

You-Zhi Tang

List of Publications by Year in descending order

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46
papers

1,322
citations

393982

19
h-index

360668

35
g-index

46
all docs

46
docs citations

46
times ranked

1439
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasmid-encoded tet(X) genes that confer high-level tigecycline resistance in Escherichia coli. Nature Microbiology, 2019, 4, 1457-1464.	5.9	313
2	Environmental remodeling of human gut microbiota and antibiotic resistome in livestock farms. Nature Communications, 2020, 11, 1427.	5.8	133
3	Pleuromutilin and its Derivatives-The Lead Compounds for Novel Antibiotics. Mini-Reviews in Medicinal Chemistry, 2012, 12, 53-61.	1.1	76
4	Wogonoside displays anti-inflammatory effects through modulating inflammatory mediator expression using RAW264.7 cells. Journal of Ethnopharmacology, 2013, 148, 271-276.	2.0	65
5	Free-Radical-Scavenging Effect of Carbazole Derivatives on DPPH and ABTS Radicals. JAOCS, Journal of the American Oil Chemists' Society, 2007, 84, 1095-1100.	0.8	54
6	Efficiency comparison of apigenin-7-O-glucoside and trolox in antioxidative stress and anti-inflammatory properties. Journal of Pharmacy and Pharmacology, 2020, 72, 1645-1656.	1.2	42
7	Protective effect of icariin on DNA against radical-induced oxidative damage. Journal of Pharmacy and Pharmacology, 2010, 59, 1729-1732.	1.2	40
8	Identification and determination of the saikosaponins in <i>Radix bupleuri</i> by accelerated solvent extraction combined with rapid-resolution LC-MS. Journal of Separation Science, 2010, 33, 1933-1945.	1.3	38
9	Free-radical-scavenging effect of carbazole derivatives on AAPH-induced hemolysis of human erythrocytes. Bioorganic and Medicinal Chemistry, 2007, 15, 1903-1913.	1.4	37
10	Chemical Kinetic Behavior of Chlorogenic Acid in Protecting Erythrocyte and DNA against Radical-Induced Oxidation. Journal of Agricultural and Food Chemistry, 2008, 56, 11025-11029.	2.4	36
11	<i>De Novo</i> Design of Tetranuclear Transition Metal Clusters Stabilized by Hydrogen-Bonded Networks in Helical Bundles. Journal of the American Chemical Society, 2018, 140, 1294-1304.	6.6	32
12	Design, synthesis and antibacterial evaluation of novel pleuromutilin derivatives possessing piperazine linker. European Journal of Medicinal Chemistry, 2017, 127, 286-295.	2.6	31
13	Design, synthesis and biological evaluation of novel pleuromutilin derivatives containing piperazine and 1,2,3-triazole linker. Bioorganic Chemistry, 2020, 105, 104398.	2.0	29
14	Design, synthesis and biological evaluation of novel pleuromutilin derivatives possessing acetamine phenyl linker. European Journal of Medicinal Chemistry, 2019, 181, 111594.	2.6	27
15	Design, synthesis and biological activities of novel pleuromutilin derivatives with a substituted triazole moiety as potent antibacterial agents. European Journal of Medicinal Chemistry, 2020, 204, 112604.	2.6	26
16	Design, synthesis and biological evaluation of pleuromutilin-Schiff base hybrids as potent anti-MRSA agents <i>in vitro</i> and <i>in vivo</i> . European Journal of Medicinal Chemistry, 2021, 223, 113624.	2.6	23
17	Evaluation of the free-radical-scavenging activity of diclofenac acid on the free-radical-induced haemolysis of human erythrocytes. Journal of Pharmacy and Pharmacology, 2010, 58, 625-631.	1.2	22
18	Centimeter-Sized Molecular Perovskite Crystal for Efficient X-Ray Detection. Advanced Functional Materials, 2021, 31, 2100691.	7.8	22

