Tangxin Xiao

List of Publications by Year in descending order

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ΤΛΝΟΥΙΝ ΧΙΛΟ

#	Article	IF	CITATIONS
1	pH-Responsive Supramolecular Vesicles Based on Water-Soluble Pillar[6]arene and Ferrocene Derivative for Drug Delivery. Journal of the American Chemical Society, 2013, 135, 10542-10549.	13.7	605
2	Advanced supramolecular polymers constructed by orthogonal self-assembly. Chemical Society Reviews, 2012, 41, 5950.	38.1	355
3	Dynamic Supramolecular Complexes Constructed by Orthogonal Self-Assembly. Accounts of Chemical Research, 2014, 47, 2041-2051.	15.6	212
4	Pillar[5]arene-based polymeric architectures constructed by orthogonal supramolecular interactions. Chemical Communications, 2012, 48, 8529.	4.1	168
5	Warm/cool-tone switchable thermochromic material for smart windows by orthogonally integrating properties of pillar[6]arene and ferrocene. Nature Communications, 2018, 9, 1737.	12.8	163
6	Novel Pillar[5]arene-Based Dynamic Polyrotaxanes Interlocked by the Quadruple Hydrogen Bonding Ureidopyrimidinone Motif. Organic Letters, 2012, 14, 4826-4829.	4.6	139
7	Artificial light-harvesting systems fabricated by supramolecular host–guest interactions. Chinese Chemical Letters, 2019, 30, 31-36.	9.0	119
8	Pillar[5]arene-based supramolecular polypseudorotaxanes constructed from quadruple hydrogen bonding. Polymer Chemistry, 2012, 3, 3060.	3.9	113
9	Supramolecular polymers fabricated by orthogonal self-assembly based on multiple hydrogen bonding and macrocyclic host–guest interactions. Chinese Chemical Letters, 2020, 31, 1-9.	9.0	101
10	Stimuli-responsive nanocarriers constructed from pillar[<i>n</i>]arene-based supra-amphiphiles. Materials Chemistry Frontiers, 2019, 3, 1973-1993.	5.9	98
11	Formation of polypseudorotaxane networks by cross-linking the quadruple hydrogen bonded linear supramolecular polymers via bisparaquat molecules. Chemical Communications, 2011, 47, 10755.	4.1	97
12	Dynamic hydrogels mediated by macrocyclic host–guest interactions. Journal of Materials Chemistry B, 2019, 7, 1526-1540.	5.8	87
13	New linear supramolecular polymers that are driven by the combination of quadruple hydrogen bonding and crown ether–paraquat recognition. Chemical Communications, 2011, 47, 6903.	4.1	85
14	New Light on the Ring–Chain Equilibrium of a Hydrogenâ€Bonded Supramolecular Polymer Based on a Photochromic Dithienylethene Unit and its Energyâ€Transfer Properties as a Storage Material. Chemistry - A European Journal, 2011, 17, 10716-10723.	3.3	72
15	An efficient artificial light-harvesting system with tunable emission in water constructed from a H-bonded AIE supramolecular polymer and Nile Red. Chemical Communications, 2020, 56, 12021-12024.	4.1	70
16	Supramolecular vesicles based on pillar[<i>n</i>]arenes: design, construction, and applications. Organic and Biomolecular Chemistry, 2019, 17, 1336-1350.	2.8	68
17	Novel self-assembled dynamic [2]catenanes interlocked by the quadruple hydrogen bonding ureidopyrimidinone motif. Chemical Science, 2012, 3, 1417.	7.4	66
18	Recent advances of functional gels controlled by pillar[n]arene-based host–guest interactions. Tetrahedron Letters, 2018, 59, 1172-1182.	1.4	61

