

Hui Chen

List of Publications by Year in descending order

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62
papers

964
citations

394421

19
h-index

552781

26
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62
all docs

62
docs citations

62
times ranked

1392
citing authors

#	ARTICLE	IF	CITATIONS
1	Dietary component isorhamnetin is a PPAR β antagonist and ameliorates metabolic disorders induced by diet or leptin deficiency. <i>Scientific Reports</i> , 2016, 6, 19288.	3.3	59
2	Sweroside Alleviated Aconitine-Induced Cardiac Toxicity in H9c2 Cardiomyoblast Cell Line. <i>Frontiers in Pharmacology</i> , 2018, 9, 1138.	3.5	47
3	Chromatographic separation and detection of contaminants from whole milk powder using a chitosan-modified silver nanoparticles surface-enhanced Raman scattering device. <i>Food Chemistry</i> , 2017, 224, 382-389.	8.2	38
4	Visible Light-Induced Difunctionalization of Alkynes: The Synthesis of Thiazoles and 1,1-Dibromo-1-en-3-yne. <i>Journal of Organic Chemistry</i> , 2019, 84, 15283-15293.	3.2	34
5	Comparison of several chemometric methods of libraries and classifiers for the analysis of expired drugs based on Raman spectra. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 94, 58-64.	2.8	28
6	Isolation of two new prenylated flavonoids from <i>Sinopodophyllum emodi</i> fruit by silica gel column and high-speed counter-current chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 969, 190-198.	2.3	28
7	Analysis of low active-pharmaceutical-ingredient signal drugs based on thin layer chromatography and surface-enhanced Raman spectroscopy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 131, 410-419.	2.8	28
8	Virus-CKB: an integrated bioinformatics platform and analysis resource for COVID-19 research. <i>Briefings in Bioinformatics</i> , 2021, 22, 882-895.	6.5	28
9	Bioluminescent Probe for Tumor Hypoxia Detection via CYP450 Reductase in Living Animals. <i>Analytical Chemistry</i> , 2017, 89, 12488-12493.	6.5	27
10	Citrus reticulata Blanco peel extract ameliorates hepatic steatosis, oxidative stress and inflammation in HF and MCD diet-induced NASH C57BL/6 J mice. <i>Journal of Nutritional Biochemistry</i> , 2020, 83, 108426.	4.2	27
11	Lignanamides with potent antihyperlipidemic activities from the root bark of <i>Lycium chinense</i> . <i>F\ddot{A}-totera</i> , 2017, 122, 119-125.	2.2	25
12	Simultaneous Construction of C \ddot{a} -Se And C \ddot{a} -S Bonds via the Visible-Light-Mediated Multicomponent Cascade Reaction of Diselenides, Alkynes, and SO ₂ . <i>Chemistry - an Asian Journal</i> , 2019, 14, 3264-3268.	3.3	25
13	Visible-Light-Induced Cyclization/Aromatization of 2-Vinyloxy Arylalkynes: Synthesis of Thio-Substituted Dibenzofuran Derivatives. <i>Organic Letters</i> , 2021, 23, 376-381.	4.6	25
14	Coptisine protects cardiomyocyte against hypoxia/reoxygenation-induced damage via inhibition of autophagy. <i>Biochemical and Biophysical Research Communications</i> , 2017, 490, 231-238.	2.1	24
15	Roundup $\text{\textcircled{R}}$ confers cytotoxicity through DNA damage and Mitochondria-Associated apoptosis induction. <i>Environmental Pollution</i> , 2019, 252, 917-923.	7.5	24
16	Photoinduced Cascade Reaction of Tertiary Amines with Sulfonyl Azides: Synthesis of Amidine Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 3656-3660.	4.3	23
17	Increased Drp1 promotes autophagy and ESCC progression by mtDNA stress mediated cGAS-STING pathway. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, 76.	8.6	22
18	Berberine prevents primary peritoneal adhesion and adhesion reformation by directly inhibiting TIMP-1. <i>Acta Pharmaceutica Sinica B</i> , 2020, 10, 812-824.	12.0	21

