

Sankaran Thayumanavan

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104
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L-index

#	Paper	IF	Citations
289	Structure-Property Relationships for Two-Photon Absorbing Chromophores: Bis-Donor Diphenylpolyene and Bis(styryl)benzene Derivatives. <i>Journal of the American Chemical Society</i> , 2000 , 122, 9500-9510	16.4	768
288	Multi-stimuli sensitive amphiphilic block copolymer assemblies. <i>Journal of the American Chemical Society</i> , 2009 , 131, 4830-8	16.4	535
287	Regioselective, Diastereoselective, and Enantioselective Lithiation-Substitution Sequences: Reaction Pathways and Synthetic Applications. <i>Accounts of Chemical Research</i> , 1996 , 29, 552-560	24.3	495
286	Multi-stimuli responsive macromolecules and their assemblies. <i>Chemical Society Reviews</i> , 2013 , 42, 7421-55	35	488
285	Polymer nanogels: a versatile nanoscopic drug delivery platform. <i>Advanced Drug Delivery Reviews</i> , 2012 , 64, 836-51	18.5	459
284	Self-cross-linked polymer nanogels: a versatile nanoscopic drug delivery platform. <i>Journal of the American Chemical Society</i> , 2010 , 132, 17227-35	16.4	443
283	Temperature-sensitive dendritic micelles. <i>Journal of the American Chemical Society</i> , 2005 , 127, 14922-9	16.4	203
282	Configurational stability and transfer of stereochemical information in the reactions of enantioenriched organolithium reagents. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 717-38	16.4	191
281	Dendrimeric micelles for controlled drug release and targeted delivery. <i>Molecular Pharmaceutics</i> , 2005 , 2, 264-72	5.6	190
280	Electrochemistry and Electrogenated Chemiluminescence Processes of the Components of Aluminum Quinolate/Triarylamine, and Related Organic Light-Emitting Diodes. <i>Journal of the American Chemical Society</i> , 1998 , 120, 9646-9655	16.4	183
279	Surface-functionalizable polymer nanogels with facile hydrophobic guest encapsulation capabilities. <i>Journal of the American Chemical Society</i> , 2010 , 132, 8246-7	16.4	179
278	Supramolecular assemblies from amphiphilic homopolymers: Testing the scope. <i>Journal of the American Chemical Society</i> , 2006 , 128, 16224-30	16.4	176
277	New Triarylamine-Containing Polymers as Hole Transport Materials in Organic Light-Emitting Diodes: Effect of Polymer Structure and Cross-Linking on Device Characteristics. <i>Chemistry of Materials</i> , 1998 , 10, 1668-1676	9.6	175
276	Enzyme-triggered disassembly of dendrimer-based amphiphilic nanocontainers. <i>Journal of the American Chemical Society</i> , 2009 , 131, 14184-5	16.4	170
275	Redox-sensitive disassembly of amphiphilic copolymer based micelles. <i>Langmuir</i> , 2010 , 26, 7086-92	4	168
274	Molecular discrimination inside polymer nanotubules. <i>Nature Nanotechnology</i> , 2008 , 3, 112-7	28.7	152
273	Simultaneous and Reversible Functionalization of Copolymers for Biological Applications. <i>Macromolecules</i> , 2006 , 39, 5595-5597	5.5	151

272	Self-assembly of random copolymers. <i>Chemical Communications</i> , 2014 , 50, 13417-32	5.8	148
271	Noncovalent encapsulation stabilities in supramolecular nanoassemblies. <i>Journal of the American Chemical Society</i> , 2010 , 132, 10683-5	16.4	144
270	Enhancement of anhydrous proton transport by supramolecular nanochannels in comb polymers. <i>Nature Chemistry</i> , 2010 , 2, 503-8	17.6	136
269	BODIPY-Based Donor-Acceptor π -Conjugated Alternating Copolymers. <i>Macromolecules</i> , 2011 , 44, 4767-4776	5.5	135
