Yahu A Liu

List of Publications by Year
in descending order

54 papers	1,192 citations	331670 21 h-index	414414 32 g-index
56 all docs	56 docs citations	56 times ranked	1336 citing authors

#	Article	IF	Citations
1	ortho-Functionalization of Pillar[5]arene: An Approach to Mono-ortho-Alkyl/Aryl-Substituted A1/A2-Dihydroxypillar[5]arene. Organic Letters, 2022, 24, 1822-1826.	4.6	10
2	s-Tetrazine-Bridged Photochromic Aromatic Framework Material. ACS Omega, 2022, 7, 11276-11284.	3.5	2
3	Nickel-catalyzed enantioselective domino Heck/Sonogashira coupling for construction of C(sp)-C(sp [) Tj ETQq1 1 0.784314 rgBT /Ov		2
4	Recent Progress in Radical Decarboxylative Functionalizations Enabled by Transition-Metal (Ni, Cu, Fe,) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.3	34
5	Thiazolo[5,4â€d]thiazoleâ€Based Donorâ€“Acceptor Covalent Organic Framework for Sunlightâ€Driven Hydrogen Evolution. Angewandte Chemie - International Edition, 2021, 60, 1869-1874.	13.8	186
6	Thiazolo[5,4â€d]thiazoleâ€Based Donorâ€“Acceptor Covalent Organic Framework for Sunlightâ€Driven Hydrogen Evolution. Angewandte Chemie, 2021, 133, 1897-1902.	2.0	27
7	Application of Electronâ€Rich Covalent Organic Frameworks COFâ€LLU25 for Photocatalytic Aerobic Oxidative Hydroxylation of Arylboronic Acids to Phenols. European Journal of Organic Chemistry, 2021, 2021, 3986-3991.	2.4	10
8	Highly Branched Pillar[5]arene-Derived Porous Aromatic Frameworks (PAFs) for Removal of Organic Pollutants from Water. ACS Applied Materials & Interfaces, 2021, 13, 16507-16515.	8.0	27
9	Pillar[5]arene-Derived endo-Functionalized Molecular Tube for Mimicking Proteinâ€“Ligand Interactions. Journal of Organic Chemistry, 2021, 86, 6467-6477.	3.2	7
10	Titelbild: Thiazolo[5,4â€d]thiazoleâ€Based Donorâ€“Acceptor Covalent Organic Framework for Sunlightâ€Driven Hydrogen Evolution (Angew. Chem. 4/2021). Angewandte Chemie, 2021, 133, 1685-1685.	2.0	0
11	Nickel-Catalyzed Cyanation of Aryl Halides and Hydrocyanation of Alkynes via Câ€“CN Bond Cleavage and Cyano Transfer. ACS Catalysis, 2020, 10, 1397-1405.	11.2	57
12	A facile method for the synthesis of free-standing pillar[5]arene-based two-dimensional covalent organic monolayers in solution. Supramolecular Chemistry, 2020, 32, 126-132.	1.2	1
13	A Triazineâ€Based Analogue of Graphyne: Scalable Synthesis and Applications in Photocatalytic Dye Degradation and Bacterial Inactivation. Chemistry - A European Journal, 2020, 26, 2269-2275.	3.3	16
14	A Pillar[5]arene Conjugated Polymer for Removal of Low-Molecular-Weight Organic Acids, Amines, and Alcohols from Water. ACS Applied Polymer Materials, 2020, 2, 5566-5573.	4.4	18
15	Design of Thiazolo[5,4-d]thiazole-Bridged Ionic Covalent Organic Polymer for Highly Selective Oxygen Reduction to H₂O₂. Chemistry of Materials, 2020, 32, 8553-8560.	6.7	23
16	A Dual Inhibitor of DYRK1A and GSK3Î² for Î²â€Cell Proliferation: Aminopyrazine Derivative GNF4877. ChemMedChem, 2020, 15, 1562-1570.	3.2	9
17	Selective DYRK1A Inhibitor for the Treatment of Type 1 Diabetes: Discovery of 6-Azaindole Derivative GNF2133. Journal of Medicinal Chemistry, 2020, 63, 2958-2973.	6.4	49
18	A Diaminopillar[5]areneâ€Based Macrobicyclic Molecule: Synthesis, Characterization and A Lockâ€“Key Story. Chemistry - A European Journal, 2019, 25, 2189-2194.	3.3	8