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19	A separable surface-enhanced Raman scattering substrate modified with MIL-101 for detection of overlapping and invisible compounds after thin-layer chromatography development. <i>Analytica Chimica Acta</i> , 2018, 997, 35-43.	5.4	20
20	Quality Evaluation of Polar and Active Components in Crude and Processed Fructus Corni by Quantitative Analysis of Multicomponents with Single Marker. <i>Journal of Analytical Methods in Chemistry</i> , 2016, 2016, 1-13.	1.6	19
21	Automatic standardization method for Raman spectrometers with applications to pharmaceuticals. <i>Journal of Raman Spectroscopy</i> , 2015, 46, 147-154.	2.5	18
22	A novel coelenterate luciferin-based luminescent probe for selective and sensitive detection of thiophenols. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 10267-10274.	2.8	18
23	Spinetoram confers its cytotoxic effects by inducing AMPK/mTOR-mediated autophagy and oxidative DNA damage. <i>Ecotoxicology and Environmental Safety</i> , 2019, 183, 109480.	6.0	18
24	Kanglexin delays heart aging by promoting mitophagy. <i>Acta Pharmacologica Sinica</i> , 2022, 43, 613-623.	6.1	18
25	Preparation, characterization and <i>in vitro</i> and <i>in vivo</i> evaluation of a solid dispersion of Naringin. <i>Drug Development and Industrial Pharmacy</i> , 2018, 44, 1725-1732.	2.0	17
26	Cytotoxic effects of bio-pesticide spinosad on human lung A549 cells. <i>Chemosphere</i> , 2019, 230, 182-189.	8.2	16
27	Simultaneous determination of human plasma protein binding of bioactive flavonoids in <i>Polygonum orientale</i> by equilibrium dialysis combined with UPLC-MS/MS. <i>Journal of Pharmaceutical Analysis</i> , 2013, 3, 376-381.	5.3	15
28	Inhibiting Firefly Bioluminescence by Chalcones. <i>Analytical Chemistry</i> , 2017, 89, 6099-6105.	6.5	15
29	Ginkgolide B lowers body weight and ameliorates hepatic steatosis in high-fat diet-induced obese mice correlated with pregnane X receptor activation. <i>RSC Advances</i> , 2017, 7, 37858-37866.	3.6	15
30	Simultaneous Determination of 11 High-Polarity Components from Fructus Corni: A Quantitative LC-MS/MS Method for Improved Quality Control. <i>Journal of Chromatographic Science</i> , 2018, 56, 56-64.	1.4	15
31	Fluorescence detection of glutathione S-transferases in a low GSH level environment. <i>Chemical Communications</i> , 2019, 55, 7219-7222.	4.1	15
32	Lycibarbarines C, Three Tetrahydroquinoline Alkaloids Possessing a Spiro-Heterocycle Moiety from the Fruits of <i>Lycium barbarum</i> . <i>Organic Letters</i> , 2021, 23, 858-862.	4.6	14
33	A novel NBD-based pH sensitive fluorescent probe equipped with the N-phenylpiperazine group for lysosome imaging. <i>RSC Advances</i> , 2016, 6, 102773-102777.	3.6	12
34	Homoisoflavanones with estrogenic activity from the rhizomes of <i>Polygonatum sibiricum</i> . <i>Journal of Asian Natural Products Research</i> , 2018, 20, 92-100.	1.4	12
35	Identification of isotschimagine as a novel farnesoid X receptor agonist with potency for the treatment of obesity in mice. <i>Biochemical and Biophysical Research Communications</i> , 2020, 521, 639-645.	2.1	11
36	Synthesis, characterization, and radioprotective activity of β , γ -unsaturated aryl sulfone analogs and their Tempol conjugates. <i>MedChemComm</i> , 2017, 8, 1063-1068.	3.4	10