268	Energy and electron transfer in bifunctional non-conjugated dendrimers. <i>Journal of the American Chemical Society</i> , 2005 , 127, 373-83	16.4	134
267	Substituent Effects on the pH Sensitivity of Acetals and Ketals and Their Correlation with Encapsulation Stability in Polymeric Nanogels. <i>Journal of the American Chemical Society</i> , 2017 , 139, 2306-2317	16.4	120
266	Supramolecular assemblies of amphiphilic homopolymers. <i>Langmuir</i> , 2009 , 25, 9660-70	4	120
265	Invertible amphiphilic homopolymers. <i>Journal of the American Chemical Society</i> , 2004 , 126, 9890-1	16.4	120
264	Templated Self-Assembly of a Covalent Polymer Network for Intracellular Protein Delivery and Traceless Release. <i>Journal of the American Chemical Society</i> , 2017 , 139, 5676-5679	16.4	117
263	Disassembly of noncovalent amphiphilic polymers with proteins and utility in pattern sensing. <i>Journal of the American Chemical Society</i> , 2008 , 130, 5416-7	16.4	106
262	Fluorescence patterns from supramolecular polymer assembly and disassembly for sensing metallo- and nonmetalloproteins. <i>Journal of the American Chemical Society</i> , 2009 , 131, 7708-16	16.4	105
261	Dendrimers with both polar and apolar nanocontainer characteristics. <i>Journal of the American Chemical Society</i> , 2004 , 126, 15636-7	16.4	102
260	Supramolecular disassembly of facially amphiphilic dendrimer assemblies in response to physical, chemical, and biological stimuli. <i>Accounts of Chemical Research</i> , 2014 , 47, 2200-11	24.3	99
259	Highly ordered gold nanotubes using thiols at a cleavable block copolymer interface. <i>Journal of the American Chemical Society</i> , 2009 , 131, 9870-1	16.4	98
258	Homopolymer micelles in heterogeneous solvent mixtures. <i>Journal of the American Chemical Society</i> , 2005 , 127, 16794-5	16.4	94
257	Light harvesting dendrimers. <i>Photosynthesis Research</i> , 2006 , 87, 133-50	3.7	94
256	Electrogenerated Chemiluminescence from Derivatives of Aluminum Quinolinate and Quinacridones: Cross-Reactions with Triarylaminines Lead to Singlet Emission through Triplet-Triplet Annihilation Pathways. <i>Journal of the American Chemical Society</i> , 2000 , 122, 4972-4979	16.4	93
255	Photoregulated release of noncovalent guests from dendritic amphiphilic nanocontainers. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 3038-42	16.4	91

- 254 Using meta conjugation to enhance charge separation versus charge recombination in phenylacetylene donor-bridge-acceptor complexes. *Journal of the American Chemical Society*, **2005**, 127, 16348-9 16.4 90
- 253 Synthesis of Unsymmetrical Triarylamines for Photonic Applications via One-Pot Palladium-Catalyzed Aminations. *Chemistry of Materials*, **1997**, 9, 3231-3235 9.6 89
- 252 Disassembly of dendritic micellar containers due to protein binding. *Journal of the American Chemical Society*, **2010**, 132, 4550-1 16.4 88
- 251 Noncovalent modification of chymotrypsin surface using an amphiphilic polymer scaffold: implications in modulating protein function. *Journal of the American Chemical Society*, **2005**, 127, 10693-8 16.4 87
- 250 A Facile Method for the Synthesis of Cleavable Block Copolymers from ATRP-Based Homopolymers. *Macromolecules*, **2007**, 40, 8518-8520 5.5 83
- 249 Synthesis and Characterization of Amine-Functionalized Polystyrene Nanoparticles. *Macromolecules*, **2005**, 38, 5886-5891 5.5 81
- 248 Amphiphilic homopolymer as a reaction medium in water: product selectivity within polymeric nanopockets. *Journal of the American Chemical Society*, **2005**, 127, 13200-6 16.4 78
