

Zhan-Ting Li

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278
papers

9,970
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51
h-index

89
g-index

312
ext. papers

11,006
ext. citations

6.4
avg, IF

6.33
L-index

#	Paper	IF	Citations
278	Aromatic amide foldamers: structures, properties, and functions. <i>Chemical Reviews</i> , 2012 , 112, 5271-31668.1		499
277	Single-molecular artificial transmembrane water channels. <i>Journal of the American Chemical Society</i> , 2012 , 134, 8384-7	16.4	336
276	Selective artificial transmembrane channels for protons by formation of water wires. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 12564-8	16.4	305
275	Toward a single-layer two-dimensional honeycomb supramolecular organic framework in water. <i>Journal of the American Chemical Society</i> , 2013 , 135, 17913-8	16.4	287
274	Hydrogen bonded oligohydrazide foldamers and their recognition for saccharides. <i>Journal of the American Chemical Society</i> , 2004 , 126, 12386-94	16.4	230
273	Chiral selective transmembrane transport of amino acids through artificial channels. <i>Journal of the American Chemical Society</i> , 2013 , 135, 2152-5	16.4	228
272	Tubular Unimolecular Transmembrane Channels: Construction Strategy and Transport Activities. <i>Accounts of Chemical Research</i> , 2015 , 48, 1612-9	24.3	200
271	Peptide mimics by linear arylamides: a structural and functional diversity test. <i>Accounts of Chemical Research</i> , 2008 , 41, 1343-53	24.3	165
270	Shape-persistent aromatic amide oligomers: new tools for supramolecular chemistry. <i>Chemistry - an Asian Journal</i> , 2006 , 1, 766-78	4.5	163
269	Discrete and polymeric self-assembled dendrimers: hydrogen bond-mediated assembly with high stability and high fidelity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 5099-104	11.5	159
268	Hydrazide-based quadruply hydrogen-bonded heterodimers. Structure, assembling selectivity, and supramolecular substitution. <i>Journal of the American Chemical Society</i> , 2003 , 125, 15128-39	16.4	157
267	Pillar[n]arenes (n = 8-10) with two cavities: synthesis, structures and complexing properties. <i>Chemical Communications</i> , 2012 , 48, 10999-1001	5.8	154
266	Vesicles and organogels from foldamers: a solvent-modulated self-assembling process. <i>Journal of the American Chemical Society</i> , 2008 , 130, 6936-7	16.4	153
265	Three-dimensional periodic supramolecular organic framework ion sponge in water and microcrystals. <i>Nature Communications</i> , 2014 , 5, 5574	17.4	148
264	F...H-N hydrogen bonding driven foldamers: efficient receptors for dialkylammonium ions. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 5725-9	16.4	143
263	Aromatic amide and hydrazide foldamer-based responsive host-guest systems. <i>Accounts of Chemical Research</i> , 2014 , 47, 1961-70	24.3	141
262	Hydrogen-bonding-driven preorganized zinc porphyrin receptors for efficient complexation of C ₆₀ , C ₇₀ , and C ₆₀ derivatives. <i>Journal of the American Chemical Society</i> , 2005 , 127, 17460-8	16.4	140