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19	The antioxidant effect of hydroxyl-substituent Schiff bases on the free-radical-induced hemolysis of human erythrocytes. <i>Cell Biochemistry and Function</i> , 2007, 25, 149-158.	1.4	21
20	Quantitative structure-activity relationship of hydroxyl-substituent Schiff bases in radical-induced hemolysis of human erythrocytes. <i>Cell Biochemistry and Function</i> , 2008, 26, 185-191.	1.4	20
21	Exploring <i>N</i> -Arylsulfonyl-proline Scaffold as a Platform for Potent and Selective α 21 Integrin Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , 2016, 7, 902-907.	1.3	19
22	Aesculetin exhibited anti-inflammatory activities through inhibiting NF- κ B and MAPKs pathway in vitro and in vivo. <i>Journal of Ethnopharmacology</i> , 2022, 296, 115489.	2.0	19
23	Inhibition of pro-inflammatory mediators in RAW264.7 cells by 7-hydroxyflavone and 7,8-dihydroxyflavone. <i>Journal of Pharmacy and Pharmacology</i> , 2017, 69, 865-874.	1.2	18
24	Antibacterial Activity and Pharmacokinetic Profile of a Promising Antibacterial Agent: 22-(2-Amino-phenylsulfanyl)-22-Deoxypleuromutilin. <i>Molecules</i> , 2020, 25, 878.	1.7	18
25	Design, synthesis, and structure-activity relationship studies of novel pleuromutilin derivatives having a piperazine ring. <i>Chemical Biology and Drug Design</i> , 2016, 88, 699-709.	1.5	17
26	Synthesis and antibacterial activities of novel pleuromutilin derivatives bearing an aminothiophenol moiety. <i>Chemical Biology and Drug Design</i> , 2018, 92, 1627-1637.	1.5	15
27	Design, synthesis, in vitro and in vivo evaluation against MRSA and molecular docking studies of novel pleuromutilin derivatives bearing 1, 3, 4-oxadiazole linker. <i>Bioorganic Chemistry</i> , 2021, 112, 104956.	2.0	15
28	Lidocaine: An inhibitor in the free-radical-induced hemolysis of erythrocytes. <i>Journal of Biochemical and Molecular Toxicology</i> , 2009, 23, 81-86.	1.4	11
29	Liquid chromatography tandem mass spectrometry for the simultaneous determination of mequindox and its metabolites in porcine tissues. <i>Journal of Separation Science</i> , 2012, 35, 1327-1335.	1.3	11
30	Antioxidant effects of phenothiazine, phenoxazine, and iminostilbene on free-radical-induced oxidation of linoleic acid and DNA. <i>Journal of Physical Organic Chemistry</i> , 2009, 22, 1009-1014.	0.9	10
31	Design, synthesis and biological evaluation of novel pleuromutilin derivatives as potent anti-MRSA agents targeting the 50S ribosome. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 38, 116138.	1.4	10
32	A click chemistry approach to pleuromutilin derivatives, evaluation of anti-MRSA activity and elucidation of binding mode by surface plasmon resonance and molecular docking. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021, 36, 2087-2103.	2.5	10
33	Semisynthetic pleuromutilin antimicrobials with therapeutic potential against methicillin-resistant <i>Staphylococcus aureus</i> by targeting 50S ribosomal subunit. <i>European Journal of Medicinal Chemistry</i> , 2022, 237, 114341.	2.6	9
34	Synthesis and Antibacterial Activity Against MRSA of Pleuromutilin Derivatives Possessing a Mercaptoethylamine Linker. <i>Medicinal Chemistry</i> , 2018, 14, 585-594.	0.7	8
35	Design, synthesis and biological evaluation of novel pleuromutilin derivatives possessing 4-aminothiophenol linker as promising antibacterial agents. <i>Bioorganic Chemistry</i> , 2022, 126, 105859.	2.0	7
36	Insight into the free-radical-scavenging mechanism of hydroxyl-substituent Schiff bases in the free-radical-induced hemolysis of erythrocytes. <i>Cell Biochemistry and Function</i> , 2007, 25, 701-710.	1.4	6

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37	SYNTHESIS AND IN VITRO ANTIBACTERIAL ACTIVITY OF FOUR NOVEL PLEUROMUTILIN DERIVATIVES. <i>Journal of the Chilean Chemical Society</i> , 2013, 58, 1537-1540.	0.5	5
38	Antibacterial Activity of a Promising Antibacterial Agent: 22-(4-(2-(4-Nitrophenyl-piperazin-1-yl)-acetyl)-piperazin-1-yl)-22-deoxypleuromutilin. <i>Molecules</i> , 2021, 26, 3502.	1.7	5
39	Discovery of Novel Pleuromutilin Derivatives as Potent Antibacterial Agents for the Treatment of MRSA Infection. <i>Molecules</i> , 2022, 27, 931.	1.7	5
40	The "double-faced" effect of VC-12 on free-radical-induced haemolysis of human erythrocytes: antioxidant and prooxidant. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 59, 739-743.	1.2	4
41	Rapid detection of the New Delhi metallo- β -lactamase (NDM) gene by recombinase polymerase amplification. <i>Infection, Genetics and Evolution</i> , 2021, 87, 104678.	1.0	4
42	Synergistic Effect of a Pleuromutilin Derivative with Tetracycline against <i>Streptococcus suis</i> In Vitro and in the Neutropenic Thigh Infection Model. <i>Molecules</i> , 2020, 25, 3522.	1.7	3
43	Diclofenac acid: a free radical scavenger to protect DNA against radical-induced oxidation. <i>Drug Development Research</i> , 2009, 70, 520-524.	1.4	2
44	Dual antagonists of $\alpha_5\beta_1/\alpha_v\beta_1$ integrin for airway hyperresponsiveness. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127578.	1.0	2
45	Prooxidant effects of phenothiazine and phenoxazine on erythrocytes in the presence of peroxy radical. <i>Journal of Biochemical and Molecular Toxicology</i> , 2009, 23, 280-286.	1.4	1
46	Design, synthesis, antibacterial activity evaluation and molecular docking study of pleuromutilin derivatives bearing amide side chains. <i>Chemical Biology and Drug Design</i> , 2022, 100, 564-579.	1.5	1