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37	A bioluminescent strategy for imaging palladium in living cells and animals with chemoselective probes based on luciferin-luciferase system. <i>Talanta</i> , 2019, 194, 925-929.	5.5	10
38	Solanrubiellin A, a hydroanthraquinone dimer with antibacterial and cytotoxic activity from <i>Solanum lyratum</i> . <i>Natural Product Research</i> , 2020, 34, 3176-3181.	1.8	10
39	Danshen formula granule and salvianic acid A alleviate ethanol-induced neurotoxicity. <i>Journal of Natural Medicines</i> , 2020, 74, 399-408.	2.3	10
40	Competitive cocrystallization and its application in the separation of flavonoids. <i>IUCr</i> , 2021, 8, 195-207.	2.2	10
41	CLZ-8, a potent small-molecular compound, protects radiation-induced damages both in vitro and in vivo. <i>Environmental Toxicology and Pharmacology</i> , 2018, 61, 44-51.	4.0	9
42	Protopanaxadiol alleviates obesity in high-fat diet-fed mice via activation of energy-sensing neuron in the paraventricular nucleus of hypothalamus. <i>Biochemical and Biophysical Research Communications</i> , 2019, 513, 1092-1099.	2.1	9
43	The synthesis of Tempol phenol derivatives and their protection against radical-induced damage. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2013, 298, 443-447.	1.5	8
44	Binding Characterization of GPCRs-Modulator by Molecular Complex Characterizing System (MCCS). <i>ACS Chemical Neuroscience</i> , 2020, 11, 3333-3345.	3.5	8
45	Sinensioside A, a new sesquiterpene glycoside from <i>Selaginella sinensis</i> . <i>Chinese Journal of Natural Medicines</i> , 2014, 12, 148-150.	1.3	7
46	5-Epi-SPA-6952A, a new insecticidal 24-membered macrolide produced by <i>Streptomyces diastatochromogenes</i> SSPRC-11339. <i>Natural Product Research</i> , 2019, 33, 659-664.	1.8	7
47	IsAb: a computational protocol for antibody design. <i>Briefings in Bioinformatics</i> , 2021, 22, .	6.5	7
48	Puerarin-Na Chelate Hydrate Simultaneously Improves Dissolution and Mechanical Behavior. <i>Molecular Pharmaceutics</i> , 2021, 18, 2507-2520.	4.6	7
49	Aloe-emodin derivative produces anti-atherosclerosis effect by reinforcing AMBRA1-mediated endothelial autophagy. <i>European Journal of Pharmacology</i> , 2022, 916, 174641.	3.5	7
50	Optimized Fluorescent Probe for Specific Imaging of Glutathione S-transferases in Living Cells and Mice. <i>Chemistry - an Asian Journal</i> , 2020, 15, 1464-1468.	3.3	6
51	Preparation and In Vitro and In Vivo Evaluation Of Panax Notoginseng Saponins-loaded Nanoparticles Coated with Trimethyl Chitosan Derivatives. <i>Journal of Pharmaceutical Sciences</i> , 2022, 111, 1659-1666.	3.3	6
52	Eliminating Non-linear Raman Shift Displacement Between Spectrometers via Moving Window Fast Fourier Transform Cross-Correlation. <i>Frontiers in Chemistry</i> , 2018, 6, 515.	3.6	5
53	The cytotoxic effects of spinetoram on human HepG2 cells by inducing DNA damage and mitochondria-associated apoptosis. <i>Food and Agricultural Immunology</i> , 2019, 30, 1020-1032.	1.4	4
54	Hypeisoxazole A, a Racemic Pair of Tetrahydroisoxazole-Fused Benzylisoquinoline Alkaloids from <i>Hypecoum erectum</i> and Structural Revision of Hypecoleptopine. <i>Organic Letters</i> , 2022, 24, 1476-1480.	4.6	4

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55	Two new guaianolide-type sesquiterpenoids with NO inhibitory activity from <i>Chrysanthemum indicum</i> . <i>Journal of Asian Natural Products Research</i> , 2023, 25, 316-323.	1.4	4
56	Network Pharmacology Analysis of the Therapeutic Mechanisms Underlying Beimu-Gualou Formula Activity against Bronchiectasis with In Silico Molecular Docking Validation. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-17.	1.2	3
57	The pH-triggered drug release and simultaneous carrier decomposition of effervescent SiO ₂ -drug-Na ₂ CO ₃ composite nanoparticles: to improve the antitumor activity of hydrophobic drugs. <i>RSC Advances</i> , 2021, 11, 5335-5347.	3.6	3
58	Binding Characterization of Agonists and Antagonists by MCCS: A Case Study from Adenosine A _{2A} Receptor. <i>ACS Chemical Neuroscience</i> , 2021, 12, 1606-1620.	3.5	3
59	Thermodynamic and kinetic studies on the polymorphic transformations of puerarin hydrates. <i>International Journal of Pharmaceutics</i> , 2021, 597, 120374.	5.2	2
60	Fissisternoids A and B, two 2,5-quinodihydrochalcone-based meroterpenoid enantiomers with unusual carbon skeletons from <i>Fissistigma bracteolatum</i> . <i>Organic Chemistry Frontiers</i> , 2021, 9, 190-196.	4.5	2
61	A convenient synthesis of 1-alkyl-4-benzylpiperazine derivatives. <i>Journal of Chemical Research</i> , 2016, 40, 519-520.	1.3	1
62	LSD1 inhibitors from the roots of <i>Pueraria lobata</i> . <i>Journal of Asian Natural Products Research</i> , 2022, , 1-9.	1.4	1