

Peifa Wei

List of Publications by Year in descending order

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47
papers

2,895
citations

201674

27
h-index

214800

47
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all docs

47
docs citations

47
times ranked

3427
citing authors

#	ARTICLE	IF	CITATIONS
1	Supramolecular polymers constructed by orthogonal self-assembly based on host-guest and metal-ligand interactions. <i>Chemical Society Reviews</i> , 2015, 44, 815-832.	38.1	504
2	Responsive Supramolecular Polymer Metallogel Constructed by Orthogonal Coordination-Driven Self-Assembly and Host/Guest Interactions. <i>Journal of the American Chemical Society</i> , 2014, 136, 4460-4463.	13.7	265
3	Multiple yet Controllable Photoswitching in a Single AIEgen System. <i>Journal of the American Chemical Society</i> , 2018, 140, 1966-1975.	13.7	209
4	Aggregation-Induced Emission Luminogen with Near-Infrared-II Excitation and Near-Infrared-I Emission for Ultradeep Intravital Two-Photon Microscopy. <i>ACS Nano</i> , 2018, 12, 7936-7945.	14.6	193
5	A Novel Diblock Copolymer with a Supramolecular Polymer Block and a Traditional Polymer Block: Preparation, Controllable Self-Assembly in Water, and Application in Controlled Release. <i>Advanced Materials</i> , 2013, 25, 5725-5729.	21.0	159
6	New Wine in Old Bottles: Prolonging Room-Temperature Phosphorescence of Crown Ethers by Supramolecular Interactions. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 9293-9298.	13.8	105
7	A Discrete Amphiphilic Organoplatinum(II) Metallacycle with Tunable Lower Critical Solution Temperature Behavior. <i>Journal of the American Chemical Society</i> , 2014, 136, 15497-15500.	13.7	101
8	Cyclization-Promoted Ultralong Low-Temperature Phosphorescence via Boosting Intersystem Crossing. <i>Journal of the American Chemical Society</i> , 2021, 143, 2164-2169.	13.7	82
9	Visualizing the Initial Step of Self-Assembly and the Phase Transition by Stereogenic Amphiphiles with Aggregation-Induced Emission. <i>ACS Nano</i> , 2019, 13, 839-846.	14.6	77
10	“Living” Luminogens: light driven ACQ-to-AIE transformation accompanied with solid-state actuation. <i>Materials Horizons</i> , 2020, 7, 1566-1572.	12.2	71
11	Novel [2]rotaxanes based on the recognition of pillar[5]arenes to an alkane functionalized with triazole moieties. <i>Tetrahedron</i> , 2012, 68, 9179-9185.	1.9	68
12	A dynamic [1]catenane with pH-responsiveness formed via threading-followed-by-complexation. <i>Chemical Communications</i> , 2013, 49, 2512.	4.1	68
13	Biologically Excretable Aggregation-Induced Emission Dots for Visualizing Through the Marmosets Intravitaly: Horizons in Future Clinical Nanomedicine. <i>Advanced Materials</i> , 2021, 33, e2008123.	21.0	63
14	pH-responsive assembly and disassembly of a supramolecular cryptand-based pseudorotaxane driven by π - π stacking interaction. <i>Chemical Communications</i> , 2011, 47, 9840.	4.1	56
15	An anthracene-appended 2:3 copillar[5]arene: synthesis, computational studies, and application in highly selective fluorescence sensing for Fe(III) ions. <i>Chemical Communications</i> , 2015, 51, 15169-15172.	4.1	54
16	Evoking Phototherapy by Capturing Intramolecular Bond Stretching Vibration-Induced Dark-State Energy. <i>ACS Nano</i> , 2020, 14, 4265-4275.	14.6	53
17	[2]Pseudorotaxanes Based on the Recognition of Cryptands to Vinylogous Viologens. <i>Organic Letters</i> , 2011, 13, 6370-6373.	4.6	51
18	Cyclo[4]carbazole, an Iodide Anion Macrocyclic Receptor. <i>Organic Letters</i> , 2016, 18, 5054-5057.	4.6	47

