

Ruibing Wang

List of Publications by Year in descending order

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215
papers

8,945
citations

34105

52
h-index

64796

79
g-index

219
all docs

219
docs citations

219
times ranked

9168
citing authors

#	ARTICLE	IF	CITATIONS
1	Protein Assembly: Versatile Approaches to Construct Highly Ordered Nanostructures. <i>Chemical Reviews</i> , 2016, 116, 13571-13632.	47.7	452
2	Treatment of atherosclerosis by macrophage-biomimetic nanoparticles via targeted pharmacotherapy and sequestration of proinflammatory cytokines. <i>Nature Communications</i> , 2020, 11, 2622.	12.8	315
3	Preparation of graphene oxide-manganese dioxide for highly efficient adsorption and separation of Th(IV)/U(VI). <i>Journal of Hazardous Materials</i> , 2016, 309, 107-115.	12.4	170
4	A superoxide dismutase/catalase mimetic nanomedicine for targeted therapy of inflammatory bowel disease. <i>Biomaterials</i> , 2016, 105, 206-221.	11.4	167
5	Supramolecular Polymerization-Induced Nanoassemblies for Self-Augmented Cascade Chemotherapy and Chemodynamic Therapy of Tumor. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 17570-17578.	13.8	150
6	Coptidis rhizoma and its main bioactive components: recent advances in chemical investigation, quality evaluation and pharmacological activity. <i>Chinese Medicine</i> , 2018, 13, 13.	4.0	146
7	SARS-Coronavirus-2 Nsp13 Possesses NTPase and RNA Helicase Activities That Can Be Inhibited by Bismuth Salts. <i>Virologica Sinica</i> , 2020, 35, 321-329.	3.0	145
8	A green to blue fluorescence switch of protonated 2-aminoanthracene upon inclusion in cucurbit[7]uril. <i>Chemical Communications</i> , 2005, , 5867.	4.1	137
9	Enhanced topical penetration, system exposure and anti-psoriasis activity of two particle-sized, curcumin-loaded PLGA nanoparticles in hydrogel. <i>Journal of Controlled Release</i> , 2017, 254, 44-54.	9.9	129
10	Synthesis and Bioactivity of Guanidinium-Functionalized Pillar[5]arene as a Biofilm Disruptor. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 618-623.	13.8	124
11	A Proresolving Peptide Nanotherapy for Site-Specific Treatment of Inflammatory Bowel Disease by Regulating Proinflammatory Microenvironment and Gut Microbiota. <i>Advanced Science</i> , 2019, 6, 1900610.	11.2	117
12	A user-friendly herbicide derived from photo-responsive supramolecular vesicles. <i>Nature Communications</i> , 2018, 9, 2967.	12.8	106
13	Highly Biocompatible Chlorin e6-Loaded Chitosan Nanoparticles for Improved Photodynamic Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 9980-9987.	8.0	103
14	pH-Responsive prodrug nanoparticles based on a sodium alginate derivative for selective co-release of doxorubicin and curcumin into tumor cells. <i>Nanoscale</i> , 2017, 9, 12533-12542.	5.6	102
15	Yeast Microcapsule-Mediated Targeted Delivery of Diverse Nanoparticles for Imaging and Therapy via the Oral Route. <i>Nano Letters</i> , 2017, 17, 1056-1064.	9.1	101
16	Cucurbit[7]uril: an emerging candidate for pharmaceutical excipients. <i>Annals of the New York Academy of Sciences</i> , 2017, 1398, 108-119.	3.8	98
17	Non-proinflammatory and responsive nanoplatforms for targeted treatment of atherosclerosis. <i>Biomaterials</i> , 2017, 143, 93-108.	11.4	98
18	Stimuli-responsive nanocarriers constructed from pillar[5]arene-based supra-amphiphiles. <i>Materials Chemistry Frontiers</i> , 2019, 3, 1973-1993.	5.9	98

