

Guocan Yu

List of Publications by Year in descending order

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Version: 2024-02-01

110
papers

9,655
citations

53660

45
h-index

35952

97
g-index

113
all docs

113
docs citations

113
times ranked

8168
citing authors

#	ARTICLE	IF	CITATIONS
1	Junctional Adhesion Molecule-Like Protein (JAML) Is Correlated with Prognosis and Immune Infiltrates in Lung Adenocarcinoma. <i>Medical Science Monitor</i> , 2022, 27, e933503.	0.5	2
2	The bright future of nanotechnology in lymphatic system imaging and imaging-guided surgery. <i>Journal of Nanobiotechnology</i> , 2022, 20, 24.	4.2	12
3	Metal-free bioorthogonal click chemistry in cancer theranostics. <i>Chemical Society Reviews</i> , 2022, 51, 1336-1376.	18.7	76
4	The Role of Core Needle Biopsy Pathology Combined with Molecular Tests in the Diagnosis of Lymph Node Tuberculosis. <i>Infection and Drug Resistance</i> , 2022, Volume 15, 335-345.	1.1	8
5	A nomogram to predict residual cavity formation after thoracoscopic decortication in chronic tuberculous empyema. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2022, , .	0.5	1
6	Predictive value of matrix metalloprotease 9 on surgical outcomes after pericardiectomy. <i>Journal of Cardiothoracic Surgery</i> , 2022, 17, 50.	0.4	2
7	A Hybrid Supramolecular Polymeric Nanomedicine for Cascadeâ€Amplified Synergetic Cancer Therapy. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	42
8	A Hybrid Supramolecular Polymeric Nanomedicine for Cascadeâ€Amplified Synergetic Cancer Therapy. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	6
9	Head-to-head comparison of the diagnostic value of five tests for constrictive tuberculous pericarditis. <i>International Journal of Infectious Diseases</i> , 2022, 120, 25-32.	1.5	8
10	Comparison of the Diagnostic Accuracy of Xpert MTB/RIF and CapitalBio Mycobacterium RT-PCR Detection Assay for Tuberculous Pericarditis. <i>Infection and Drug Resistance</i> , 2022, Volume 15, 2127-2135.	1.1	7
11	Diagnostic accuracy of nanopore sequencing using respiratory specimens in the diagnosis of pulmonary tuberculosis. <i>International Journal of Infectious Diseases</i> , 2022, 122, 237-243.	1.5	7
12	Comparison of the diagnostic efficacy of the CapitalBio Mycobacterium real-time polymerase chain reaction detection test and Xpert MTB/RIF in smear-negative pulmonary tuberculosis. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2021, 40, 969-977.	1.3	16
13	Comparison of the efficacy of metagenomic next-generation sequencing and Xpert MTB/RIF in the diagnosis of tuberculous meningitis. <i>Journal of Microbiological Methods</i> , 2021, 180, 106124.	0.7	20
14	Supramolecular cancer nanotheranostics. <i>Chemical Society Reviews</i> , 2021, 50, 2839-2891.	18.7	257
15	Anlotinib-containing regimen for advanced small-cell lung cancer: A protocol of meta-analysis. <i>PLoS ONE</i> , 2021, 16, e0247494.	1.1	3
16	Nucleic acid amplification techniques for rapid diagnosis of nontuberculous mycobacteria: A protocol of systematic review and meta-analysis. <i>PLoS ONE</i> , 2021, 16, e0250470.	1.1	1
17	Diagnostic accuracy of the Xpert MTB/RIF assay for tuberculous pericarditis: A protocol of systematic review and meta-analysis. <i>PLoS ONE</i> , 2021, 16, e0252109.	1.1	6
18	Diagnostic accuracy of Mycobacterium tuberculosis cell-free DNA for tuberculosis: A systematic review and meta-analysis. <i>PLoS ONE</i> , 2021, 16, e0253658.	1.1	16

