

Ai-Qun Jia

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

1,349
citations

331538

21
h-index

360920

35
g-index

54
all docs

54
docs citations

54
times ranked

1576
citing authors

#	ARTICLE	IF	CITATIONS
1	Hordenine: A Novel Quorum Sensing Inhibitor and Antibiofilm Agent against <i>Pseudomonas aeruginosa</i> . Journal of Agricultural and Food Chemistry, 2018, 66, 1620-1628.	2.4	148
2	¹ H NMR based metabolomics approach to study the toxic effects of herbicide butachlor on goldfish (<i>Carassius auratus</i>). Aquatic Toxicology, 2015, 159, 69-80.	1.9	88
3	Anti-Biofilm and Antivirulence Activities of Metabolites from <i>Plectosphaerella cucumerina</i> against <i>Pseudomonas aeruginosa</i> . Frontiers in Microbiology, 2017, 8, 769.	1.5	78
4	Cytotoxic polyphenols against breast tumor cell in <i>Smilax china</i> L.. Journal of Ethnopharmacology, 2010, 130, 460-464.	2.0	64
5	Source, bioaccumulation, degradability and toxicity of triclosan in aquatic environments: A review. Environmental Technology and Innovation, 2022, 25, 102122.	3.0	62
6	Smiglaside A ameliorates LPS-induced acute lung injury by modulating macrophage polarization via AMPK-PPAR β pathway. Biochemical Pharmacology, 2018, 156, 385-395.	2.0	56
7	Phytochemicals from <i>Camellia nitidissima</i> Chi inhibited the formation of advanced glycation end-products by scavenging methylglyoxal. Food Chemistry, 2016, 205, 204-211.	4.2	54
8	¹ H NMR-Based Global Metabolic Studies of <i>Pseudomonas aeruginosa</i> upon Exposure of the Quorum Sensing Inhibitor Resveratrol. Journal of Proteome Research, 2017, 16, 824-830.	1.8	49
9	Can the quorum sensing inhibitor resveratrol function as an aminoglycoside antibiotic accelerant against <i>Pseudomonas aeruginosa</i> ?. International Journal of Antimicrobial Agents, 2018, 52, 35-41.	1.1	46
10	The quorum-sensing inhibiting effects of stilbenoids and their potential structure-activity relationship. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 5217-5220.	1.0	44
11	Cp*Co(iii)-catalyzed amidation of olefinic and aryl C-H bonds: highly selective synthesis of enamides and pyrimidones. Chemical Communications, 2018, 54, 4345-4348.	2.2	42
12	Quorum sensing inhibition and tobramycin acceleration in <i>Chromobacterium violaceum</i> by two natural cinnamic acid derivatives. Applied Microbiology and Biotechnology, 2020, 104, 5025-5037.	1.7	39
13	Inhibition of Quorum Sensing and Virulence in <i>Serratia marcescens</i> by Hordenine. Journal of Agricultural and Food Chemistry, 2019, 67, 784-795.	2.4	38
14	¹ H NMR based metabolomics approach to study the toxic effects of dichlorvos on goldfish (<i>Carassius auratus</i>). Journal of Agricultural and Food Chemistry, 2015, 63, 1020-1026.	4.2	38
15	Inhibiting the formation of advanced glycation end-products by three stilbenes and the identification of their adducts. Food Chemistry, 2019, 295, 10-15.	4.2	33
16	A novel colorimetric and fluorescent probe based on indolium salt for detection of cyanide in 100% aqueous solution. Dyes and Pigments, 2019, 168, 175-179.	2.0	32
17	Nuclear Magnetic Resonance-Based Metabolomics Approach to Evaluate the Prevention Effect of <i>Camellia nitidissima</i> Chi on Colitis-Associated Carcinogenesis. Frontiers in Pharmacology, 2017, 8, 447.	1.6	30
18	The effects of diketopiperazines from <i>Callyspongia</i> sp. on release of cytokines and chemokines in cultured J774A.1 macrophages. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 3177-3180.	1.0	27