261	The Organic Flatland-Recent Advances in Synthetic 2D Organic Layers. <i>Advanced Materials</i> , 2015 , 27, 5762-70	24	138
260	Supramolecular metal-organic frameworks that display high homogeneous and heterogeneous photocatalytic activity for H ₂ production. <i>Nature Communications</i> , 2016 , 7, 11580	17.4	135
259	Voltage-driven reversible insertion into and leaving from a lipid bilayer: tuning transmembrane transport of artificial channels. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 4578-81	16.4	135
258	Diastereomeric recognition of chiral foldamer receptors for chiral glucoses. <i>Organic Letters</i> , 2007 , 9, 1797-800	6.2	115
257	A polycationic covalent organic framework: a robust adsorbent for anionic dye pollutants. <i>Polymer Chemistry</i> , 2016 , 7, 3392-3397	4.9	111
256	Foldamer organogels: a circular dichroism study of glucose-mediated dynamic helicity induction and amplification. <i>Journal of the American Chemical Society</i> , 2008 , 130, 13450-9	16.4	109
255	Self-Assembling Calix[4]arene [2]Catenanes. Preorganization, Conformation, Selectivity, and Efficiency. <i>Journal of Organic Chemistry</i> , 1999 , 64, 3572-3584	4.2	108
254	Supramolecular organic frameworks: engineering periodicity in water through host-guest chemistry. <i>Chemical Communications</i> , 2016 , 52, 6351-62	5.8	102
253	Selective rearrangements of quadruply hydrogen-bonded dimer driven by donor-acceptor interaction. <i>Chemistry - A European Journal</i> , 2003 , 9, 2904-13	4.8	100
252	Dimerization of conjugated radical cations: an emerging non-covalent interaction for self-assembly. <i>Chemistry - an Asian Journal</i> , 2015 , 10, 56-68	4.5	98
251	A two-dimensional single-layer supramolecular organic framework that is driven by viologen radical cation dimerization and further promoted by cucurbit[8]uril. <i>Polymer Chemistry</i> , 2014 , 5, 4715-4721	4.9	92
250	Engineering a polymeric chiral catalyst by using hydrogen bonding and coordination interactions. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 4108-12	16.4	92
249	Single-Step Solution-Phase Synthesis of Free-Standing Two-Dimensional Polymers and Their Evolution into Hollow Spheres. <i>Macromolecules</i> , 2013 , 46, 7745-7752	5.5	89
248	Selective recognition of sodium cyanide and potassium cyanide by diaza-crown ether-capped Zn-porphyrin receptors in polar solvents. <i>Tetrahedron</i> , 2005 , 61, 8095-8100	2.4	89
247	Hydrogen-bonded helical hydrazide oligomers and polymer that mimic the ion transport of gramicidin A. <i>Journal of the American Chemical Society</i> , 2014 , 136, 13078-81	16.4	87
246	Hydrogen bonded aryl amide and hydrazide oligomers: a new generation of preorganized soft frameworks. <i>Chemical Communications</i> , 2010 , 46, 1601-16	5.8	85
245	C-H...O hydrogen bonding induced triazole foldamers: efficient halogen bonding receptors for organohalogens. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 1657-61	16.4	84
244	Controllable macrocyclic supramolecular assemblies in aqueous solution. <i>Science China Chemistry</i> , 2018 , 61, 979-992	7.9	81