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19	Cucurbit[7]uril host-guest complexes of the histamine H ₂ -receptor antagonist ranitidine. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 1955.	2.8	95
20	Phytochemicals from fern species: potential for medicine applications. <i>Phytochemistry Reviews</i> , 2017, 16, 379-440.	6.5	92
21	Structure-Property Correlations of Reactive Oxygen Species-Responsive and Hydrogen Peroxide-Eliminating Materials with Anti-Oxidant and Anti-Inflammatory Activities. <i>Chemistry of Materials</i> , 2017, 29, 8221-8238.	6.7	92
22	Cucurbit[7]uril Mediates the Stereoselective [4+4] Photodimerization of 2-Aminopyridine Hydrochloride in Aqueous Solution. <i>Journal of Organic Chemistry</i> , 2006, 71, 1237-1239.	3.2	89
23	Non-Injection and Low-Temperature Approach to Colloidal Photoluminescent PbS Nanocrystals with Narrow Bandwidth. <i>Journal of Physical Chemistry C</i> , 2009, 113, 2301-2308.	3.1	86
24	Applications of Cucurbit[<i>n</i>]urils (<i>n</i> =7 or 8) in Pharmaceutical Sciences and Complexation of Biomolecules. <i>Israel Journal of Chemistry</i> , 2018, 58, 188-198.	2.3	86
25	Biomedical applications of <i>Aloe vera</i> . <i>Critical Reviews in Food Science and Nutrition</i> , 2019, 59, S244-S256.	10.3	84
26	Supramolecular Induction of Mitochondrial Aggregation and Fusion. <i>Journal of the American Chemical Society</i> , 2020, 142, 16523-16527.	13.7	83
27	Nanomedicine in Action: An Overview of Cancer Nanomedicine on the Market and in Clinical Trials. <i>Journal of Nanomaterials</i> , 2013, 2013, 1-12.	2.7	82
28	Transformable Honeycomb-Like Nanoassemblies of Carbon Dots for Regulated Multisite Delivery and Enhanced Antitumor Chemoimmunotherapy. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 6581-6592.	13.8	82
29	Host-Guest Interactions Initiated Supramolecular Chitosan Nanogels for Selective Intracellular Drug Delivery. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 28665-28670.	8.0	79
30	Imaging viscosity and peroxynitrite by a mitochondria-targeting two-photon ratiometric fluorescent probe. <i>Sensors and Actuators B: Chemical</i> , 2018, 276, 238-246.	7.8	78
31	Amelioration of ulcerative colitis <i>via</i> inflammatory regulation by macrophage-biomimetic nanomedicine. <i>Theranostics</i> , 2020, 10, 10106-10119.	10.0	77
32	Cucurbit[8]uril/Cucurbit[7]uril Controlled Off/On Fluorescence of the Acridizinium and 9-Aminoacridizinium Cations in Aqueous Solution. <i>Chemistry - A European Journal</i> , 2007, 13, 6468-6473.	3.3	75
33	Developmental and organ-specific toxicity of cucurbit[7]uril: in vivo study on zebrafish models. <i>RSC Advances</i> , 2015, 5, 30067-30074.	3.6	72
34	Inclusion complexes of coumarin in cucurbiturils. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 2435.	2.8	71
35	Thermodynamic Equilibrium-Driven Formation of Single-Sized Nanocrystals: Reaction Media Tuning CdSe Magic-Sized versus Regular Quantum Dots. <i>Journal of Physical Chemistry C</i> , 2010, 114, 3329-3339.	3.1	71
36	Small-Sized mPEG-PLGA Nanoparticles of Schisantherin A with Sustained Release for Enhanced Brain Uptake and Anti-Parkinsonian Activity. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 9516-9527.	8.0	71

