

Rong Huang

List of Publications by Year in descending order

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56
papers

1,314
citations

331538

21
h-index

377752

34
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all docs

57
docs citations

57
times ranked

1933
citing authors

#	ARTICLE	IF	CITATIONS
1	A highly conserved G-rich consensus sequence in hepatitis C virus core gene represents a new anti-hepatitis C target. <i>Science Advances</i> , 2016, 2, e1501535.	4.7	112
2	A new fluorescent turn-on probe for highly sensitive and selective detection of sulfite and bisulfite. <i>Sensors and Actuators B: Chemical</i> , 2014, 190, 792-799.	4.0	90
3	Cu(I)-Catalyzed Asymmetric Multicomponent Cascade Inverse Electron-Demand Aza-Diels-Alder/Nucleophilic Addition/Ring-Opening Reaction Involving 2-Methoxyfurans as Efficient Dienophiles. <i>Journal of the American Chemical Society</i> , 2016, 138, 3998-4001.	6.6	67
4	DNA methyltransferase activity detection based on fluorescent silver nanocluster hairpin-shaped DNA probe with 5'-C-rich/G-rich-3' tails. <i>Biosensors and Bioelectronics</i> , 2015, 68, 736-740.	5.3	66
5	Aptamer-based turn-on fluorescent four-branched quaternary ammonium pyrazine probe for selective thrombin detection. <i>Chemical Communications</i> , 2011, 47, 1273-1275.	2.2	57
6	PPh ₃ -Mediated [4 + 2]- and [4 + 1]-Annulations of Maleimides with Azoalkenes: Access to Fused Tetrahydropyridazine/Pyrrolidinedione and Spiro-dihydropyrazole/Pyrrolidinedione Derivatives. <i>Organic Letters</i> , 2017, 19, 1176-1179.	2.4	50
7	Curtachalasin A and B, Two Cytochalasins with a Tetracyclic Skeleton from the Endophytic Fungus <i>Xylaria curta</i> E10. <i>Organic Letters</i> , 2018, 20, 7758-7761.	2.4	50
8	A turn-on fluorescent probe for detection of tyrosinase activity. <i>Analyst</i> , 2013, 138, 2825.	1.7	48
9	A lysosome-targeted fluorescent sensor for the detection of glutathione in cells with an extremely fast response. <i>Chemical Communications</i> , 2016, 52, 11579-11582.	2.2	47
10	A Two-photon Fluorescent Probe for Intracellular Detection of Tyrosinase Activity. <i>Chemistry - an Asian Journal</i> , 2012, 7, 2782-2785.	1.7	42
11	Inverse-Electron-Demand [4+2]-Cycloaddition of 1,3,5-Triazines: Facile Approaches to Tetrahydroquinazolines. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 44-48.	2.1	40
12	Access to Imidazolidines via 1,3-Dipolar Cycloadditions of 1,3,5-Triazines with Aziridines. <i>Journal of Organic Chemistry</i> , 2019, 84, 11161-11169.	1.7	35
13	A mitochondria-targeted zinc(ii) phthalocyanine for photodynamic therapy. <i>RSC Advances</i> , 2013, 3, 12839.	1.7	31
14	An Electron-Deficient Diene as Ligand for Palladium-Catalyzed Cross-Coupling Reactions: An Efficient Alkylation of Aryl Iodides by Primary and Secondary Alkylzinc Reagents. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 1349-1354.	2.1	26
15	Development of a pH-activatable fluorescent probe and its application for visualizing cellular pH change. <i>Analyst</i> , 2012, 137, 4418.	1.7	26
16	Pyridyl-Substituted Corrole Isomers: Synthesis and their Regulation to G-quadruplex Structures. <i>Chemistry - an Asian Journal</i> , 2010, 5, 114-122.	1.7	25
17	Reaction-Based Two-photon Fluorescent Probe for Turn-On Mercury(II) Sensing and Imaging in Live Cells. <i>Chemistry - an Asian Journal</i> , 2012, 7, 915-918.	1.7	24
18	Cytotoxic polyketides from endophytic fungus <i>Phoma bellidis</i> harbored in <i>Ttricyrtis maculate</i> . <i>Phytochemistry Letters</i> , 2019, 29, 41-46.	0.6	24