243	Helicity induction in hydrogen-bonding-driven zinc porphyrin foldamers by chiral C60-incorporating histidines. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 796-800	16.4	81
242	Synthetic Channel Specifically Inserts into the Lipid Bilayer of Gram-Positive Bacteria but not that of Mammalian Erythrocytes. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 2999-3003	16.4	75
241	Supramolecular organic frameworks (SOFs): homogeneous regular 2D and 3D pores in water. <i>National Science Review</i> , 2017 , 4, 426-436	10.8	71
240	Hydrogen-bonded aryl amide macrocycles: synthesis, single-crystal structures, and stacking interactions with fullerenes and coronene. <i>Journal of Organic Chemistry</i> , 2008 , 73, 1745-51	4.2	69
239	Selective Artificial Transmembrane Channels for Protons by Formation of Water Wires. <i>Angewandte Chemie</i> , 2011 , 123, 12772-12776	3.6	68
238	Dynamic [2]catenanes based on a hydrogen bonding-mediated bis-zinc porphyrin foldamer tweezer: a case study. <i>Journal of Organic Chemistry</i> , 2007 , 72, 2897-905	4.2	65
237	Hydrogen-bonding-induced planar, rigid, and zigzag oligoanthranilamides. Synthesis, characterization, and self-assembly of a metallocyclophane. <i>Journal of Organic Chemistry</i> , 2004 , 69, 6221-27	4.2	63
236	Hydrogen-bonding-mediated anthranilamide homoduplexes. Increasing stability through preorganization and iterative arrangement of a simple amide binding site. <i>Journal of the American Chemical Society</i> , 2006 , 128, 12307-13	16.4	59
235	Highly stable chiral (A) ₆ -B supramolecular copolymers: a multivalency-based self-assembly process. <i>Journal of the American Chemical Society</i> , 2011 , 133, 11124-7	16.4	57
234	Hydrogen bond-induced rigid oligoanthranilamide ribbons that are planar and straight. <i>Organic Letters</i> , 2004 , 6, 229-32	6.2	57
233	Hydrogen-bonding-induced oligoanthranilamide foldamers. Synthesis, characterization, and complexation for aliphatic ammonium ions. <i>Tetrahedron</i> , 2005 , 61, 7974-7980	2.4	57
232	Hydrogen bonding-directed multicomponent dynamic covalent assembly of mono- and bimakrocycles. Self-sorting and macrocycle exchange. <i>Journal of Organic Chemistry</i> , 2008 , 73, 9403-10	4.2	56
231	Hydrogen bonding-induced aromatic oligoamide foldamers as spherand analogues to accelerate the hydrolysis of nitro-substituted anisole in aqueous media. <i>Journal of Organic Chemistry</i> , 2007 , 72, 8704-7	4.2	56
230	Folding of aromatic amide-based oligomers induced by benzene-1,3,5-tricarboxylate anion in DMSO. <i>Journal of Organic Chemistry</i> , 2009 , 74, 7267-73	4.2	55
229	Tetrathiafulvalenophanes and their catenanes. <i>Journal of Materials Chemistry</i> , 1997 , 7, 1175-1187		55
228	Hydrogen bonding-mediated oligobenzamide foldamer receptors that efficiently bind a triol and saccharides in chloroform. <i>New Journal of Chemistry</i> , 2005 , 29, 1213	3.6	54
227	Hydrogen-bonding-mediated dynamic covalent synthesis of macrocycles and capsules: new receptors for aliphatic ammonium ions and the formation of pseudo[3]rotaxanes. <i>Chemistry - A European Journal</i> , 2009 , 15, 5763-74	4.8	51
226	Zipper-featured delta-peptide foldamers driven by donor-acceptor interaction. Design, synthesis, and characterization. <i>Journal of Organic Chemistry</i> , 2004 , 69, 270-9	4.2	51

225	Tuning sensitivity of a simple hydrazone for selective fluorescent "turn on" chemo-sensing of Al and its application in living cells imaging. <i>Talanta</i> , 2017 , 164, 307-313	6.2	48
224	Halogen Bonding and Hydrogen Bonding Coexist in Driving Self-Assembly Process. <i>Crystal Growth and Design</i> , 2004 , 4, 53-56	3.5	48
223	Synthesis of Novel Tetrathiafulvalene-Based [3]Pseudocatenanes by Self-Assembly; Prevention of trans/cis Isomerization. <i>Angewandte Chemie International Edition in English</i> , 1995 , 34, 2524-2528		48
222	Halogen Bonding Directed Supramolecular Quadruple and Double Helices from Hydrogen-Bonded Arylamide Foldamers. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 226-230	16.4	48
221	Foldamer-tuned switching kinetics and metastability of [2]rotaxanes. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 9866-70	16.4	47
220	Self-assembly of vesicles from amphiphilic aromatic amide-based oligomers. <i>Langmuir</i> , 2009 , 25, 2684-8	4	47
219	Hydrogen bonding-directed quantitative self-assembly of cyclotrimeratrylene capsules and their encapsulation of C60 and C70. <i>Journal of Organic Chemistry</i> , 2011 , 76, 3531-5	4.2	46
218	The NH...X (X = Cl, Br, and I) Hydrogen-Bonding Pattern in Aromatic Amides: A Crystallographic and 1H NMR Study. <i>Crystal Growth and Design</i> , 2008 , 8, 1294-1300	3.5	45
217	First zipper-featured molecular duplexes driven by cooperative donor-acceptor interaction. <i>Organic Letters</i> , 2003 , 5, 1955-8	6.2	45
216	In situ-prepared homogeneous supramolecular organic framework drug delivery systems (sof-DDSs): Overcoming cancer multidrug resistance and controlled release. <i>Chinese Chemical Letters</i> , 2017 , 28, 798-806	8.1	43
215	Directional Potassium Transport through a Unimolecular Peptide Channel. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 14678-14682	16.4	42
214	A three-dimensional cross-linking supramolecular polymer stabilized by the cooperative dimerization of the viologen radical cation. <i>Polymer Chemistry</i> , 2014 , 5, 341-345	4.9	42
213	Solvophobicity-driven oligo(ethylene glycol) helical foldamers. Synthesis, characterization, and complexation with ethane-1,2-diaminium. <i>Journal of Organic Chemistry</i> , 2004 , 69, 6228-37	4.2	42
212	Self-assembly of three-dimensional supramolecular polymers through cooperative tetrathiafulvalene radical cation dimerization. <i>Chemistry - A European Journal</i> , 2014 , 20, 575-84	4.8	40
211	Strong stacking between FH...N hydrogen-bonded foldamers and fullerenes: formation of supramolecular nano networks. <i>Chemistry - A European Journal</i> , 2007 , 13, 9990-8	4.8	39
210	Recognition through self-assembly. A quadruply-hydrogen-bonded, strapped porphyrin cleft that binds dipyrrolyl molecules and a [2]rotaxane. <i>Journal of Organic Chemistry</i> , 2004 , 69, 899-907	4.2	39
209	Reverse vesicles formed by hydrogen bonded arylamide-derived triammonium cyclophanes and hexaammonium capsule. <i>Chemical Communications</i> , 2009 , 6634-6	5.8	38
208	A novel strapped porphyrin receptor for molecular recognition. <i>Tetrahedron</i> , 2003 , 59, 4881-4889	2.4	38