#	Article	IF	Citations
19	Direct synthesis of covalent triazine-based frameworks (CTFs) through aromatic nucleophilic substitution reactions. RSC Advances, 2019, 9, 18008-18012.	3.6	21
20	Unidirectional complexation of pillar[4]arene[1]benzoquinoneoxime with alkyl alcohols. Organic and Biomolecular Chemistry, 2019, 17, 4975-4978.	2.8	7
21	Discovery of 5-(3,4-Difluorophenyl)-3-(pyrazol-4-yl)-7-azaindole (GNF3809) for Î²-Cell Survival in Type 1 Diabetes. ACS Omega, 2019, 4, 3571-3581.	3.5	10
22	Engineering a pillar[5]arene-based supramolecular organic framework by a co-crystallization method. Dalton Transactions, 2018, 47, 5144-5148.	3.3	17
23	Highly effective electrosynthesis of hydrogen peroxide from oxygen on a redox-active cationic covalent triazine network. Chemical Communications, 2018, 54, 4433-4436.	4.1	55
24	Recent Progress in Methylation of (Hetero)Arenes by Cross-Coupling or Câ€“H Activation. Synlett, 2018, 29, 375-382.	1.8	13
25	Guest-regulated chirality switching of planar chiral pseudo[1]catenanes. Organic and Biomolecular Chemistry, 2018, 16, 2028-2032.	2.8	27
26	Total Synthesis of (Â±)-Minfiensine via a Formal [3+2] Cycloaddition. Journal of Natural Products, 2018, 81, 1065-1069.	3.0	12
27	Palladium-Catalyzed Cross-Coupling of Ethyl Bromodifluoroacetate with Aryl Bromides or Triflates and Cross-Coupling of Ethyl Bromofluoroacetate with Aryl Iodides. Organic Letters, 2017, 19, 2610-2613.	4.6	42
28	Bis- and mono(m-benzoic acid)-functionalized pillar[5]arenes. Organic and Biomolecular Chemistry, 2017, 15, 4897-4900.	2.8	10
29	Pillar[5]arene-Py-Cu Gel, the First Pillar[5]arene-Based Metallo(organo)gel, and Adsorption of Sudan III by Its Gel-Precipitate. European Journal of Inorganic Chemistry, 2017, 2017, 3551-3554.	2.0	15
30	In situ generation of N-unsubstituted imines from alkyl azides and their applications for imine transfer via copper catalysis. Science Advances, 2017, 3, e1700826.	10.3	13
31	A Practical and Scalable Synthesis of GTxâ€134, an IGFâ€1R Inhibitor. Journal of Heterocyclic Chemistry, 2016, 53, 1430-1438.	2.6	0
32	Tetranitro-oxacalix[4]crown-Based Hostâ€“Guest Recognition Motif and a Related [2]Rotaxane-Based Molecular Switch. Journal of Organic Chemistry, 2016, 81, 6457-6462.	3.2	4
33	A1/A2-Diamino-Substituted Pillar[5]arene-Based Acidâ€“Base-Responsive Hostâ€“Guest System. Journal of Organic Chemistry, 2016, 81, 3877-3881.	3.2	45
34	Multicavity macrocyclic hosts. Chemical Communications, 2016, 52, 12130-12142.	4.1	45
35	Transitionâ€Metalâ€Free Synthesis of Nâ€Hydroxy Oxindoles by an Azaâ€Nazarovâ€Type Reaction Involving Azaoxyallyl Cations. Angewandte Chemie - International Edition, 2016, 55, 13286-13289.	13.8	37
36	Transitionâ€Metalâ€Free Synthesis of Nâ€Hydroxy Oxindoles by an Azaâ€Nazarovâ€Type Reaction Involving Azaoxyallyl Cations. Angewandte Chemie, 2016, 128, 13480-13483.	2.0	8