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37	Modulating the phenotype of host macrophages to enhance osteogenesis in MSC-laden hydrogels: Design of a glucomannan coating material. <i>Biomaterials</i> , 2017, 139, 39-55.	11.4	68
38	Inhibition of C(2)-H/D exchange of a bis(imidazolium) dication upon complexation with cucurbit[7]uril. <i>Chemical Communications</i> , 2006, , 2908.	4.1	67
39	Homogeneously-Alloyed CdTeSe Single-Sized Nanocrystals with Bandgap Photoluminescence. <i>Journal of Physical Chemistry C</i> , 2009, 113, 3402-3408.	3.1	67
40	A rapid low-temperature synthetic method leading to large-scale carboxyl graphene. <i>Chemical Engineering Journal</i> , 2014, 236, 471-479.	12.7	66
41	The separation of Th(IV)/U(VI) via selective complexation with graphene oxide. <i>Chemical Engineering Journal</i> , 2015, 271, 147-154.	12.7	65
42	Oxygen-Responsive Evolving Manganese Ferrite Nanovesicles for Hypoxia-Responsive Drug Delivery and Enhanced Cancer Chemoimmunotherapy. <i>Advanced Functional Materials</i> , 2021, 31, 2008078.	14.9	65
43	In vivo reversal of general anesthesia by cucurbit[7]uril with zebrafish models. <i>RSC Advances</i> , 2015, 5, 63745-63752.	3.6	62
44	Polymeric Nanomedicine with "Lego"-Surface Allowing Modular Functionalization and Drug Encapsulation. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 25090-25098.	8.0	62
45	A Schiff base/quaternary ammonium salt bifunctional graphene oxide as an efficient adsorbent for removal of Th(IV)/U(VI). <i>Journal of Colloid and Interface Science</i> , 2017, 508, 303-312.	9.4	59
46	Binding Modes of Cucurbit[6]uril and Cucurbit[7]uril with a Tetracationic Bis(viologen) Guest. <i>Journal of Organic Chemistry</i> , 2007, 72, 4539-4542.	3.2	58
47	An eco-friendly in situ activatable antibiotic via cucurbit[8]uril-mediated supramolecular crosslinking of branched polyethylenimine. <i>Chemical Communications</i> , 2017, 53, 5870-5873.	4.1	58
48	Oligomeric Cucurbituril Complexes: from Peculiar Assemblies to Emerging Applications. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 21280-21292.	13.8	58
49	Complexation of clofazimine by macrocyclic cucurbit[7]uril reduced its cardiotoxicity without affecting the antimycobacterial efficacy. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 7563-7569.	2.8	57
50	A hypoxia responsive nanoassembly for tumor specific oxygenation and enhanced sonodynamic therapy. <i>Biomaterials</i> , 2021, 275, 120822.	11.4	57
51	Polyprodrug Nanomedicines: An Emerging Paradigm for Cancer Therapy. <i>Advanced Materials</i> , 2022, 34, e2107434.	21.0	57
52	In vivo hitchhiking of immune cells by intracellular self-assembly of bacteria-mimetic nanomedicine for targeted therapy of melanoma. <i>Science Advances</i> , 2022, 8, eabn1805.	10.3	57
53	Competitive Selection of Conformation Chirality of Water-Soluble Pillar[5]arene Induced by Amino Acid Derivatives. <i>Organic Letters</i> , 2020, 22, 2266-2270.	4.6	56
54	Magic-Sized Cd ₃ P ₂ Nanoparticles Exhibiting Bandgap Photoemission. <i>Journal of Physical Chemistry C</i> , 2009, 113, 17979-17982.	3.1	54