207	pH-Responsive single-layer honeycomb supramolecular organic frameworks that exhibit antimicrobial activity. <i>Polymer Chemistry</i> , 2016 , 7, 1861-1865	4.9	37
206	Quadruple switching of pleated foldamers of tetrathiafulvalene-bipyridinium alternating dynamic covalent polymers. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 4028-31	16.4	37
205	Self-assembly of novel [3]- and [2]rotaxanes with two different ring components: donor-acceptor and hydrogen bonding interactions and molecular-shuttling behavior. <i>Journal of Organic Chemistry</i> , 2001 , 66, 7035-43	4.2	37
204	Hydrogen bonding-mediated self-assembly of rigid and planar metallocyclophanes and their recognition for mono- and disaccharides. <i>Tetrahedron</i> , 2004 , 60, 10253-10260	2.4	36
203	Loading-free supramolecular organic framework drug delivery systems (sof-DDSs) for doxorubicin: normal plasm and multidrug resistant cancer cell-adaptive delivery and release. <i>Chinese Chemical Letters</i> , 2017 , 28, 893-899	8.1	34
202	F [⋯] H [⋯] N and MeO [⋯] H [⋯] N Hydrogen-Bonding in the Solid States of Aromatic Amides and Hydrazides: A Comparison Study. <i>Crystal Growth and Design</i> , 2007 , 7, 1490-1496	3.5	33
201	A Dynamic Route to Structure and Function: Recent Advances in Imine-Based Organic Nanostructured Materials. <i>Australian Journal of Chemistry</i> , 2013 , 66, 9	1.2	32
200	F [⋯] H [⋯] N Hydrogen Bonding Driven Foldamers: Efficient Receptors for Dialkylammonium Ions. <i>Angewandte Chemie</i> , 2005 , 117, 5871-5875	3.6	32
199	Synthesis and anticancer activities of a novel class of mono- and di-metallic Pt(II)(salicylaldiminato)(DMSO or Picolino)Cl complexes. <i>Dalton Transactions</i> , 2015 , 44, 2166-75	4.3	31
198	Helical polymers based on intramolecularly hydrogen-bonded aromatic polyamides. <i>Chemical Communications</i> , 2010 , 46, 9019-21	5.8	31
197	Highly stable pseudo[2]rotaxanes co-driven by crown ether [⋯] ammonium and donor [⋯] acceptor interactions. <i>Tetrahedron</i> , 2004 , 60, 6137-6144	2.4	31
196	Water-Soluble Flexible Organic Frameworks That Include and Deliver Proteins. <i>Journal of the American Chemical Society</i> , 2020 , 142, 3577-3582	16.4	31
195	In Situ Loading and Delivery of Short Single- and Double-Stranded DNA by Supramolecular Organic Frameworks. <i>CCS Chemistry</i> , 2019 , 1, 156-165	7.2	31
194	Methionine-derived Schiff base as selective fluorescent turn-on chemosensor for Zn ²⁺ in aqueous medium and its application in living cells imaging. <i>Sensors and Actuators B: Chemical</i> , 2015 , 211, 544-550	8.5	30
193	C [⋯] H [⋯] O Hydrogen Bonding Induced Triazole Foldamers: Efficient Halogen Bonding Receptors for Organohalogens. <i>Angewandte Chemie</i> , 2012 , 124, 1689-1693	3.6	30
192	Voltage-Driven Reversible Insertion into and Leaving from a Lipid Bilayer: Tuning Transmembrane Transport of Artificial Channels. <i>Angewandte Chemie</i> , 2014 , 126, 4666-4669	3.6	29
191	Enhancing Hydrogen Generation Through Nanoconfinement of Sensitizers and Catalysts in a Homogeneous Supramolecular Organic Framework. <i>Small</i> , 2018 , 14, e1801037	11	29
190	Cholesterol-appended aromatic imine organogelators: a case study of gelation-driven component selection. <i>Langmuir</i> , 2009 , 25, 8414-8	4	28