- 247 Asymmetric Substitutions: High and Opposite Enantioselective Alkylations of a Racemic Organolithium Intermediate in the Presence of (-)-Sparteine. *Journal of the American Chemical Society*, **1994**, 116, 9755-9756 16.4 78
- 246 C-C bond formation reactions for biomass-derived molecules. *ChemSusChem*, **2010**, 3, 1158-61 8.3 77
- 245 Tunable disassembly of micelles using a redox trigger. *Langmuir*, **2007**, 23, 7916-9 4 76
- 244 Small molecule BODIPY dyes as non-fullerene acceptors in bulk heterojunction organic photovoltaics. *Chemical Communications*, **2014**, 50, 2913-5 5.8 72
- 243 Protein and enzyme gated supramolecular disassembly. *Journal of the American Chemical Society*, **2014**, 136, 2220-3 16.4 72
- 242 Dynamic actuation of glassy polymersomes through isomerization of a single azobenzene unit at the block copolymer interface. *Nature Chemistry*, **2018**, 10, 659-666 17.6 71
- 241 Temperature sensitivity trends and multi-stimuli sensitive behavior in amphiphilic oligomers. *Journal of the American Chemical Society*, **2011**, 133, 13496-503 16.4 71
- 240 Generating patterns for sensing using a single receptor scaffold. *Journal of the American Chemical Society*, **2007**, 129, 3506-7 16.4 69
- 239 A mild deprotection strategy for allyl-protecting groups and its implications in sequence specific dendrimer synthesis. *Journal of Organic Chemistry*, **2003**, 68, 1146-9 4.2 69
- 238 Intramolecular electron-transfer rates in mixed-valence triarylamines: measurement by variable-temperature ESR spectroscopy and comparison with optical data. *Journal of the American Chemical Society*, **2009**, 131, 1717-23 16.4 68
- 237 Controlled polymerization of N-isopropylacrylamide with an activated methacrylic ester. *Journal of Polymer Science Part A*, **2004**, 42, 6340-6345 2.5 68

236	Two Different Pathways of Stereoinformation Transfer: Asymmetric Substitutions in the (1S)-Sparteine Mediated Reactions of Laterally Lithiated N,N-Diisopropyl-o-ethylbenzamide and N-Pivaloyl-o-ethylaniline. <i>Journal of the American Chemical Society</i> , 1997 , 119, 8209-8216	16.4	67
235	Selective sensing of metalloproteins from nonselective binding using a fluorogenic amphiphilic polymer. <i>Journal of the American Chemical Society</i> , 2006 , 128, 10686-7	16.4	67
234	Protein-induced supramolecular disassembly of amphiphilic polypeptide nanoassemblies. <i>Journal of the American Chemical Society</i> , 2015 , 137, 7286-9	16.4	66
233	Concurrent binding and delivery of proteins and lipophilic small molecules using polymeric nanogels. <i>Journal of the American Chemical Society</i> , 2012 , 134, 6964-7	16.4	66
232	Optimizing Two-Photon Initiators and Exposure Conditions for Three-Dimensional Lithographic Microfabrication.. <i>Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]</i> , 2001 , 14, 657-668	0.7	65
231	Stimuli Sensitive Amphiphilic Dendrimers. <i>New Journal of Chemistry</i> , 2012 , 36, 340-349	3.6	64
230	Asymmetric deprotonation of N,N-dihexyl-1-naphthamides to provide atropisomers of N,N-dihexyl-2-alkyl-1-naphthamides. <i>Tetrahedron Letters</i> , 1996 , 37, 2899-2902	2	63
229	Konfigurative Stabilität und Stereoinformationstransfer in Reaktionen Enantiomeren-angereicherter Organolithium-Reagentien. <i>Angewandte Chemie</i> , 2002 , 114, 740-763	3.6	62
228	Field Guide to Challenges and Opportunities in Antibody-Drug Conjugates for Chemists. <i>Bioconjugate Chemistry</i> , 2015 , 26, 2198-215	6.3	61
227	Ligand-decorated nanogels: fast one-pot synthesis and cellular targeting. <i>Biomacromolecules</i> , 2012 , 13, 1515-22	6.9	61