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55	Stabilization of the base-off forms of vitamin B12 and coenzyme B12 by encapsulation of the β -axial 5,6-dimethylbenzimidazole ligand with cucurbit[7]uril. Dalton Transactions, 2009, , 3584.	3.3	54
56	Glutathione-responsive nanoparticles based on a sodium alginate derivative for selective release of doxorubicin in tumor cells. Journal of Materials Chemistry B, 2017, 5, 2337-2346.	5.8	54
57	Oral Colon-Targeted Konjac Glucomannan Hydrogel Constructed through Noncovalent Cross-Linking by Cucurbit[8]uril for Ulcerative Colitis Therapy. ACS Applied Bio Materials, 2020, 3, 10-19.	4.6	54
58	Enhanced in vitro and in vivo uptake of a hydrophobic model drug coumarin-6 in the presence of cucurbit[7]uril. MedChemComm, 2015, 6, 1370-1374.	3.4	53
59	Recent advances in supramolecular antidotes. Theranostics, 2021, 11, 1513-1526.	10.0	53
60	A systematic evaluation of the biocompatibility of cucurbit[7]uril in mice. Scientific Reports, 2018, 8, 8819.	3.3	52
61	Synthesis of an AIEgen functionalized cucurbit[7]uril for subcellular bioimaging and synergistic photodynamic therapy and supramolecular chemotherapy. Chemical Science, 2021, 12, 7727-7734.	7.4	52
62	Supramolecular Inhibition of Neurodegeneration by a Synthetic Receptor. ACS Medicinal Chemistry Letters, 2015, 6, 1174-1178.	2.8	51
63	Antiviral Properties of Alginate-Based Biomaterials: Promising Antiviral Agents against SARS-CoV-2. ACS Applied Bio Materials, 2021, 4, 5897-5907.	4.6	51
64	An improved pseudotargeted metabolomics approach using multiple ion monitoring with time-staggered ion lists based on ultra-high performance liquid chromatography/quadrupole time-of-flight mass spectrometry. Analytica Chimica Acta, 2016, 927, 82-88.	5.4	50
65	A Synthetic Receptor as a Specific Antidote for Paraquat Poisoning. Theranostics, 2019, 9, 633-645.	10.0	50
66	Post-screening characterisation and in vivo evaluation of an anti-inflammatory polysaccharide fraction from Eucommia ulmoides. Carbohydrate Polymers, 2017, 169, 304-314.	10.2	49
67	Highly efficient cross-linked PbS nanocrystal/C60 hybrid heterojunction photovoltaic cells. Applied Physics Letters, 2009, 95, 183505.	3.3	48
68	Supramolecular Macrophage-Liposome Marriage for Cell Hitchhiking Delivery and Immunotherapy of Acute Pneumonia and Melanoma. Advanced Functional Materials, 2021, 31, 2102440.	14.9	48
69	Reductive-Responsive, Single-Molecular-Layer Polymer Nanocapsules Prepared by Lateral-Functionalized Pillar[5]arenes for Targeting Anticancer Drug Delivery. ACS Applied Materials & Interfaces, 2018, 10, 14281-14286.	8.0	47
70	Gene delivery based on macrocyclic amphiphiles. Theranostics, 2019, 9, 3094-3106.	10.0	47
71	Versatile Roles of Macrocycles in Organic-Inorganic Hybrid Materials for Biomedical Applications. Matter, 2020, 3, 1557-1588.	10.0	47
72	Removal of Th4+ ions from aqueous solutions by graphene oxide. Journal of Radioanalytical and Nuclear Chemistry, 2013, 298, 1999-2008.	1.5	45