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19	Neoadjuvant immunotherapy for resectable esophageal cancer: A protocol of meta-analysis. PLoS ONE, 2021, 16, e0252829.	1.1	4
20	Efficacy of Xpert MTB/RIF Ultra in diagnosing tuberculosis meningitis. Medicine (United States), 2021, 100, e26778.	0.4	9
21	Diagnostic accuracy of the Xpert MTB/RIF assay for tuberculous pericarditis: A systematic review and meta-analysis. PLoS ONE, 2021, 16, e0257220.	1.1	9
22	Evaluation of the stability of cucurbit[8]uril-based ternary host-guest complexation in physiological environment and the fabrication of a supramolecular theranostic nanomedicine. Journal of Nanobiotechnology, 2021, 19, 330.	4.2	14
23	The correlation of WDR76 expression with survival outcomes and immune infiltrates in lung adenocarcinoma. PeerJ, 2021, 9, e12277.	0.9	5
24	Destroyed lung with constrictive pericarditis. Medicina Clínica, 2020, 155, 471.	0.3	0
25	Comparison of CapitalBio's Mycobacterium nucleic acid detection test and Xpert MTB/RIF assay for rapid diagnosis of extrapulmonary tuberculosis. Journal of Microbiological Methods, 2020, 168, 105780.	0.7	22
26	Drug-eluting beads bronchial arterial chemoembolization as a neoadjuvant treatment for squamous non-small cell lung cancer. Postgraduate Medicine, 2020, 132, 568-571.	0.9	12
27	CapitalBio Mycobacterium real-time polymerase chain reaction detection test: Rapid diagnosis of Mycobacterium tuberculosis and nontuberculous mycobacterial infection. International Journal of Infectious Diseases, 2020, 98, 1-5.	1.5	24
28	Finely tuned Prussian blue-based nanoparticles and their application in disease treatment. Journal of Materials Chemistry B, 2020, 8, 7121-7134.	2.9	22
29	Anlotinib for refractory advanced non-small-cell lung cancer: A systematic review and meta-analysis. PLoS ONE, 2020, 15, e0242982.	1.1	9
30	Metagenomic next generation sequencing for the diagnosis of tuberculosis meningitis: A systematic review and meta-analysis. PLoS ONE, 2020, 15, e0243161.	1.1	23
31	Meta-analysis of diagnostic accuracy of nucleic acid amplification tests for abdominal tuberculosis: A protocol. PLoS ONE, 2020, 15, e0243765.	1.1	3
32	Diagnostic accuracy of the Xpert MTB/RIF assay for bone and joint tuberculosis: A meta-analysis. PLoS ONE, 2019, 14, e0221427.	1.1	31
33	Diagnostic Accuracy of the Xpert MTB/RIF Assay for Lymph Node Tuberculosis: A Systematic Review and Meta-Analysis. BioMed Research International, 2019, 2019, 1-12.	0.9	32
34	Polyrotaxane-based supramolecular theranostics. Nature Communications, 2018, 9, 766.	5.8	191
35	Supramolecular self-assemblies for bacterial cell agglutination driven by directional charge-transfer interactions. Chemical Communications, 2018, 54, 2922-2925.	2.2	4
36	A supramolecular hybrid material constructed from graphene oxide and a pillar[6]arene-based host-guest complex as an ultrasound and photoacoustic signal nanoamplifier. Materials Horizons, 2018, 5, 429-435.	6.4	59