226	Predictably tuning the frontier molecular orbital energy levels of panchromatic low band gap BODIPY-based conjugated polymers. <i>Chemical Science</i> , 2012 , 3, 3093	9.4	59
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224	Design and synthesis of stable triarylaminines for hole-transport applications. <i>Tetrahedron Letters</i> , 2001 , 42, 4421-4424	2	58
223	Experimental and theoretical investigations in stimuli responsive dendrimer-based assemblies. <i>Nanoscale</i> , 2015 , 7, 3817-37	7.7	56
222	Guest-release control in enzyme-sensitive, amphiphilic-dendrimer-based nanoparticles through photochemical crosslinking. <i>Chemistry - A European Journal</i> , 2011 , 17, 11752-60	4.8	56
221	Fluorescent polyelectrolytes as protein sensors. <i>Polymer International</i> , 2007 , 56, 474-481	3.3	52
220	Surface charge generation in nanogels for activated cellular uptake at tumor-relevant pH. <i>Chemical Science</i> , 2013 , 4, 3654	9.4	49
219	Antibody Delivery for Intracellular Targets: Emergent Therapeutic Potential. <i>Bioconjugate Chemistry</i> , 2019 , 30, 1028-1041	6.3	48

218	Protein-triggered supramolecular disassembly: insights based on variations in ligand location in amphiphilic dendrons. <i>Journal of the American Chemical Society</i> , 2014 , 136, 5385-99	16.4	48
217	Synthesis of Functionalized Organic Second-Order Nonlinear Optical Chromophores for Electrooptic Applications. <i>Journal of Organic Chemistry</i> , 1999 , 64, 4289-4297	4.2	48
216	Joint Experimental and Theoretical Characterization of the Electronic Structure of 4,4-Bis(N-m-tolyl-N-phenylamino)biphenyl (TPD) and Substituted Derivatives. <i>Journal of Physical Chemistry A</i> , 2001 , 105, 5206-5211	2.8	47
215	Selective peptide binding using facially amphiphilic dendrimers. <i>Journal of the American Chemical Society</i> , 2008 , 130, 11156-63	16.4	45
214	A Convenient Modular Approach of Functionalizing Aromatic Polyquinolines for Electrooptic Devices. <i>Chemistry of Materials</i> , 1999 , 11, 2218-2225	9.6	44
213	Responsive single-chain polymer nanoparticles with host-guest features. <i>Polymer Chemistry</i> , 2015 , 6, 4828-4834	4.9	43
212	Temperature-sensitive transitions below LCST in amphiphilic dendritic assemblies: host-guest implications. <i>Journal of the American Chemical Society</i> , 2013 , 135, 8947-54	16.4	42
211	High photogeneration efficiency of charge-transfer complexes formed between low ionization potential arylamines and C60. <i>Journal of Chemical Physics</i> , 2000 , 112, 9557-9561	3.9	42
210	Unlocking a caged lysosomal protein from a polymeric nanogel with a pH trigger. <i>Biomacromolecules</i> , 2014 , 15, 4046-53	6.9	41
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208	Facile Preparation of Nanogels Using Activated Ester Containing Polymers. <i>ACS Macro Letters</i> , 2011 , 1, 175-179	6.6	40
207	Synthesis of Nanogel-Protein Conjugates. <i>Polymer Chemistry</i> , 2013 , 4, 2464-2469	4.9	38
206	Toward globular macromolecules with functionalized interiors: design and synthesis of dendrons with an interesting twist. <i>Organic Letters</i> , 2001 , 3, 1961-4	6.2	38
205	Low band gap thiophene-perylene diimide systems with tunable charge transport properties. <i>Organic Letters</i> , 2011 , 13, 18-21	6.2	37
204	Comparison of facially amphiphilic biaryl dendrimers with classical amphiphilic ones using protein surface recognition as the tool. <i>Journal of the American Chemical Society</i> , 2006 , 128, 9231-7	16.4	37
203	Multi-Stimuli-Responsive Amphiphilic Assemblies through Simple Postpolymerization Modifications. <i>Macromolecules</i> , 2016 , 49, 6186-6192	5.5	35