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73	Bioorthogonal supramolecular cell-conjugation for targeted hitchhiking drug delivery. <i>Materials Today</i> , 2020, 40, 9-17.	14.2	45
74	Facile Preparation of Cucurbit[6]uril-Based Polymer Nanocapsules for Targeted Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 22925-22931.	8.0	44
75	Dual stimuli-responsive bispillar[5]arene-based nanoparticles for precisely selective drug delivery in cancer cells. <i>Chemical Communications</i> , 2019, 55, 2340-2343.	4.1	43
76	Stabilization of the (E)-1-Ferrocenyl-2-(1-methyl-4-pyridinium)ethylene Cation by Inclusion in Cucurbit[7]uril. <i>Organometallics</i> , 2006, 25, 1820-1823.	2.3	41
77	Single-sized colloidal CdTe nanocrystals with strong bandgap photoluminescence. <i>Chemical Communications</i> , 2009, , 962.	4.1	41
78	Enhanced MS/MS coverage for metabolite identification in LC-MS-based untargeted metabolomics by target-directed data dependent acquisition with time-staggered precursor ion list. <i>Analytica Chimica Acta</i> , 2017, 992, 67-75.	5.4	41
79	Macrocyclic-wrapped polyethylenimine for gene delivery with reduced cytotoxicity. <i>Biomaterials Science</i> , 2018, 6, 1031-1039.	5.4	40
80	Sustained delivery by a cyclodextrin material-based nanocarrier potentiates antiatherosclerotic activity of rapamycin via selectively inhibiting mTORC1 in mice. <i>Journal of Controlled Release</i> , 2016, 235, 48-62.	9.9	39
81	Facile Assembly of Cost-Effective and Locally Applicable or Injectable Nanohemostats for Hemorrhage Control. <i>ACS Nano</i> , 2016, 10, 9957-9973.	14.6	39
82	Influence of supramolecular encapsulation of camptothecin by cucurbit[7]uril: reduced toxicity and preserved anti-cancer activity. <i>MedChemComm</i> , 2016, 7, 1392-1397.	3.4	38
83	Encapsulation of Vitamin B ₁ and Its Phosphate Derivatives by Cucurbit[7]uril: Tunability of the Binding Site and Affinity by the Presence of Phosphate Groups. <i>Journal of Organic Chemistry</i> , 2016, 81, 1300-1303.	3.2	38
84	Pluronic P85/F68 Micelles of Baicalein Could Interfere with Mitochondria to Overcome MRP2-Mediated Efflux and Offer Improved Anti-Parkinsonian Activity. <i>Molecular Pharmaceutics</i> , 2017, 14, 3331-3342.	4.6	38
85	Supramolecular therapeutics to treat the side effects induced by a depolarizing neuromuscular blocking agent. <i>Theranostics</i> , 2019, 9, 3107-3121.	10.0	38
86	Zebrafish as a visual and dynamic model to study the transport of nanosized drug delivery systems across the biological barriers. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 156, 227-235.	5.0	37
87	Polyamine-Responsive Morphological Transformation of a Supramolecular Peptide for Specific Drug Accumulation and Retention in Cancer Cells. <i>Small</i> , 2021, 17, e2101139.	10.0	35
88	A covalently attached film based on poly(methacrylic acid)-capped Fe ₃ O ₄ nanoparticles. <i>Thin Solid Films</i> , 2003, 429, 167-173.	1.8	34
89	The catalysis mechanism of La hydrides on hydrogen storage properties of MgH ₂ in MgH ₂ +xwt.% LaH ₃ (x=0,10,20, and 30) composites. <i>Journal of Alloys and Compounds</i> , 2013, 577, 64-69.	5.5	34
90	Introduction of benzotriazole into graphene oxide for highly selective coadsorption of An and Ln: Facile synthesis and theoretical study. <i>Chemical Engineering Journal</i> , 2018, 344, 594-603.	12.7	34