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37	Polymeric Nanoparticles with a Glutathione-Sensitive Heterodimeric Multifunctional Prodrug for In Vivo Drug Monitoring and Synergistic Cancer Therapy. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7066-7070.	7.2	115
38	Organic Semiconducting Photoacoustic Nanodroplets for Laser-Activatable Ultrasound Imaging and Combinational Cancer Therapy. <i>ACS Nano</i> , 2018, 12, 2610-2622.	7.3	174
39	Artificial Molecular Machines in Nanotheranostics. <i>ACS Nano</i> , 2018, 12, 7-12.	7.3	73
40	Recent progress in macrocyclic amphiphiles and macrocyclic host-based supra-amphiphiles. <i>Materials Chemistry Frontiers</i> , 2018, 2, 2152-2174.	3.2	102
41	Highly Emissive Self-Assembled BODIPY-Platinum Supramolecular Triangles. <i>Journal of the American Chemical Society</i> , 2018, 140, 7730-7736.	6.6	213
42	Diagnostic accuracy of the loop-mediated isothermal amplification assay for extrapulmonary tuberculosis: A meta-analysis. <i>PLoS ONE</i> , 2018, 13, e0199290.	1.1	29
43	Supramolecular chemotherapeutic drug constructed from pillararene-based supramolecular amphiphile. <i>Chemical Communications</i> , 2018, 54, 8198-8201.	2.2	37
44	Glutathione-Responsive Self-Assembled Magnetic Gold Nanowreath for Enhanced Tumor Imaging and Imaging-Guided Photothermal Therapy. <i>ACS Nano</i> , 2018, 12, 8129-8137.	7.3	131
45	Synchronous Chemoradiation Nanovesicles by X-Ray Triggered Cascade of Drug Release. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8463-8467.	7.2	59
46	Supramolecular Polymer-Based Nanomedicine: High Therapeutic Performance and Negligible Long-Term Immunotoxicity. <i>Journal of the American Chemical Society</i> , 2018, 140, 8005-8019.	6.6	227
47	Double-Layered Plasmonic-Magnetic Vesicles by Self-Assembly of Janus Amphiphilic Gold-Iron(II,III) Oxide Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8110-8114.	7.2	107
48	A cationic water-soluble pillar[7]arene: Synthesis and its fluorescent host-guest complex in water. <i>Tetrahedron Letters</i> , 2017, 58, 2736-2739.	0.7	5
49	A cucurbit[7]uril-based supra-amphiphile: Photo-responsive self-assembly and application in controlled release. <i>Tetrahedron Letters</i> , 2017, 58, 1863-1867.	0.7	21
50	Supramolecular chemotherapy based on host-guest molecular recognition: a novel strategy in the battle against cancer with a bright future. <i>Chemical Society Reviews</i> , 2017, 46, 7021-7053.	18.7	556
51	Antitumor Activity of a Unique Polymer That Incorporates a Fluorescent Self-Assembled Metallacycle. <i>Journal of the American Chemical Society</i> , 2017, 139, 15940-15949.	6.6	203
52	Transformative Nanomedicine of an Amphiphilic Camptothecin Prodrug for Long Circulation and High Tumor Uptake in Cancer Therapy. <i>ACS Nano</i> , 2017, 11, 8838-8848.	7.3	144
53	Supramolecular Nanomedicine Constructed from Cucurbit[8]uril-Based Amphiphilic Brush Copolymer for Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 44392-44401.	4.0	71
54	Targeted Co-Delivery of PTX and TR3 siRNA by PTP Peptide Modified Dendrimer for the Treatment of Pancreatic Cancer. <i>Small</i> , 2017, 13, 1602697.	5.2	52

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55	Dual-pH responsive host-guest complexation between a water-soluble pillar[9]arene and a 2,7-diazapyrenium salt. <i>Organic Chemistry Frontiers</i> , 2017, 4, 115-118.	2.3	12
56	Comparison between the diagnostic validities of Xpert MTB/RIF and interferon- γ release assays for tuberculous pericarditis using pericardial tissue. <i>PLoS ONE</i> , 2017, 12, e0188704.	1.1	31
57	Pillar[7]arene-based host-guest complex in water: dual-responsiveness and application in controllable self-assembly. <i>RSC Advances</i> , 2016, 6, 60029-60033.	1.7	9
58	Host-guest interaction enhanced aggregation-induced emission and its application in cell imaging. <i>Chemical Communications</i> , 2016, 52, 5749-5752.	2.2	48
59	Pillar[10]arene-based host-guest complexation promoted self-assembly: from nanoparticles to uniform giant vesicles. <i>RSC Advances</i> , 2016, 6, 40418-40421.	1.7	8
60	Cationic pillar[6]arene/ATP host-guest recognition: selectivity, inhibition of ATP hydrolysis, and application in multidrug resistance treatment. <i>Chemical Science</i> , 2016, 7, 4073-4078.	3.7	139
61	Construction of a photo-responsive supra-amphiphile based on a tetracationic cyclobis(paraquat-p-phenylene) and an azobenzene-containing guest in water. <i>Chemical Communications</i> , 2016, 52, 6573-6576.	2.2	19
62	A diols-responsive triple-component supra-amphiphile constructed from pillar[5]arene-based recognition. <i>RSC Advances</i> , 2016, 6, 47281-47284.	1.7	5
63	Pillar[5]arene-based amphiphilic supramolecular brush copolymers: fabrication, controllable self-assembly and application in self-imaging targeted drug delivery. <i>Polymer Chemistry</i> , 2016, 7, 6178-6188.	1.9	125
64	A cationic water-soluble biphen[3]arene: synthesis, host-guest complexation and fabrication of a supra-amphiphile. <i>RSC Advances</i> , 2016, 6, 77179-77183.	1.7	18
65	A Porphyrin-Based Discrete Tetragonal Prismatic Cage: Host-Guest Complexation and Its Application in Tuning Liquid-Crystalline Behavior. <i>Macromolecular Rapid Communications</i> , 2016, 37, 1540-1547.	2.0	16
66	Fluorescence indicator displacement detection based on pillar[5]arene-assisted dye deprotonation. <i>Chemical Communications</i> , 2016, 52, 10016-10019.	2.2	41
67	Fabrication of a Targeted Drug Delivery System from a Pillar[5]arene-Based Supramolecular Diblock Copolymeric Amphiphile for Effective Cancer Therapy. <i>Advanced Functional Materials</i> , 2016, 26, 8999-9008.	7.8	115
68	Tetraphenylethene-based highly emissive metallacage as a component of theranostic supramolecular nanoparticles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 13720-13725.	3.3	161
69	AIE opens new applications in super-resolution imaging. <i>Journal of Materials Chemistry B</i> , 2016, 4, 7761-7765.	2.9	24
70	Host-Guest Complexes of Carboxylated Pillar[n]arenes With Drugs. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 3615-3625.	1.6	40
71	A pillar[5]arene-based [2]rotaxane lights up mitochondria. <i>Chemical Science</i> , 2016, 7, 3017-3024.	3.7	153
72	Construction of pillar[6]arene-based CO ₂ and UV dual-responsive supra-amphiphile and application in controlled self-assembly. <i>Chemical Communications</i> , 2016, 52, 3211-3214.	2.2	38