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19	Supramolecular Copolymer Constructed by Hierarchical Self-Assembly of Orthogonal Host-Guest, H-Bonding, and Coordination Interactions. <i>ACS Macro Letters</i> , 2016, 5, 671-675.	4.8	46
20	Molecular Transmission: Visible and Rate-Controllable Photoreactivity and Synergy of Aggregation-Induced Emission and Host-Guest Assembly. <i>Chemistry of Materials</i> , 2019, 31, 1092-1100.	6.7	46
21	Pseudorotaxanes from self-assembly of two crown ether-based cryptands and a 1,2-bis(pyridinium) ethane derivative. <i>Chemical Communications</i> , 2012, 48, 4968.	4.1	41
22	Two 2-copillar[5]arene constitutional isomers: syntheses, crystal structures and host-guest complexation of their derivatives with dicarboxylic acid sodium salts in water. <i>Chemical Communications</i> , 2013, 49, 1070.	4.1	40
23	Supramolecular Polymerization with Dynamic Self-Sorting Sequence Control. <i>Macromolecules</i> , 2019, 52, 8814-8825.	4.8	40
24	A pillar[6]arene-based [2]pseudorotaxane in solution and in the solid state and its photo-responsive self-assembly behavior in solution. <i>Chemical Communications</i> , 2016, 52, 513-516.	4.1	36
25	A responsive supramolecular polymer formed by orthogonal metal-coordination and cryptand-based host-guest interaction. <i>Chemical Communications</i> , 2014, 50, 3973-3975.	4.1	32
26	An ideal platform of light-emitting materials from phenothiazine: facile preparation, tunable red/NIR fluorescence, bent geometry-promoted AIE behaviour and selective lipid-droplet (LD) tracking ability. <i>Journal of Materials Chemistry C</i> , 2019, 7, 4185-4190.	5.5	32
27	Reversible formation of a poly[3]rotaxane based on photo dimerization of an anthracene-capped [3]rotaxane. <i>Chemical Communications</i> , 2014, 50, 14105-14108.	4.1	31
28	Robust Supramolecular Nano-Tunnels Built from Molecular Bricks**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 7148-7154.	13.8	28
29	Positive/Negative Phototropism: Controllable Molecular Actuators with Different Bending Behavior. <i>CCS Chemistry</i> , 2021, 3, 1491-1500.	7.8	27
30	Metallosupramolecular Poly[2]pseudorotaxane Constructed by Metal Coordination and Crown-Ether-Based Molecular Recognition. <i>Organic Letters</i> , 2014, 16, 126-129.	4.6	26
31	Amphiphilic pillar[5]arenes: influence of chemical structure on self-assembly morphology and application in gas response and β -DNA condensation. <i>RSC Advances</i> , 2014, 4, 6042.	3.6	26
32	Benzo-21-crown-7-Based [1]Rotaxanes: Syntheses, X-ray Crystal Structures, and Dynamic Characteristics. <i>Organic Letters</i> , 2013, 15, 5350-5353.	4.6	25
33	Supramolecular Side-Chain Poly[2]pseudorotaxanes Formed by Orthogonal Coordination-Driven Self-Assembly and Crown-Ether-Based Host-Guest Interactions. <i>Organic Letters</i> , 2014, 16, 2850-2853.	4.6	21
34	A chemical-responsive bis(m-phenylene)-32-crown-10/2,7-diazapyrenium salt [2]pseudorotaxane. <i>Chemical Communications</i> , 2012, 48, 8201.	4.1	20
35	[2]Pseudorotaxane-Based Supramolecular Optical Indicator for the Visual Detection of Cellular Cyanide Excretion. <i>Chemistry - A European Journal</i> , 2019, 25, 14447-14453.	3.3	19
36	[2]Pseudorotaxanes ($n = 2, 3$) from Self-Assembly of Two Cryptands and a 1,2-Bis(4-pyridinium)ethane Derivative. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 6351-6356.	2.4	18

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37	Three Protocols for the Formation of a [3]Pseudorotaxane via Orthogonal Cryptand-Based Host-Guest Recognition and Coordination-Driven Self-Assembly. <i>Organic Letters</i> , 2013, 15, 4984-4987.	4.6	18
38	Responsive cross-linked supramolecular polymer network: hierarchical supramolecular polymerization driven by cryptand-based molecular recognition and metal coordination. <i>Polymer Chemistry</i> , 2014, 5, 3972-3976.	3.9	17
39	Taco complex-templated highly regio- and stereo-selective photodimerization of a coumarin-containing crown ether. <i>Chemical Communications</i> , 2017, 53, 1688-1691.	4.1	17
40	Taco complex-templated dynamic clipping to cryptand-based [2]rotaxane- and [2]catenane-type mechanically interlocked structures. <i>RSC Advances</i> , 2013, 3, 21289.	3.6	15
41	Chemically-Responsive Complexation of A Diquaternary Salt with Bis(<i>m</i> -phenylene)-32-Crown-10 Derivatives and Host Substituent Effect on Complexation Geometry. <i>Organic Letters</i> , 2013, 15, 534-537.	4.6	15
42	New Wine in Old Bottles: Prolonging Room-Temperature Phosphorescence of Crown Ethers by Supramolecular Interactions. <i>Angewandte Chemie</i> , 2020, 132, 9379-9384.	2.0	14
43	An Air-Stable Organic Radical from a Controllable Photoinduced Domino Reaction of a Hexa-aryl Substituted Anthracene. <i>Journal of Organic Chemistry</i> , 2021, 86, 7359-7369.	3.2	5
44	Robust Supramolecular Nano-Tunnels Built from Molecular Bricks**. <i>Angewandte Chemie</i> , 2021, 133, 7224-7230.	2.0	4
45	Facile Synthesis of Functional Processable Fluoropolydienes by Alkyne-Based Multicomponent Polycouplings. <i>Macromolecules</i> , 2020, 53, 9859-9868.	4.8	4
46	Two bis(<i>p</i> -phenylene)-34-crown-10-based cryptand constitutional isomers: different binding abilities induced by structural alterations. <i>Tetrahedron Letters</i> , 2014, 55, 5825-5828.	1.4	3
47	[<i>n</i>]Pseudorotaxanes constructed by a bis(<i>p</i> -phenylene)-34-crown-10-based cryptand: different binding behaviors induced by minor structural changes of guests. <i>RSC Advances</i> , 2015, 5, 38906-38909.	3.6	3