189	Donor-acceptor interaction-mediated arrangement of hydrogen bonded dimers. <i>Tetrahedron</i> , 2004 , 60, 8275-8284	2.4	28
188	Water-Soluble 3D Covalent Organic Framework that Displays an Enhanced Enrichment Effect of Photosensitizers and Catalysts for the Reduction of Protons to H ₂ . <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 1404-1411	9.5	28
187	A hexaazatriphenylene-based organogel that responds to silver(I) with high selectivity under aqueous condition. <i>Tetrahedron Letters</i> , 2012 , 53, 1840-1842	2	27
186	Postmodification of a supramolecular organic framework: visible-light-induced recyclable heterogeneous photocatalysis for the reduction of azides to amines. <i>Chemical Communications</i> , 2017 , 53, 13367-13370	5.8	27
185	Iridium complex-linked porous organic polymers for recyclable, broad-scope photocatalysis of organic transformations. <i>Green Chemistry</i> , 2020 , 22, 136-143	10	27
184	A stable metal-covalent-supramolecular organic framework hybrid: enrichment of catalysts for visible light-induced hydrogen production. <i>Science China Chemistry</i> , 2018 , 61, 830-835	7.9	26
183	Redox-responsive reverse vesicles self-assembled by pseudo[2]rotaxanes for tunable dye release. <i>Langmuir</i> , 2012 , 28, 14839-44	4	26
182	Construction of microbelts through the coassembly of a dislike molecule and primary alkyl ammoniums: a noncovalent strategy to mimic covalently bonded pi-core alkyl chain structure. <i>Langmuir</i> , 2010 , 26, 13048-51	4	26
181	Vesicle self-assembly by tetrathiafulvalene derivatives in both polar and nonpolar solvents and pseudo-rotaxane mediated vesicle-to-microtube transformation. <i>Langmuir</i> , 2010 , 26, 6878-82	4	26
180	Intramolecular Six-Membered and Three-Center C-H...O Hydrogen Bonding in 1,4-Diphenyl-1,2,3-Triazoles. <i>Crystal Growth and Design</i> , 2009 , 9, 4778-4783	3.5	26
179	Strapped porphyrin rosettes based on the melamine-uracil motif. Self-assembly and supramolecular recognition. <i>Tetrahedron</i> , 2004 , 60, 9155-9162	2.4	26
178	Synthetic Channel Specifically Inserts into the Lipid Bilayer of Gram-Positive Bacteria but not that of Mammalian Erythrocytes. <i>Angewandte Chemie</i> , 2017 , 129, 3045-3049	3.6	25
177	Foldamer-based chiral supramolecular alternate block copolymers tuned by ion-pair binding. <i>Chemical Communications</i> , 2013 , 49, 2673-5	5.8	25
176	Conjugated radical cation dimerization-driven generation of supramolecular architectures. <i>Chinese Chemical Letters</i> , 2015 , 26, 811-816	8.1	24
175	Hydrogen-bonding-driven aromatic foldamers: their structural and functional evolution. <i>Chemical Record</i> , 2015 , 15, 233-51	6.6	24
174	Supramolecular radical polymers self-assembled from the stacking of radical cations of rod-like viologen di- and trimers. <i>Organic Chemistry Frontiers</i> , 2016 , 3, 1635-1645	5.2	24
173	Tetrathiafulvalene-based macrocycles formed by radical cation dimerization: the role of intramolecular hydrogen bonding and solvent. <i>Chemistry - an Asian Journal</i> , 2014 , 9, 1039-44	4.5	24
172	Tunable Coordinative Assembly of a Disc-Like Molecule and Metal Ions: From Microspheres to Microtubes and Microrods. <i>Chemistry of Materials</i> , 2011 , 23, 1505-1511	9.6	24