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91	Heparin reversal by an oligoethylene glycol functionalized guanidinocalixarene. <i>Chemical Science</i> , 2020, 11, 9623-9629.	7.4	33
92	Gold nanorods with a noncovalently tailorable surface for multi-modality image-guided chemo-photothermal cancer therapy. <i>Chemical Communications</i> , 2019, 55, 13506-13509.	4.1	32
93	Macrophage-hitchhiking supramolecular aggregates of CuS nanoparticles for enhanced tumor deposition and photothermal therapy. <i>Nanoscale Horizons</i> , 2021, 6, 907-912.	8.0	32
94	Supramolecular Vesicles Based on Gold Nanorods for Precise Control of Gene Therapy and Deferred Photothermal Therapy. <i>CCS Chemistry</i> , 2022, 4, 1745-1757.	7.8	32
95	Effects of MoS ₂ addition on the hydrogen storage properties of 2LiBH ₄ -MgH ₂ systems. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 14631-14637.	7.1	31
96	Metal Actuated Ring Translocation Switches in Water. <i>Organic Letters</i> , 2018, 20, 3187-3191.	4.6	31
97	Encapsulation of alkyldiammonium ions within two different cavities of twisted cucurbit[14]uril. <i>Chemical Communications</i> , 2016, 52, 2589-2592.	4.1	30
98	Macrocycles and Related Hosts as Supramolecular Antidotes. <i>Trends in Chemistry</i> , 2021, 3, 1-4.	8.5	30
99	Supramolecular micelles as multifunctional theranostic agents for synergistic photodynamic therapy and hypoxia-activated chemotherapy. <i>Acta Biomaterialia</i> , 2021, 131, 483-492.	8.3	28
100	Cucurbit[7]uril stabilization of a diarylmethane carbocation in aqueous solution. <i>Tetrahedron Letters</i> , 2008, 49, 311-314.	1.4	27
101	Supramolecular formulation of nitidine chloride can alleviate its hepatotoxicity and improve its anticancer activity. <i>Food and Chemical Toxicology</i> , 2017, 109, 923-929.	3.6	27
102	Selective Decoating-Induced Activation of Supramolecularly Coated Toxic Nanoparticles for Multiple Applications. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 25604-25615.	8.0	27
103	Supramolecular nanomedicine derived from cucurbit[7]uril-conjugated nano-graphene oxide for multi-modality cancer therapy. <i>Biomaterials Science</i> , 2021, 9, 3804-3813.	5.4	27
104	The construction of an AIE-based controllable singlet oxygen generation system directed by a supramolecular strategy. <i>Chemical Communications</i> , 2020, 56, 7301-7304.	4.1	27
105	A host-guest complexation based fluorescent probe for the detection of paraquat and diquat herbicides in aqueous solutions. <i>RSC Advances</i> , 2015, 5, 100316-100321.	3.6	26
106	Comparison of normal versus imiquimod-induced psoriatic skin in mice for penetration of drugs and nanoparticles. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 5625-5635.	6.7	26
107	Selection of Planar Chiral Conformations between Pillar[5,6]arenes Induced by Amino Acid Derivatives in Aqueous Media. <i>Chemistry - A European Journal</i> , 2021, 27, 5890-5896.	3.3	26
108	Supramolecular Tropism Driven Aggregation of Nanoparticles In Situ for Tumor-Specific Bioimaging and Photothermal Therapy. <i>Small</i> , 2021, 17, e2101332.	10.0	26

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109	Semiconductor Quantum Dots Surface Modification for Potential Cancer Diagnostic and Therapeutic Applications. <i>Journal of Nanomaterials</i> , 2012, 2012, 1-8.	2.7	25
110	Multiscale and Multifunctional Emulsions by Host-Guest Interaction-Mediated Self-Assembly. <i>ACS Central Science</i> , 2018, 4, 600-605.	11.3	25
111	The self-assembly of a hybrid photosensitizer for the synergistically enhanced photodynamic/photothermal therapy. <i>Biomaterials Science</i> , 2021, 9, 2115-2123.	5.4	25
112	Chiroptic behaviour of a chiral guest in an achiral cucurbit[7]uril host. <i>Tetrahedron: Asymmetry</i> , 2007, 18, 483-487.	1.8	24
113	Inhibition of C(2)-H Activity on Alkylated Imidazolium Monocations and Dications upon Inclusion by Cucurbit[7]uril. <i>Journal of Organic Chemistry</i> , 2016, 81, 9494-9498.	3.2	24
114	Host-Guest Protein Assembly for Affinity Purification of Methyllysine Proteomes. <i>Analytical Chemistry</i> , 2020, 92, 9322-9329.	6.5	24
115	Cucurbit[7]uril-functionalized magnetic nanoparticles for imaging-guided cancer therapy. <i>Journal of Materials Chemistry B</i> , 2020, 8, 2749-2753.	5.8	24
116	Macrocyclic-Based Polymer Nanocapsules for Hypoxia-Responsive Payload Delivery. , 2020, 2, 266-271.		24
117	Encapsulation of a β -carboline in cucurbit[7]uril. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2009, 64, 233-237.	1.6	23
118	Concealing the taste of the Guinness World's most bitter substance by using a synthetic nanocontainer. <i>Nanoscale</i> , 2017, 9, 10606-10609.	5.6	23
119	pH-sensitive loaded retinal/indocyanine green micelles as an "all-in-one" theranostic agent for multi-modal imaging in vivo guided cellular senescence-photothermal synergistic therapy. <i>Chemical Communications</i> , 2019, 55, 6209-6212.	4.1	23
120	Triangular Regulation of Cucurbit[8]uril 1:1 Complexes. <i>Journal of the American Chemical Society</i> , 2019, 141, 5897-5907.	13.7	23
121	Thermosensitive Polymer Dot Nanocomposites for Trimodal Computed Tomography/Photoacoustic/Fluorescence Imaging-Guided Synergistic Chemo-Photothermal Therapy. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 51174-51184.	8.0	23
122	Self-Propelled Asymmetrical Nanomotor for Self-Reported Gas Therapy. <i>Small</i> , 2021, 17, e2102286.	10.0	23
123	Supramolecular Recognition of Amino Acids by Twisted Cucurbit[14]uril. <i>Chemistry - an Asian Journal</i> , 2016, 11, 2250-2254.	3.3	22
124	Inhibition of drug-induced seizure development in both zebrafish and mouse models by a synthetic nanoreceptor. <i>Nanoscale</i> , 2018, 10, 10333-10336.	5.6	22
125	A Cucurbit[8]uril 2:2 Complex with a Negative pK_a Shift. <i>Chemistry - A European Journal</i> , 2019, 25, 12552-12559.	3.3	22
126	Carbon dots for ratiometric fluorescence detection of morin. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 256, 119751.	3.9	22