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19	Dynamic materials fabricated from water soluble pillar[n]arenes bearing triethylene oxide groups. Chinese Chemical Letters, 2019, 30, 271-276.	9.0	57
20	Supramolecular polymer-directed light-harvesting system based on a stepwise energy transfer cascade. Chemical Communications, 2021, 57, 5782-5785.	4.1	54
21	Cobaltâ€Catalyzed Direct Amination of Arenes with Alkylamines <i>via</i> Bidentateâ€Chelation Assistance. Advanced Synthesis and Catalysis, 2016, 358, 2707-2711.	4.3	52
22	Switchable supramolecular polymers from the orthogonal self-assembly of quadruple hydrogen bonding and benzo-21-crown-7–secondary ammonium salt recognition. Chemical Communications, 2013, 49, 8329.	4.1	49
23	Highly Controllable Ring–Chain Equilibrium in Quadruply Hydrogen Bonded Supramolecular Polymers. Macromolecules, 2012, 45, 9585-9594.	4.8	48
24	An artificial light-harvesting system based on the ESIPT–AIE–FRET triple fluorescence mechanism. Journal of Materials Chemistry A, 2022, 10, 8528-8534.	10.3	46
25	Preparation of a fixed-tetraphenylethylene motif bridged ditopic benzo-21-crown-7 and its application for constructing AIE supramolecular polymers. Chinese Chemical Letters, 2021, 32, 1377-1380.	9.0	37
26	An ultralow-acceptor-content supramolecular light-harvesting system for white-light emission. Chemical Communications, 2022, 58, 2343-2346.	4.1	36
27	Advanced Functional Materials Constructed from Pillar[n]arenes. Israel Journal of Chemistry, 2018, 58, 1219-1229.	2.3	35
28	Writable and Self-Erasable Hydrogel Based on Dissipative Assembly Process from Multiple Carboxyl Tetraphenylethylene Derivative. , 2020, 2, 425-429.		34
29	Biomimetic folding of small organic molecules driven by multiple non-covalent interactions. Organic Chemistry Frontiers, 2019, 6, 936-941.	4.5	30
30	An AIE singlet oxygen generation system based on supramolecular strategy. Chinese Chemical Letters, 2021, 32, 1381-1384.	9.0	29
31	Calix[4]arene containing thiourea and coumarin functionality as highly selective fluorescent and colorimetric chemosensor for fluoride ion. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 200, 307-312.	3.9	28
32	Fieldâ€∎mplified sample injection for the determination of albumin and transferrin in human urines by MEKC. Electrophoresis, 2009, 30, 668-673.	2.4	25
33	Acid/base-controllable fluorescent molecular switches based on cryptands and basic N-heteroaromatics. Chemical Communications, 2017, 53, 11838-11841.	4.1	25
34	Supramolecular polymerization and cyclization of dioxynaphthalene motif bridged bifunctional UPys: minor variations in the molecular skeleton and drastic differences in self-assembly. Materials Chemistry Frontiers, 2019, 3, 2738-2745.	5.9	25
35	Acetal-based spirocyclic skeleton bridged tetraphenylethylene dimer for light-harvesting in water with ultrahigh antenna effect. Dyes and Pigments, 2021, 188, 109161.	3.7	23
36	Oxo-spirocyclic structure bridged ditopic Schiff base: A turn-on fluorescent probe for selective recognition of Zn(II) and its application in biosensing. Dyes and Pigments, 2018, 149, 921-926.	3.7	22

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37	Ring-opening supramolecular polymerization controlled by orthogonal non-covalent interactions. Polymer Chemistry, 2019, 10, 3342-3350.	3.9	22
38	A tunable artificial light-harvesting system based on host-guest interaction exhibiting ultrahigh antenna effect and narrowed emission band. Materials Today Chemistry, 2022, 24, 100833.	3.5	22
39	Determination of triptonide by cloud point extraction combined with MEKC. Journal of Separation Science, 2008, 31, 865-871.	2.5	15
40	Supramolecular Copolymers Driven by Quadruple Hydrogen Bonding and Host-Guest Interactions. Chinese Journal of Organic Chemistry, 2020, 40, 944.	1.3	15
41	Efficient artificial light-harvesting system constructed from supramolecular polymers with AIE property. RSC Advances, 2021, 11, 30041-30045.	3.6	14
42	Reversible hydrogen-bonded polymerization regulated by allosteric metal templation. Chemical Communications, 2020, 56, 14385-14388.	4.1	10
43	Asymmetric Michael addition reactions catalyzed by calix[4]thiourea cyclohexanediamine derivatives. Beilstein Journal of Organic Chemistry, 2018, 14, 1901-1907.	2.2	9
44	β-D-Galactose-Functionalized Pillar[5]arene With Interesting Planar-Chirality for Constructing Chiral Nanoparticles. Frontiers in Chemistry, 2019, 7, 743.	3.6	9
45	Selfâ€assembled Fluorescent Nanoparticles with Tunable LCST Behavior in Water. Chemistry - an Asian Journal, 2022, 17, .	3.3	9
46	Editorial: Host-Guest Chemistry of Macrocycles. Frontiers in Chemistry, 2020, 8, 628200.	3.6	8
47	Supramolecular Polymers With AIE Property Fabricated From a Cyanostilbene Motif-Derived Ditopic Benzo-21-Crown-7 and a Ditopic Dialkylammonium Salt. Frontiers in Chemistry, 2020, 8, 610093.	3.6	7
48	Novel Macrocycles Bearing Dithienylethene Units and Urea Functional Groups: Synthesis, Structure and Photochromic Property. Chinese Journal of Chemistry, 2013, 31, 627-634.	4.9	5
49	Supramolecular Self-Assembly of Dioxyphenylene Bridged Ureidopyrimidinone Derivatives. Chinese Journal of Organic Chemistry, 2020, 40, 3847.	1.3	4
50	Hydrogen-Bonded Supramolecular Polymers. Lecture Notes in Quantum Chemistry II, 2015, , 321-350.	0.3	2
51	Supramolecular Functional Complexes Constructed by Orthogonal Self-Assembly. , 2019, , 1-28.		1
52	Systems Based on Calixarenes for the Creation of Catalysts. Series on Chemistry, Energy and the Environment, 2020, , 117-148.	0.3	1
53	Supramolecular Functional Complexes Constructed by Orthogonal Self-Assembly. , 2020, , 1317-1344.		1
54	Synthesis and crystal structure of trifluoromethyl-containing bendamustine hydrochloride. Journal of Chemical Research, 2019, 43, 386-391.	1.3	0

#	Article	IF	CITATIONS
55	Editorial: Suprastars of Chemistry. Frontiers in Chemistry, 0, 10, .	3.6	0