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19	Visualization of G-quadruplexes in gel and in live cells by a near-infrared fluorescent probe. <i>Sensors and Actuators B: Chemical</i> , 2016, 236, 268-275.	4.0	23
20	Naringin Exhibited Therapeutic Effects against DSS-Induced Mice Ulcerative Colitis in Intestinal Barrier-Dependent Manner. <i>Molecules</i> , 2021, 26, 6604.	1.7	23
21	(\pm)-Xylaridines A and B, Highly Conjugated Alkaloids from the Fungus <i>Xylaria longipes</i> . <i>Organic Letters</i> , 2019, 21, 1511-1514.	2.4	22
22	Accessing benzooxadiazepines via formal [4 + 3] cycloadditions of aza-o-quinone methides with nitrones. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 2639-2642.	1.5	21
23	Tricholopardins A and B, Anti-inflammatory Terpenoids from the Fruiting Bodies of <i>Tricholoma pardinum</i> . <i>Journal of Natural Products</i> , 2019, 82, 45-50.	1.5	21
24	Conjugated 5-fluorouracil with mitochondria-targeting lipophilic cation: design, synthesis and biological evaluation. <i>MedChemComm</i> , 2016, 7, 2016-2019.	3.5	20
25	A novel cationic triazatetrabenzcorrole: selective detection of mercury(II) by nucleic acid-induced aggregation. <i>Analyst</i> , 2011, 136, 955-961.	1.7	19
26	Thiol-inducible direct fluorescence monitoring of drug release. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 580-585.	1.5	19
27	A novel aggregation-induced emission fluorescent probe for nucleic acid detection and its applications in cell imaging. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 1654-1656.	1.0	19
28	A 4-amino-1,8-naphthalimide Derivative for Selective Fluorescent Detection of Palladium(II) Ions. <i>Asian Journal of Organic Chemistry</i> , 2012, 1, 259-263.	1.3	17
29	Fluoride as an inducible DNA cross-linking agent for new antitumor prodrug. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 2365.	1.5	16
30	Ag(I)-Catalyzed Kinetic Resolution of Cyclopentene-1,3-diones. <i>Organic Letters</i> , 2018, 20, 3482-3486.	2.4	16
31	Isoindolinone-containing meroterpenoids with β -glucosidase inhibitory activity from mushroom <i>Hericium caput-medusae</i> . <i>Fytotherapy Research</i> , 2017, 122, 107-114.	1.1	15
32	Xylaridines C and D, Unusual Thiopyranodipyridine Alkaloids from the Fungus <i>Xylaria longipes</i> . <i>Organic Letters</i> , 2019, 21, 6145-6148.	2.4	15
33	Triphenylamine pyridine acetonitrile fluorogens with green emission for pH sensing and application in cells. <i>Chinese Chemical Letters</i> , 2015, 26, 323-328.	4.8	14
34	Phellibarin D with an unprecedented triterpenoid skeleton isolated from the mushroom <i>Phellinus rhabarbarinus</i> . <i>Tetrahedron Letters</i> , 2016, 57, 3544-3546.	0.7	14
35	Characterization of Molecular Species and Anti-Inflammatory Activity of Purified Phospholipids from Antarctic Krill Oil. <i>Marine Drugs</i> , 2021, 19, 124.	2.2	13
36	Three New Triterpenoids from European Mushroom <i>Tricholoma terreum</i> . <i>Natural Products and Bioprospecting</i> , 2015, 5, 205-208.	2.0	11