202	Cyclopentadithiophene-Based Organic Semiconductors: Effect of Fluorinated Substituents on Electrochemical and Charge Transport Properties. <i>Journal of Physical Chemistry Letters</i> , 2011 , 2, 648-654	6.4	35
201	Amphiphilicity in homopolymer surfaces reduces nonspecific protein adsorption. <i>Langmuir</i> , 2009 , 25, 13795-9	4	34

200	Effect of Substitution on the Hole Mobility of Bis(diarylamino)biphenyl Derivatives Doped in Poly(Styrene). <i>Chemistry of Materials</i> , 2003 , 15, 994-999	9.6	34
199	Smart Organic Two-Dimensional Materials Based on a Rational Combination of Non-covalent Interactions. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 10707-11	16.4	34
198	Reversible Click Chemistry for Ultrafast and Quantitative Formation of Protein-Polymer Nanoassembly and Intracellular Protein Delivery. <i>ACS Nano</i> , 2019 , 13, 9408-9420	16.7	33
197	Composite supramolecular nanoassemblies with independent stimulus sensitivities. <i>Chemical Science</i> , 2014 , 5, 229-234	9.4	33
196	Probing every layer in dendrons. <i>Journal of the American Chemical Society</i> , 2005 , 127, 2020-1	16.4	33
195	Dynamic Imine Chemistry at Complex Double Emulsion Interfaces. <i>Journal of the American Chemical Society</i> , 2019 , 141, 18048-18055	16.4	31
194	Redox, Ionic Strength, and pH Sensitive Supramolecular Polymer Assemblies. <i>Journal of Polymer Science Part A</i> , 2009 , 47, 1052-1060	2.5	31
193	Proton conduction in 1H-1,2,3-triazole polymers: Imidazole-like or pyrazole-like?. <i>Journal of Polymer Science Part A</i> , 2010 , 48, 1851-1858	2.5	31
192	Dependence of the two-photon absorption cross section on the conjugation of the phenylacetylene linker in dipolar donor-bridge-acceptor chromophores. <i>Journal of Physical Chemistry A</i> , 2005 , 109, 9767-74	2.8	31
191	Systematic behavior of electro-optic chromophore photostability. <i>Optics Letters</i> , 2000 , 25, 332-4	3	31
190	Reactive Self-Assembly of Polymers and Proteins to Reversibly Silence a Killer Protein. <i>Biomacromolecules</i> , 2015 , 16, 3161-71	6.9	30
189	Dual Stimuli - Dual Response Nanoassemblies Prepared from a Simple Homopolymer. <i>ACS Macro Letters</i> , 2014 , 3, 1-5	6.6	30
188	Effect of Hofmeister ions on the size and encapsulation stability of polymer nanogels. <i>Langmuir</i> , 2013 , 29, 50-5	4	29
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186	Influence of backbone conformational rigidity in temperature-sensitive amphiphilic supramolecular assemblies. <i>Journal of the American Chemical Society</i> , 2015 , 137, 5308-11	16.4	28
185	Blended Assemblies of Amphiphilic Random and Block Copolymers for Tunable Encapsulation and Release of Hydrophobic Guest Molecules. <i>Macromolecules</i> , 2020 , 53, 2713-2723	5.5	28
184	Dendritic and linear macromolecular architectures for photovoltaics: a photoinduced charge transfer investigation. <i>Journal of the American Chemical Society</i> , 2009 , 131, 2727-38	16.4	28
183	Polymeric inverse micelles as selective peptide extraction agents for MALDI-MS analysis. <i>Analytical Chemistry</i> , 2007 , 79, 7124-30	7.8	28

182	Accessing lipophilic ligands in dendrimer-based amphiphilic supramolecular assemblies for protein-induced disassembly. <i>Chemistry - A European Journal</i> , 2012 , 18, 223-9	4.8	27
181	Effect of guest molecule flexibility in access to dendritic interiors. <i>Organic Letters</i> , 2005 , 7, 2809-12	6.2	27
180	Photostability of electro-optic polymers possessing chromophores with efficient amino donors and cyano-containing acceptors. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2001 , 18, 1846	1.7	27
