

Xiang-Rong Cheng

List of Publications by Year in descending order

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43
papers

985
citations

430442

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454577

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44
all docs

44
docs citations

44
times ranked

1459
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Inula</i> sesquiterpenoids: structural diversity, cytotoxicity and anti-tumor activity. Expert Opinion on Investigational Drugs, 2014, 23, 317-345.	1.9	100
2	Resveratrol restores the circadian rhythmic disorder of lipid metabolism induced by high-fat diet in mice. Biochemical and Biophysical Research Communications, 2015, 458, 86-91.	1.0	88
3	Differential effects of quercetin on hippocampus-dependent learning and memory in mice fed with different diets related with oxidative stress. Physiology and Behavior, 2015, 138, 325-331.	1.0	76
4	Structural characterization of an active polysaccharide of longan and evaluation of immunological activity. Carbohydrate Polymers, 2019, 213, 247-256.	5.1	73
5	Sesquiterpene lactones from <i>Inula falconeri</i> , a plant endemic to the Himalayas, as potential anti-inflammatory agents. European Journal of Medicinal Chemistry, 2011, 46, 5408-5415.	2.6	64
6	Role of thyroid hormone homeostasis in obesity-prone and obesity-resistant mice fed a high-fat diet. Metabolism: Clinical and Experimental, 2015, 64, 566-579.	1.5	44
7	A cell-penetrating peptide analogue, P7, exerts antimicrobial activity against <i>Escherichia coli</i> ATCC25922 via penetrating cell membrane and targeting intracellular DNA. Food Chemistry, 2015, 166, 231-239.	4.2	41
8	Dietary Methionine Restriction Ameliorated Fat Accumulation, Systemic Inflammation, and Increased Energy Metabolism by Altering Gut Microbiota in Middle-Aged Mice Administered Different Fat Diets. Journal of Agricultural and Food Chemistry, 2020, 68, 7745-7756.	2.4	39
9	Dietary methionine restriction regulated energy and protein homeostasis by improving thyroid function in high fat diet mice. Food and Function, 2018, 9, 3718-3731.	2.1	36
10	Sesquiterpene Lactones from <i>Inula hookeri</i> . Planta Medica, 2012, 78, 465-471.	0.7	28
11	Linearifolianoids A-D, rare unsymmetrical sesquiterpenoid dimers comprised of xanthane and guaiane framework units from <i>Inula linearifolia</i> . RSC Advances, 2012, 2, 1307.	1.7	28
12	Chemical Constituents from <i>Aphanamixis grandifolia</i> . Chemistry of Natural Compounds, 2013, 49, 486-492.	0.2	24
13	Bioactive eudesmane and germacrane derivatives from <i>Inula wissmanniana</i> Hand.-Mazz.. Phytochemistry, 2013, 96, 214-222.	1.4	24
14	Effect of dietary oxidized tyrosine products on insulin secretion via the oxidative stress-induced mitochondria damage in mice pancreas. RSC Advances, 2017, 7, 26809-26826.	1.7	22
15	Niga-ichigoside F1 ameliorates high-fat diet-induced hepatic steatosis in male mice by Nrf2 activation. Food and Function, 2018, 9, 906-916.	2.1	22
16	Flavor Components Comparison between the Neck Meat of Donkey, Swine, Bovine, and Sheep. Food Science of Animal Resources, 2020, 40, 527-540.	1.7	22
17	Chemical Constituents of Plants from the Genus <i>Geum</i> . Chemistry and Biodiversity, 2011, 8, 203-222.	1.0	20
18	Dityrosine administration induces dysfunction of insulin secretion accompanied by diminished thyroid hormones T3 function in pancreas of mice. Amino Acids, 2017, 49, 1401-1414.	1.2	20