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37	Substrate-Switched Chemodivergent Pyrazole and Pyrazoline Synthesis: [3 + 2] Cycloaddition/Ring-Opening Rearrangement Reaction of Azadienes with Nitrile Imines. <i>Journal of Organic Chemistry</i> , 2022, 87, 3389-3401.	1.7	11
38	Self-Deliverable Peptide-Mediated and Reactive-Oxygen-Species-Amplified Therapeutic Nanoplatform for Highly Effective Bacterial Inhibition. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 159-171.	4.0	10
39	Recent Advances about the Applications of Click Reaction in Chemical Proteomics. <i>Molecules</i> , 2021, 26, 5368.	1.7	9
40	Graphene oxide-based fluorescent detection of DNA and enzymes using Hoechst 33258 and its use for dual-output fluorescent logic gates. <i>Analytical Methods</i> , 2013, 5, 3631.	1.3	7
41	Three New Compounds from the Actinomycete <i>Actinocorallia aurantiaca</i> . <i>Natural Products and Bioprospecting</i> , 2019, 9, 351-354.	2.0	5
42	Piperidine alkaloids and xanthone from the roots of <i>Caulophyllum robustum</i> Maxim. <i>FĀ-toterapĀ-Āċ</i> , 2019, 132, 22-25.	1.1	5
43	Antarctic krill oil high internal phase Pickering emulsion stabilized by bamboo protein gels and the anti-inflammatory effect in vitro and in vivo. <i>Journal of Functional Foods</i> , 2022, 94, 105134.	1.6	5
44	A selective turn-on fluorescence strategy for the detection of 5-hydroxymethyl-2ĀĒ-deoxycytidine. <i>RSC Advances</i> , 2013, 3, 12066.	1.7	4
45	Specific recognition of guanines in non-duplex regions of nucleic acids with potassium tungstate and hydrogen peroxide. <i>Nucleic Acids Research</i> , 2015, 43, e3-e3.	6.5	4
46	Anemhupehins ĀĒċ, Podocarpane Diterpenoids from <i>Anemone hupehensis</i> . <i>Natural Products and Bioprospecting</i> , 2018, 8, 31-35.	2.0	4
47	A novel combined bisulfite UDG assay for selective 5-methylcytosine detection. <i>Talanta</i> , 2013, 117, 445-448.	2.9	3
48	Cadinane-type sesquiterpenoids and an indolizine alkaloid from the rice fermentation of the fungus <i>Rigidoporus microporus</i> . <i>Phytochemistry Letters</i> , 2019, 32, 119-122.	0.6	3
49	Vibralactones UĒċW, three vibralactone derivatives from cultures of the basidiomycete <i>Boreostereum vibrans</i> . <i>Journal of Asian Natural Products Research</i> , 2019, 21, 603-609.	0.7	3
50	ĀĒċCarbolineĀĒċBased pH Fluorescent Probe and Its Application for Monitoring Enzymatic Ester Hydrolysis. <i>Chemistry and Biodiversity</i> , 2021, 18, e2000829.	1.0	3
51	Effects of modified-guanosine on the stability of G-triplex. <i>Tetrahedron Letters</i> , 2016, 57, 5321-5325.	0.7	2
52	Xylanilytolides ĀĒċ, Three New Compounds from Cultures of the Actinomycete <i>Promicromonospora xylanilytica</i> YIM 61515. <i>Natural Products and Bioprospecting</i> , 2018, 8, 91-95.	2.0	2
53	Two highly oxygenated Ergosterols from cultures of the Basidiomycete <i>Conocybe siliginea</i> . <i>Natural Product Research</i> , 2019, 33, 3037-3043.	1.0	2
54	Pardinumones ĀĒċD: Antibacterial PolyketideĀĒċAmino Acid Derivatives from the Mushroom <i>Tricholoma pardinum</i> . <i>ACS Omega</i> , 2021, 6, 25089-25095.	1.6	2

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55	Four New Highly Oxygenated Eremophilane Sesquiterpenes from an Endophytic Fungus <i>Boeremia exigua</i> Isolated from <i>Fritillaria hupehensis</i> . <i>Journal of Fungi</i> (Basel, Switzerland), 2022, 8, 492.	1.5	2
56	<i>N</i> -Acyloxyphthalimide as Multitasking Directing Group for Sequential C-H Functionalization. <i>ChemistrySelect</i> , 2019, 4, 2101-2104.	0.7	0