

# Jia-Rui Wu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3829609/publications.pdf>

Version: 2024-02-01

30  
papers

1,779  
citations

279798

23  
h-index

501196

28  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1262  
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Performance Functional Fe-MOF for Removing Aflatoxin B1 and Other Organic Pollutants. <i>Advanced Materials Interfaces</i> , 2022, 9, .	3.7	14
2	Guest-induced amorphous-to-crystalline transformation enables sorting of haloalkane isomers with near-perfect selectivity. <i>Science Advances</i> , 2022, 8, .	10.3	29
3	Construction of Hydrazone-Linked Macrocyclic-Enriched Covalent Organic Frameworks for Highly Efficient Photocatalysis. <i>Chemistry of Materials</i> , 2022, 34, 5726-5739.	6.7	33
4	Synthetic Macrocyclic-Based Nonporous Adaptive Crystals for Molecular Separation. <i>Angewandte Chemie</i> , 2021, 133, 1714-1725.	2.0	15
5	Synthetic Macrocyclic-Based Nonporous Adaptive Crystals for Molecular Separation. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 1690-1701.	13.8	121
6	High-Performance <i>n</i> -Hexane Purification by Nonporous Adaptive Crystals of Leaning Pillar[6]arene. <i>CCS Chemistry</i> , 2021, 3, 836-843.	7.8	34
7	Macrocyclic Arenes-Based Conjugated Macrocyclic Polymers for Highly Selective CO <sub>2</sub> Capture and Iodine Adsorption. <i>Angewandte Chemie</i> , 2021, 133, 9049-9057.	2.0	24
8	Macrocyclic Arenes-Based Conjugated Macrocyclic Polymers for Highly Selective CO <sub>2</sub> Capture and Iodine Adsorption. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8967-8975.	13.8	119
9	Enantioselective Synthesis of Quaternary Carbon Stereocenters by Asymmetric Allylic Alkylation: A Review. <i>Chemistry - an Asian Journal</i> , 2021, 16, 1864-1877.	3.3	30
10	Recyclable Supramolecular Assembly-Induced Emission System for Selective Detection and Efficient Removal of Mercury(II). <i>Chemistry - A European Journal</i> , 2021, 27, 11879-11887.	3.3	22
11	Bottom-Up Solid-State Molecular Assembly via Guest-Induced Intermolecular Interactions. <i>Journal of the American Chemical Society</i> , 2021, 143, 20395-20402.	13.7	47
12	Separation of Bromoalkanes Isomers by Nonporous Adaptive Crystals of Leaning Pillar[6]arene. <i>Angewandte Chemie</i> , 2020, 132, 2271-2275.	2.0	29
13	Separation of Bromoalkanes Isomers by Nonporous Adaptive Crystals of Leaning Pillar[6]arene. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2251-2255.	13.8	105
14	Elongated-Geminiarene: Syntheses, Solid-State Conformational Investigations, and Application in Aromatics/Cyclic Aliphatics Separation. <i>Small</i> , 2020, 16, 2003490.	10.0	18
15	Emerging Macrocyclic Arenes Related to Calixarenes and Pillararenes. , 2020, , 181-199.		0
16	A color-tunable fluorescent pillararene coordination polymer for efficient pollutant detection. <i>Journal of Materials Chemistry A</i> , 2020, 8, 3651-3657.	10.3	43
17	Geminiarene: Molecular Scale Dual Selectivity for Chlorobenzene and Chlorocyclohexane Fractionation. <i>Journal of the American Chemical Society</i> , 2019, 141, 12280-12287.	13.7	121
18	Stimuli-responsive fluorescent supramolecular polymer network based on a monofunctionalized leaning tower[6]arene. <i>Chinese Chemical Letters</i> , 2019, 30, 2299-2303.	9.0	33

#	ARTICLE	IF	CITATIONS
19	A triple-stimuli responsive hormone delivery system equipped with pillararene magnetic nanovalves. <i>Materials Chemistry Frontiers</i> , 2019, 3, 103-110.	5.9	68
20	New opportunities in synthetic macrocyclic arenes. <i>Chemical Communications</i> , 2019, 55, 1533-1543.	4.1	119
21	In Situ Gold Nanoparticle Synthesis Mediated by a Water-Soluble Leaning Pillar[6]arene for Self-Assembly, Detection, and Catalysis. <i>Organic Letters</i> , 2019, 21, 5215-5218.	4.6	52
22	Emerging Macrocyclic Arenes Related to Calixarenes and Pillararenes. , 2019, , 1-19.		1
23	Supramolecular Assembly-Induced Emission Enhancement for Efficient Mercury(II) Detection and Removal. <i>Journal of the American Chemical Society</i> , 2019, 141, 4756-4763.	13.7	304
24	Mesoporous silica nanobeans dual-functionalized with AIEgens and leaning pillar[6]arene-based supramolecular switches for imaging and stimuli-responsive drug release. <i>Chemical Communications</i> , 2019, 55, 14099-14102.	4.1	36
25	One-pot solvothermal synthesis of Carboxylatopillar[5]arene-modified Fe <sub>3</sub> O <sub>4</sub> magnetic nanoparticles for ultrafast separation of cationic dyes. <i>Dyes and Pigments</i> , 2019, 162, 512-516.	3.7	37
26	Semi-Rigid Molecular-Clip-Based Molecular Crystal Gearshift. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 998-1003.	8.0	21
27	A Water-Soluble [2]Biphenyl-Extended Pillar[6]arene. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 1321-1325.	2.4	30
28	Multifunctional Supramolecular Materials Constructed from Polypyrrole@UiO-66 Nanohybrids and Pillararene Nanovalves for Targeted Chemophotothermal Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 34655-34663.	8.0	105
29	Desymmetrized Leaning Pillar[6]arene. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9853-9858.	13.8	131
30	Desymmetrized Leaning Pillar[6]arene. <i>Angewandte Chemie</i> , 2018, 130, 10001-10006.	2.0	38