(methyl methacrylate). <i>Macromolecules</i> , 1992 , 25, 4345-4351	5.5	18
4	Polymeric sorbents for bile acids. I: Comparison between cholestyramine and colestipol. <i>Journal of Pharmaceutical Sciences</i> , 1992 , 81, 65-9	3.9	22
3	Counterion control of reactivity in anionic reverse micellar aggregates. <i>Chemical Physics Letters</i> , 1990 , 171, 362-368	2.5	19

2 A Simple HPLC Method for the Analysis of Bile Acids. *Analytical Letters*, **1990**, 23, 2011-2018 2.2 20

1 Adsorption of bilirubin with polypeptide-coated resins. *Biomaterials, Artificial Cells, and Artificial Organs*, **1990**, 18, 75-93 31