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127	Platinum-crosslinking polymeric nanoparticle for synergetic chemoradiotherapy of nasopharyngeal carcinoma. <i>Bioactive Materials</i> , 2021, 6, 4707-4716.	15.6	22
128	High-affinity host-guest complex of cucurbit[7]uril with a bis(thiazolium) salt. <i>RSC Advances</i> , 2015, 5, 56110-56115.	3.6	21
129	Functional lipids based on [12]aneN ₃ and naphthalimide as efficient non-viral gene vectors. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 6346-6354.	2.8	21
130	Emerging trends and new developments in monoclonal antibodies: A scientometric analysis (1980-2016). <i>Human Vaccines and Immunotherapeutics</i> , 2017, 13, 1388-1397.	3.3	21
131	A pH-driven ring translocation switch against cancer cells. <i>Chemical Communications</i> , 2018, 54, 13825-13828.	4.1	21
132	An Eco- and User-Friendly Herbicide. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 7783-7792.	5.2	21
133	Guest Exchange by a Partial Energy Ratchet in Water. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 6617-6623.	13.8	21
134	Cyclodextrin-Derived ROS-Generating Nanomedicine with pH-Modulated Degradability to Enhance Tumor Ferroptosis Therapy and Chemotherapy. <i>Small</i> , 2022, 18, e2200330.	10.0	21
135	Encapsulation of AGE-Breaker Alagebrium by Cucurbit[7]uril Improved the Stability of Both Its Carbonyl-Hydrogen and Thiazolium C-Hydrogen. <i>Chemistry - an Asian Journal</i> , 2016, 11, 3126-3133.	3.3	20
136	Supramolecular encapsulation of benzocaine and its metabolite para-aminobenzoic acid by cucurbit[7]uril. <i>New Journal of Chemistry</i> , 2016, 40, 3484-3490.	2.8	20
137	[12]aneN ₃ -Based Gemini-Type Amphiphiles with Two-Photon Absorption Properties for Enhanced Nonviral Gene Delivery and Bioimaging. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 40094-40107.	8.0	20
138	Supramolecular biomaterials for bio-imaging and imaging-guided therapy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 1200-1210.	6.4	20
139	Fabrication of a Covalently Attached Self-Assembly Multilayer Film Based on CdTe Nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2002, 247, 361-365.	9.4	19
140	Enhanced Intracellular Delivery and Tissue Retention of Nanoparticles by Mussel-Inspired Surface Chemistry. <i>Biomacromolecules</i> , 2015, 16, 3574-3583.	5.4	19
141	Zebrafish: A Visual Model To Evaluate the Biofate of Transferrin Receptor-Targeted 7Peptide-Decorated Coumarin 6 Micelles. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 39048-39058.	8.0	19
142	Supramolecular Encapsulation and Bioactivity Modulation of a Halonium Ion by Cucurbit[7]uril (<i>n</i> = 7, 8). <i>Journal of Organic Chemistry</i> , 2018, 83, 4882-4887.	3.2	19
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