179	A supramolecular dissociation strategy for protein sensing. <i>Chemical Communications</i> , 2015 , 51, 17265-85.8		26
178	Interconnected roles of scaffold hydrophobicity, drug loading, and encapsulation stability in polymeric nanocarriers. <i>Molecular Pharmaceutics</i> , 2012 , 9, 3569-78	5.6	26
177	Dendrimer analogues of linear molecules to evaluate energy and charge-transfer properties. <i>Organic Letters</i> , 2006 , 8, 2981-4	6.2	26
176	Energy and charge transfer dynamics in fully decorated benzyl ether dendrimers and their disubstituted analogues. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 24331-9	3.4	26
175	Engineered Interactions with Mesoporous Silica Facilitate Intracellular Delivery of Proteins and Gene Editing. <i>Nano Letters</i> , 2020 , 20, 4014-4021	11.5	26
174	Advances in Polymer and Polymeric Nanostructures for Protein Conjugation. <i>European Polymer Journal</i> , 2013 , 49, 2906-2918	5.2	25
173	Fluorophore-cored dendrimers for patterns in metalloprotein sensing. <i>Chemical Communications</i> , 2009 , 806-8	5.8	25
172	Sequences in dendrons and dendrimers. <i>Journal of Organic Chemistry</i> , 2004 , 69, 2937-44	4.2	25
171	Functional group diversity in dendrimers. <i>Organic Letters</i> , 2002 , 4, 3751-3	6.2	25
170	F MRI of Polymer Nanogels Aided by Improved Segmental Mobility of Embedded Fluorine Moieties. <i>Biomacromolecules</i> , 2019 , 20, 790-800	6.9	25
169	Role of Aromatic Interactions in Temperature-Sensitive Amphiphilic Supramolecular Assemblies. <i>Langmuir</i> , 2016 , 32, 2874-81	4	24
168	Self-assembly of facially amphiphilic dendrimers on surfaces. <i>Journal of the American Chemical Society</i> , 2006 , 128, 14760-1	16.4	24
167	Dendrimers based on a three-dimensionally disposed AB ₄ monomer. <i>Organic Letters</i> , 2004 , 6, 2547-50	6.2	24
166	Towards dendrimers as biomimetic macromolecules. <i>Comptes Rendus Chimie</i> , 2003 , 6, 767-778	2.7	23
165	Matrix Metalloproteinase-9-Responsive Nanogels for Proximal Surface Conversion and Activated Cellular Uptake. <i>Biomacromolecules</i> , 2018 , 19, 860-871	6.9	22

164	Improved performances in polymer BHJ solar cells through frontier orbital tuning of small molecule additives in ternary blends. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 9920-4	9.5	22
163	Thermoresponsive Polymeric Nanoparticles: Nucleation from Cooperative Polymerization Driven by Dative Bonds. <i>Macromolecules</i> , 2014 , 47, 5869-5876	5.5	21
162	Broadening Absorption in Conductive Polymers through Cross-linkable Side Chains in a Nonconjugated Polymer Backbone. <i>Macromolecules</i> , 2010 , 43, 37-43	5.5	21
161	Importance of dynamic hydrogen bonds and reorientation barriers in proton transport. <i>Chemical Communications</i> , 2011 , 47, 6638-40	5.8	21
160	Functional group density and recognition in polymer nanotubes. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 110-4	16.4	21
159	Bait-and-Switch Supramolecular Strategy To Generate Noncationic RNA-Polymer Complexes for RNA Delivery. <i>Biomacromolecules</i> , 2019 , 20, 435-442	6.9	21
158	Activatable Dendritic F Probes for Enzyme Detection. <i>ACS Macro Letters</i> , 2015 , 4, 422-425	6.6	20
157	Non-cationic Material Design for Nucleic Acid Delivery. <i>Advanced Therapeutics</i> , 2020 , 3, 1900206	4.9	20
156	pH responsive soft nanoclusters with size and charge variation features. <i>Polymer Chemistry</i> , 2014 , 5, 1737-1742	4.9	20