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19	Taraxasterane-Type Triterpene and Neolignans from <i>Geum japonicum</i> Thunb. var. <i>chinense</i> F. Bolle. <i>Planta Medica</i> , 2011, 77, 2061-2065.	0.7	17
20	One new unusual sesterterpenoid and four new sesquiterpene dimers from <i>Inula britannica</i> . <i>RSC Advances</i> , 2015, 5, 1979-1982.	1.7	17
21	Preparation and structural characterization of poly-mannose synthesized by phosphoric acid catalyzed under microwave irradiation. <i>Carbohydrate Polymers</i> , 2015, 121, 355-361.	5.1	16
22	Role of miR-383 and miR-146b in different propensities to obesity in male mice. <i>Journal of Endocrinology</i> , 2017, 234, 201-216.	1.2	16
23	Metabolomic studies on the systemic responses of mice with oxidative stress induced by short-term oxidized tyrosine administration. <i>RSC Advances</i> , 2017, 7, 28591-28605.	1.7	16
24	Î³-Hydroxynitrile glucosides from the seeds of <i>Prinsepia utilis</i> . <i>Phytochemistry</i> , 2014, 105, 135-140.	1.4	13
25	Effects of dietary oxidized tyrosine products on insulin secretion via the thyroid hormone T3-regulated TRP21 Akt-mTOR pathway in the pancreas. <i>RSC Advances</i> , 2017, 7, 54610-54625.	1.7	12
26	Effects of Ejiao peptide-iron chelates on intestinal inflammation and gut microbiota in iron deficiency anemic mice. <i>Food and Function</i> , 2021, 12, 10887-10902.	2.1	12
27	Chemical constituents from <i>Metasequoia glyptostroboides</i> Hu et Cheng. <i>Biochemical Systematics and Ecology</i> , 2013, 50, 406-410.	0.6	10
28	Chemical constituents from <i>Verbena officinalis</i> . <i>Chemistry of Natural Compounds</i> , 2011, 47, 319-320.	0.2	8
29	Structure-based approach for the study of thyroid hormone receptor binding affinity and subtype selectivity. <i>Journal of Biomolecular Structure and Dynamics</i> , 2016, 34, 2251-2267.	2.0	8
30	Three New Neolignans and One New Phenylpropanoid from the Leaves and Stems of <i>Toona ciliata</i> var. <i>pubescens</i> . <i>Helvetica Chimica Acta</i> , 2011, 94, 1685-1691.	1.0	7
31	Winolides A-C, bioactive sesquiterpene lactones with unusual 5,6-secoeudesmane frameworks from <i>Inula wissmanniana</i> . <i>RSC Advances</i> , 2014, 4, 33815.	1.7	7
32	Synthesis and evaluation of new Î±-methylene-Î³-lactone carbamates with NO production inhibitory effects in lipopolysaccharide-induced RAW 264.7 macrophages. <i>European Journal of Medicinal Chemistry</i> , 2015, 93, 274-280.	2.6	7
33	Norlignans and Phenylpropanoids from <i>Metasequoia glyptostroboides</i> Hu et Cheng. <i>Helvetica Chimica Acta</i> , 2012, 95, 606-612.	1.0	6
34	Chemical constituents of <i>Euonymus acanthocarpus</i> . <i>Chemistry of Natural Compounds</i> , 2013, 49, 383-387.	0.2	6
35	Chemical Constituents from <i>Inula wissmanniana</i> . <i>Chemistry of Natural Compounds</i> , 2013, 49, 815-818.	0.2	6
36	New sesquiterpenic acids from <i>Inula wissmanniana</i> . <i>FÃtoterapÃ</i> , 2014, 95, 139-146.	1.1	5

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37	Chemical Space Charting of Different Parts of <i>Inula nervosa</i> Wall.: Upregulation of Expression of Nrf2 and Correlated Antioxidants Enzymes. <i>Molecules</i> , 2020, 25, 4789.	1.7	5
38	Antioxidant and antibacterial activities of extracts from <i>Conyza bonariensis</i> growing in Yemen. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2015, 28, 129-34.	0.2	5
39	A new coumarin from <i>Daphne pedunculata</i> . <i>Chemistry of Natural Compounds</i> , 2013, 49, 426-427.	0.2	4
40	Biochemical Composition and Sensory Evaluation of Desert Date Flowers (<i>Balanites aegyptiaca</i> Del) Infusion. <i>Current Research in Nutrition and Food Science</i> , 2019, 7, 686-697.	0.3	4
41	Electrophilic thymol isobutyrate from <i>Inula nervosa</i> Wall. (Xiaoheiyao) ameliorates steatosis in HepG2 cells via Nrf2 activation. <i>Journal of Functional Foods</i> , 2022, 88, 104895.	1.6	4
42	Phytochemical studies on <i>Inula hookeri</i> . <i>Chemistry of Natural Compounds</i> , 2013, 49, 121-123.	0.2	1
43	Chemical Constituents of <i>Inula falconeri</i> . <i>Chemistry of Natural Compounds</i> , 2014, 50, 342-343.	0.2	1