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73	The synthesis, structure, and molecular recognition properties of a [2]calix[1]biphenyl-type hybrid[3]arene. <i>Chemical Communications</i> , 2016, 52, 1622-1624.	2.2	39
74	A water-soluble hybrid[4]arene: synthesis, host-guest complexation and application in the construction of a supra-amphiphile. <i>New Journal of Chemistry</i> , 2016, 40, 4756-4760.	1.4	7
75	A Dual-Thermoresponsive Gemini-Type Supra-amphiphilic Macromolecular [3]Pseudorotaxane Based on Pillar[10]arene/Paraquat Cooperative Complexation. <i>Journal of the American Chemical Society</i> , 2016, 138, 3168-3174.	6.6	162
76	A boron difluoride dye showing the aggregation-induced emission feature and high sensitivity to intra- and extra-cellular pH changes. <i>Chemical Communications</i> , 2016, 52, 541-544.	2.2	21
77	A dual-responsive supra-amphiphile based on a water-soluble pillar[7]arene and a naphthalene diimide-containing guest. <i>Chemical Communications</i> , 2015, 51, 7215-7218.	2.2	23
78	Hydrophobic interactions in the pillar[5]arene-based host-guest complexation and their application in the inhibition of acetylcholine hydrolysis. <i>Tetrahedron Letters</i> , 2015, 56, 986-989.	0.7	26
79	A water-soluble biphen[3]arene: synthesis, host-guest complexation, and application in controllable self-assembly and controlled release. <i>Chemical Communications</i> , 2015, 51, 4188-4191.	2.2	43
80	Supramolecular Amphiphiles Based on Host-Guest Molecular Recognition Motifs. <i>Chemical Reviews</i> , 2015, 115, 7240-7303.	23.0	869
81	Redox-Responsive Amphiphilic Macromolecular [2]Pseudorotaxane Constructed from a Water-Soluble Pillar[5]arene and a Paraquat-Containing Homopolymer. <i>ACS Macro Letters</i> , 2015, 4, 996-999.	2.3	59
82	Pillar[10]arene-Based Size-Selective Host-Guest Complexation and Its Application in Tuning the LCST Behavior of a Thermoresponsive Polymer. <i>Macromolecular Rapid Communications</i> , 2015, 36, 23-30.	2.0	30
83	A Pillararene-Based Ternary Drug-Delivery System with Photocontrolled Anticancer Drug Release. <i>Small</i> , 2015, 11, 919-925.	5.2	127
84	Supramolecular enhancement of aggregation-induced emission and its application in cancer cell imaging. <i>Journal of Materials Chemistry C</i> , 2014, 2, 6609-6617.	2.7	87
85	Construction of a pillar[5]arene-based linear supramolecular polymer and a photo-responsive supramolecular network. <i>Polymer Chemistry</i> , 2014, 5, 6645-6650.	1.9	36
86	A water-soluble pillar[10]arene: synthesis, pH-responsive host-guest complexation, and application in constructing a supra-amphiphile. <i>Organic Chemistry Frontiers</i> , 2014, 1, 630.	2.3	30
87	Synthesis of a water-soluble pillar[9]arene and its pH-responsive binding to paraquat. <i>Chemical Communications</i> , 2014, 50, 2841.	2.2	60
88	A pillar[6]arene-based UV-responsive supra-amphiphile: synthesis, self-assembly, and application in dispersion of multiwalled carbon nanotubes in water. <i>Chemical Communications</i> , 2014, 50, 3993.	2.2	75
89	Proton transfer-assisted host-guest complexation between a difunctional pillar[5]arene and amine-based guests. <i>Tetrahedron Letters</i> , 2014, 55, 6274-6276.	0.7	14
90	Photo-responsive self-assembly based on a water-soluble pillar[6]arene and an azobenzene-containing amphiphile in water. <i>Chemical Communications</i> , 2014, 50, 3606.	2.2	124