155	Synthesis of nonconjugated dendrons with a redox gradient. <i>Journal of Organic Chemistry</i> , 2003 , 68, 5552-67	6.7	20
154	Zwitterionic Amphiphilic Homopolymer Assemblies. <i>Polymer Chemistry</i> , 2015 , 6, 6083-6087	4.9	19
153	Virus-inspired approach to nonviral gene delivery vehicles. <i>Biomacromolecules</i> , 2009 , 10, 2189-93	6.9	19
152	Utilizing Inverse Emulsion Polymerization To Generate Responsive Nanogels for Cytosolic Protein Delivery. <i>Molecular Pharmaceutics</i> , 2017 , 14, 4515-4524	5.6	18
151	Selective enrichment and analysis of acidic peptides and proteins using polymeric reverse micelles and MALDI-MS. <i>Analytical Chemistry</i> , 2010 , 82, 8686-91	7.8	18
150	Third-order optical autocorrelator for time-domain operation at telecommunication wavelengths. <i>Applied Physics Letters</i> , 2004 , 85, 179-181	3.4	18
149	Temporal and Triggered Evolution of Host-Guest Characteristics in Amphiphilic Polymer Assemblies. <i>Journal of the American Chemical Society</i> , 2016 , 138, 7508-11	16.4	17
148	Effect of Substituents on Optical Properties and Charge-Carrier Polarity of Squaraine Dyes. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 1793-1799	3.8	17
147	Macromolecular architectures for organic photovoltaics. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 4043-57	3.6	17

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144	Functionalizable Amine-based Polymer Nanoparticles. <i>ACS Macro Letters</i> , 2013 , 2, 948-951	6.6	16
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142	Recognition and modulation of cytochrome c redox properties using an amphiphilic homopolymer. <i>Langmuir</i> , 2007 , 23, 3891-7	4	16
141	Supramolecular Assemblies for Transporting Proteins Across an Immiscible Solvent Interface. <i>Journal of the American Chemical Society</i> , 2018 , 140, 2421-2425	16.4	15
140	Self-assembly of random co-polymers for selective binding and detection of peptides. <i>Polymer Chemistry</i> , 2018 , 9, 1066-1071	4.9	15
139	Crystallinity and morphology effects on a solvent-processed solar cell using a triarylamine-substituted squaraine. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 11376-84	9.5	15
138	Electrostatic control of peptide side-chain reactivity using amphiphilic homopolymer-based supramolecular assemblies. <i>Journal of the American Chemical Society</i> , 2013 , 135, 14179-88	16.4	15
137	Environment-dependent guest exchange in supramolecular hosts. <i>Langmuir</i> , 2014 , 30, 12384-90	4	15
136	Characterisation of a dipolar chromophore with third-harmonic generation applications in the near-IR. <i>Journal of Materials Chemistry</i> , 2012 , 22, 4371		15
135	Smart Organic Two-Dimensional Materials Based on a Rational Combination of Non-covalent Interactions. <i>Angewandte Chemie</i> , 2016 , 128, 10865-10869	3.6	15
134	Importance of Evaluating Dynamic Encapsulation Stability of Amphiphilic Assemblies in Serum. <i>Biomacromolecules</i> , 2017 , 18, 4163-4170	6.9	14
133	Oligomers as Triggers for Responsive Liquid Crystals. <i>Langmuir</i> , 2018 , 34, 10092-10101	4	14
132	Matrix-assisted laser desorption ionization-mass spectrometry signal enhancement of peptides after selective extraction with polymeric reverse micelles. <i>Analytical Chemistry</i> , 2010 , 82, 3686-91	7.8	14
131	Disulfide-containing Macromolecules for Therapeutic Delivery. <i>Israel Journal of Chemistry</i> , 2020 , 60, 1323-1329	3.49	14
130	Photoinduced heterodisulfide metathesis for reagent-free synthesis of polymer nanoparticles. <i>Chemical Communications</i> , 2015 , 51, 1425-8	5.8	13
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