#	Article	IF	Citations
37	A Shape-Persistent Cryptand for Capturing Polycyclic Aromatic Hydrocarbons. Journal of Organic Chemistry, 2016, 81, 5649-5654.	3.2	10
38	Complexations between Oxacalixcrowns and Secondary Ammonium Salts and ÂConstruction of an Oxacalixcrownâ€Based [2]Rotaxane. European Journal of Organic Chemistry, 2015, 2015, 6270-6277.	2.4	5
39	Negative Cooperativity in the Binding of Imidazolium and Viologen Ions to a Pillar[5]arene-Crown Ether Fused Host. Organic Letters, 2015, 17, 2940-2943.	4.6	33
40	Synthesis of Pillar[n]arene[5â^'n]quinines via Partial Oxidation of Pillar[5]arene. Chinese Journal of Chemistry, 2015, 33, 379-383.	4.9	29
41	Selectivity and Cooperativity in the Binding of Multiple Guests to a Pillar[5]areneâ€"Crown Ether Fused Tricyclic Host. Journal of Organic Chemistry, 2015, 80, 7994-8000.	3.2	21
42	A [2]rota[2]catenane, constructed from a pillar[5]arene-crown ether fused double-cavity macrocycle: synthesis and structural characterization. Chemical Communications, 2015, 51, 13882-13885.	4.1	40
43	Synthesis and structures of malonate derivative-calix[4]arene conjugates. Chinese Chemical Letters, 2015, 26, 914-917.	9.0	1
44	1,8â€Dioxyanthraceneâ€Derived Crown Ethers: Synthesis, Complexation with Paraquat and Assembly of a Tetracationic Cyclophaneâ€Crown Ether Based [2]Catenane. European Journal of Organic Chemistry, 2014, 2014, 6925-6934.	2.4	11
45	[2]Pseudorotaxanes and [2]Catenanes Constructed by Oxacalixcrowns/Viologen Molecular Recognition Motifs. Organic Letters, 2014, 16, 5894-5897.	4.6	26
46	A pillar[5]arene and crown ether fused bicyclic host: synthesis, guest discrimination and simultaneous binding of two guests with different shapes, sizes and electronic constitutions. Chemical Communications, 2014, 50, 10460-10463.	4.1	70
47	A Trigonal Prismatic Ligand in the Metal-Mediated Self-Assembly of One- and Two-Dimensional Metallosupramolecular Polymers. Inorganic Chemistry, 2013, 52, 9309-9319.	4.0	21
48	Xylyl derived oxacalixcrowns: Synthesis and crystal structure. Chinese Chemical Letters, 2013, 24, 279-282.	9.0	6
49	m-Terphenyl-3,3â€³-dioxo-derived oxacalixaromatics: synthesis, structure, and solvent encapsulation in the solid state. Tetrahedron, 2013, 69, 3934-3941.	1.9	10
50	Editorial (Hot Topic: Molecular Imaging Probes). Current Organic Chemistry, 2013, 17, 563-563.	1.6	0
51	Fluorescent Probes for the Detection of Hydrogen Peroxide in Biological Systems. Current Organic Chemistry, 2013, 17, 654-669.	1.6	22
52	An alternative total synthesis of pentosidine. Journal of Heterocyclic Chemistry, 2011, 48, 426-433.	2.6	11
53	Efficient synthesis of 6â€arylâ€2â€chloronicotinic acids via pd catalyzed regioselective suzuki coupling of 2,6â€dichloronicotinic acid. Journal of Heterocyclic Chemistry, 2008, 45, 1847-1849.	2.6	7
54	5-Hexylidene-4-propylamino-1,5-dihydroimidazol-2-one formed from Cu-catalyzed oxidation with implication for the structure of a His-Lys cross-link. Chinese Chemical Letters, 2007, 18, 1025-1028.	9.0	0