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91	An enzyme-responsive supra-amphiphile constructed by pillar[5]arene/acetylcholine molecular recognition. <i>RSC Advances</i> , 2014, 4, 18763-18771.	1.7	32
92	Proton Transfer in Host-Guest Complexation between a Difunctional Pillar[5]arene and Alkyldiamines. <i>Organic Letters</i> , 2014, 16, 2486-2489.	2.4	68
93	Water-Soluble Pillar[7]arene: Synthesis, pH-Controlled Complexation with Paraquat, and Application in Constructing Supramolecular Vesicles. <i>Organic Letters</i> , 2014, 16, 2066-2069.	2.4	77
94	Carbon Nanotube/Biocompatible Bola-Amphiphile Supramolecular Biohybrid Materials: Preparation and Their Application in Bacterial Cell Agglutination. <i>Advanced Materials</i> , 2013, 25, 6373-6379.	11.1	28
95	A pillar[5]arene-based anion responsive supramolecular polymer. <i>RSC Advances</i> , 2013, 3, 16089.	1.7	30
96	Hierarchical Self-Assembly: Well-Defined Supramolecular Nanostructures and Metallohydrogels via Amphiphilic Discrete Organoplatinum(II) Metallacycles. <i>Journal of the American Chemical Society</i> , 2013, 135, 14036-14039.	6.6	216
97	A supramolecular polymer formed by the combination of crown ether-based and charge-transfer molecular recognition. <i>Polymer Chemistry</i> , 2013, 4, 882-886.	1.9	23
98	Synthesis of a Difunctionalized Pillar[6]arene and Its Complexation with an Ammonium Salt Coupled to a Weakly Coordinating Counteranion. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 2529-2532.	1.2	46
99	A Sugar-Functionalized Amphiphilic Pillar[5]arene: Synthesis, Self-Assembly in Water, and Application in Bacterial Cell Agglutination. <i>Journal of the American Chemical Society</i> , 2013, 135, 10310-10313.	6.6	306
100	Characterization of supramolecular gels. <i>Chemical Society Reviews</i> , 2013, 42, 6697.	18.7	529
101	Pillar[6]arene/Paraquat Molecular Recognition in Water: High Binding Strength, pH-Responsiveness, and Application in Controllable Self-Assembly, Controlled Release, and Treatment of Paraquat Poisoning. <i>Journal of the American Chemical Society</i> , 2012, 134, 19489-19497.	6.6	448
102	Complexation between Pillar[5]arenes and a Secondary Ammonium Salt. <i>Organic Letters</i> , 2012, 14, 1712-1715.	2.4	130
103	A non-symmetric pillar[5]arene-based selective anion receptor for fluoride. <i>Chemical Communications</i> , 2012, 48, 2958.	2.2	169
104	Cavity-Extended Pillar[5]arenes: Syntheses and Host-Guest Complexation with Paraquat and Bispyridinium Derivatives. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 5902-5907.	1.2	29
105	Syntheses of a pillar[4]arene[1]quinone and a difunctionalized pillar[5]arene by partial oxidation. <i>Chemical Communications</i> , 2012, 48, 9876.	2.2	114
106	Pillar[6]arene-Based Photoresponsive Host-Guest Complexation. <i>Journal of the American Chemical Society</i> , 2012, 134, 8711-8717.	6.6	446
107	A Water-Soluble Pillar[6]arene: Synthesis, Host-Guest Chemistry, and Its Application in Dispersion of Multiwalled Carbon Nanotubes in Water. <i>Journal of the American Chemical Society</i> , 2012, 134, 13248-13251.	6.6	410
108	A solvent-driven molecular spring. <i>Chemical Science</i> , 2012, 3, 3026.	3.7	257

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109	Synthesis of 1,4-Bis(n-propoxy)pillar[7]arene and Its Host-guest Chemistry. <i>Acta Chimica Sinica</i> , 2012, 70, 1775.	0.5	39
110	Formation of a Cyclic Dimer Containing Two Mirror Image Monomers in the Solid State Controlled by van der Waals Forces. <i>Organic Letters</i> , 2011, 13, 4818-4821.	2.4	140