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19	The inhibition of advanced glycation end-products by five fractions and three main flavonoids from <i>Camellia nitidissima</i> Chi flowers. <i>Journal of Food and Drug Analysis</i> , 2018, 26, 252-259.	0.9	26
20	Attenuation of <i>Pseudomonas aeruginosa</i> biofilm by hordenine: a combinatorial study with aminoglycoside antibiotics. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 9745-9758.	1.7	25
21	Metabolomic analysis of quorum sensing inhibitor hordenine on <i>Pseudomonas aeruginosa</i> . <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 6271-6285.	1.7	25
22	Antioxidant capacity of phenolics in <i>Camellia nitidissima</i> Chi flowers and their identification by HPLC Triple TOF MS/MS. <i>PLoS ONE</i> , 2018, 13, e0195508.	1.1	23
23	Tumoral cytotoxic and antioxidative phenylpropanoid glycosides in <i>Smilax riparia</i> A. DC. <i>Journal of Ethnopharmacology</i> , 2013, 149, 527-532.	2.0	22
24	Anti-inflammatory activity of 3-cinnamoyltribuloside and its metabolomic analysis in LPS-activated RAW 264.7 cells. <i>BMC Complementary Medicine and Therapies</i> , 2020, 20, 329.	1.2	21
25	Characterization and chemical modification of PLN-1, an exopolysaccharide from <i>Phomopsis liquidambari</i> NJUSTb1. <i>Carbohydrate Polymers</i> , 2021, 253, 117197.	5.1	20
26	Molecular trafficking between bacteria determines the shape of gut microbial community. <i>Gut Microbes</i> , 2021, 13, 1959841.	4.3	20
27	Investigation of interspecies crosstalk between probiotic <i>Bacillus subtilis</i> BR4 and <i>Pseudomonas aeruginosa</i> using metabolomics analysis. <i>Microbial Pathogenesis</i> , 2022, 166, 105542.	1.3	18
28	Growth inhibition and metabolomic analysis of <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> treated with resveratrol. <i>BMC Microbiology</i> , 2020, 20, 117.	1.3	16
29	1-(4-Amino-2-hydroxyphenyl)ethanone from <i>Phomopsis liquidambari</i> showed quorum sensing inhibitory activity against <i>Pseudomonas aeruginosa</i> . <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 341-352.	1.7	15
30	In vivo toxicology of carbon dots by 1H NMR-based metabolomics. <i>Toxicology Research</i> , 2018, 7, 834-847.	0.9	14
31	The antitumor activity screening of chemical constituents from <i>Camellia nitidissima</i> Chi. <i>International Journal of Molecular Medicine</i> , 2018, 41, 2793-2801.	1.8	12
32	<i>Camellia nitidissima</i> Chi Extract Potentiates the Sensitivity of Gastric Cancer Cells to Paclitaxel via the Induction of Autophagy and Apoptosis. <i>OncoTargets and Therapy</i> , 2019, Volume 12, 10811-10825.	1.0	12
33	Inhibitory effect of norharmane on <i>Serratia marcescens</i> NJ01 quorum sensing-mediated virulence factors and biofilm formation. <i>Biofouling</i> , 2021, 37, 145-160.	0.8	12
34	Two new cembrane-type diterpenoids from the xisha soft coral <i>Lemnalia flava</i> . <i>FÄ-toterapÄ-Äç</i> , 2019, 134, 481-484.	1.1	11
35	<i>Bacillus subtilis</i> BR4 derived stigmatellin Y interferes PqsÄPqsR mediated quorum sensing system of <i>Pseudomonas aeruginosa</i> . <i>Journal of Basic Microbiology</i> , 2022, 62, 801-814.	1.8	11
36	(+)- and (Ä)-liriodenol, a pair of novel enantiomeric lignans from <i>Liriodendron hybrid</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 1976-1978.	1.0	9

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37	Glycocerebroside bearing a novel long-chain base from <i>Sagina japonica</i> (Caryophyllaceae). <i>FÃ-toterapÃ-Ãç</i> , 2010, 81, 540-545.	1.1	7
38	1-(4-Amino-2-Hydroxyphenyl)Ethenone Suppresses <i>Agrobacterium tumefaciens</i> Virulence and Metabolism. <i>Frontiers in Microbiology</i> , 2020, 11, 584767.	1.5	7
39	Anti-HIV-1 activities of extracts and phenolics from <i>Smilax china</i> L. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2014, 27, 147-51.	0.2	7
40	2-tert-Butyl-1,4-benzoquinone, a food additive oxidant, reduces virulence factors of <i>Chromobacterium violaceum</i> . <i>LWT - Food Science and Technology</i> , 2022, 163, 113569.	2.5	7
41	Diketopiperazine Modulates <i>Arabidopsis thaliana</i> Root System Architecture by Promoting Interactions of Auxin Receptor TIR1 and IAA7/17 Proteins. <i>Plant and Cell Physiology</i> , 2022, 63, 57-69.	1.5	6
42	Phytochemical constituents of <i>Onosma bracteatum</i> Wall.. <i>Phytochemistry Letters</i> , 2021, 45, 1-5.	0.6	6
43	Quorum sensing inhibition of hordenine analogs on <i>Pseudomonas aeruginosa</i> and <i>Serratia marcescens</i> . <i>Synthetic and Systems Biotechnology</i> , 2021, 6, 360-368.	1.8	6
44	The chemosensitizer ferulic acid enhances epirubicin-induced apoptosis in MDA-MB-231 cells. <i>Journal of Functional Foods</i> , 2020, 73, 104130.	1.6	5
45	Phi(OAc) ₂ -mediated intramolecular oxidative C ⁶ N coupling and detosylative aromatization: an access to indolo[2,3- <i>b</i>]quinolines. <i>RSC Advances</i> , 2021, 11, 17206-17211.	1.7	5
46	Synthesis of Azepinoindoles via Pd-Catalyzed C(sp ²) ² â€H Imidoylative Cyclization Reactions. <i>Journal of Organic Chemistry</i> , 2022, 87, 9663-9674.	1.7	4
47	Sesquiterpenoids and furan derivatives from the <i>Orychophragmus violaceus</i> (L.) O.E. Schulz endophytic fungus <i>Irpex lacteus</i> OV38. <i>Phytochemistry</i> , 2022, 194, 112996.	1.4	3
48	Studies on the phytochemical constituents of <i>Smilax elegantissima</i> Gagnep.. <i>Natural Product Research</i> , 2023, 37, 1365-1371.	1.0	3
49	Chemical Constituents of <i>Smilax riparia</i> and their Tumoral Cytotoxicities. <i>Chemistry of Natural Compounds</i> , 2020, 56, 228-234.	0.2	2
50	Flavonoids and other phenolics from <i>Camellia nitidissima</i> chi flowers. <i>Natural Product Research</i> , 2023, 37, 180-187.	1.0	2
51	Quorum Sensing Inhibition and Metabolic Intervention of 4-Hydroxycinnamic Acid Against <i>Agrobacterium tumefaciens</i> . <i>Frontiers in Microbiology</i> , 2022, 13, 830632.	1.5	1
52	New Sesquiterpenoids From Plant-Associated <i>Irpex lacteus</i> . <i>Frontiers in Chemistry</i> , 2022, 10, .	1.8	1