- 171 Geometrical Preferences of the Hydrogen Bonds on Protein-Ligand Binding Interface Derived from Statistical Surveys and Quantum Mechanics Calculations. *Journal of Chemical Theory and Computation*, **2008**, 4, 1959-73 6.4 24
- 170 A 1,4-diphenyl-1,2,3-triazole-based β -turn mimic constructed by click chemistry. *Journal of Organic Chemistry*, **2012**, 77, 4261-70 4.2 23
- 169 Hydrogen bonded aromatic hydrazide foldamers for the self-assembly of vesicles and gels. *Tetrahedron*, **2009**, 65, 9494-9504 2.4 23
- 168 Supramolecular Organic Frameworks (SOFs): Water-Phase Periodic Porous Self-Assembled Architectures. *Acta Chimica Sinica*, **2015**, 73, 471 3.3 23
- 167 Intramolecular C \equiv N \cdots H hydrogen bonding-induced 1,2,3-triazole-based foldamers. *Organic Chemistry Frontiers*, **2014**, 1, 494-500 5.2 22
- 166 Foldamers as Cross-Links for Tuning the Dynamic Mechanical Property of Methacrylate Copolymers. *Macromolecules*, **2010**, 43, 6185-6192 5.5 22
- 165 Supramolecular polymers and networks driven by cucurbit[8]uril-guest pair encapsulation in water. *Supramolecular Chemistry*, **2016**, 28, 769-783 1.8 21
- 164 Folding-induced folding: the assembly of aromatic amide and 1,2,3-triazole hybrid helices. *Chemistry - A European Journal*, **2014**, 20, 1418-26 4.8 21
- 163 Assessment of the intramolecular C \equiv N \cdots X (X=F, Cl, Br) hydrogen bonding of 1,4-diphenyl-1,2,3-triazoles. *Tetrahedron*, **2012**, 68, 8857-8862 2.4 21
- 162 meta-Substituted benzamide oligomers that complex mono-, di- and tricarboxylates: folding-induced selectivity and chirality. *Organic and Biomolecular Chemistry*, **2011**, 9, 8122-9 3.9 21
- 161 Helicity Induction in Hydrogen-Bonding-Driven Zinc Porphyrin Foldamers by Chiral C60-Incorporating Histidines. *Angewandte Chemie*, **2006**, 118, 810-814 3.6 21
- 160 Hydrogen bonding-driven highly stable homoduplexes formed by benzene/naphthalene amide oligomers. *Organic Chemistry Frontiers*, **2014**, 1, 73-78 5.2 20
- 159 Hydrogen bonding-driven elastic bis(zinc)porphyrin receptors for neutral and cationic electron-deficient guests with a sandwich-styled complexing pattern. *Tetrahedron Letters*, **2007**, 48, 6181-6185²⁰ 6.8 19
- 158 Cross-Linked Pillar[6]arene Nanosponges Fabricated by the Use of a Supra-Amphiphilic Template: Cargo Encapsulation and Overcoming Multidrug Resistance. *ACS Applied Materials & Interfaces*, **2020**, 12, 7974-7983 9.5 19
- 157 Chromone and benzyldithiocarbamate based probe: A highly selective and sensitive platform for colorimetric sensing of Cu²⁺, single crystal of the complex and DFT calculations. *Sensors and Actuators B: Chemical*, **2018**, 263, 594-604 8.5 19
- 156 Acylhydrazone as a novel fluorescence probe for the sequential detection of Al³⁺ and F⁻. *New Journal of Chemistry*, **2018**, 42, 14978-14985 3.6 19
- 155 Dimetallic Ru(II) arene complexes appended on bis-salicylaldimine induce cancer cell death and suppress invasion via p53-dependent signaling. *European Journal of Medicinal Chemistry*, **2018**, 157, 1480-1490¹⁹ 6.8 19
- 154 Novel multiply hydrogen-bonded heterodimers based on heterocyclic ureas. Folding and stability. *Tetrahedron*, **2004**, 60, 2063-2069 2.4 19

153	Artificial Aquaporin That Restores Wound Healing of Impaired Cells. <i>Journal of the American Chemical Society</i> , 2020 , 142, 15638-15643	16.4	19
152	Ruthenium(II)-cored supramolecular organic framework-mediated recyclable visible light photoreduction of azides to amines and cascade formation of lactams. <i>Chinese Chemical Letters</i> , 2019 , 30, 1383-1386	8.1	18
151	Hydrazone macrocycles as effective transmembrane channels for ammonium. <i>Chemical Communications</i> , 2015 , 51, 4819-22	5.8	18
150	Foldamers in pseudo[2]rotaxanes and [2]rotaxanes: tuning the switching kinetics and metastability. <i>Tetrahedron</i> , 2012 , 68, 4517-4527	2.4	18
149	Intramolecular six-membered N \cdots H \cdots Br and N \cdots H \cdots I hydrogen bonding in aromatic amides in the absence of competing interactions. <i>CrystEngComm</i> , 2009 , 11, 235-238	3.3	18
148	Effects of Fluorine in the Self-assembly of Tetrathiafulvalene-based [3]Catenanes-(circum TTF) - A New Approach to Controlling the Regio- and Configurational Selectivity. <i>Synlett</i> , 1997 , 1997, 557-560	2.2	18
147	Polymeric Tubular Aromatic Amide Helices. <i>Macromolecular Rapid Communications</i> , 2017 , 38, 1700179	4.8	17
146	Solvent-driven selective π -cation templating in dynamic assembly of interlocked molecules. <i>Organic Chemistry Frontiers</i> , 2014 , 1, 167-175	5.2	17
145	Foldamer-Tuned Switching Kinetics and Metastability of [2]Rotaxanes. <i>Angewandte Chemie</i> , 2011 , 123, 10040-10044	3.6	17
144	Complexes between hydrogen bonded bisporphyrin tweezers and cholesterol-appended fullerenes as organogelators and liquid crystals. <i>Tetrahedron</i> , 2009 , 65, 10182-10191	2.4	17
143	Foldamer-based pyridine fullerene tweezer receptors for enhanced binding of zinc porphyrin. <i>Tetrahedron</i> , 2006 , 62, 11054-11062	2.4	17
142	Durch Selbstorganisation zu nicht trans/cis-isomerisierenden Tetrathiafulvalen-haltigen [3]Pseudocatenanen. <i>Angewandte Chemie</i> , 1995 , 107, 2719-2723	3.6	17
141	Morpholine or methylpiperazine and salicylaldimine based heteroleptic square planar platinum (II) complexes: In vitro anticancer study and growth retardation effect on E. coli. <i>European Journal of Medicinal Chemistry</i> , 2017 , 131, 263-274	6.8	16
140	Selective synthesis of unsymmetrical ethers from different alcohols catalyzed by sodium bisulfite. <i>Tetrahedron</i> , 2013 , 69, 310-315	2.4	16
139	Five- and six-membered N \cdots S hydrogen bonding in aromatic amides. <i>Tetrahedron Letters</i> , 2009 , 50, 320-324	2	16
138	A click chemistry approach for the synthesis of macrocycles from aryl amide-based precursors directed by hydrogen bonding. <i>Organic and Biomolecular Chemistry</i> , 2009 , 7, 3243-50	3.9	16
137	Hydrogen bonding-mediated self-assembly of square and triangular metallocyclophanes. <i>Tetrahedron Letters</i> , 2005 , 46, 8067-8070	2	16
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