

You-Zhi Tang

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

41
papers

785
citations

15
h-index

27
g-index

46
ext. papers

1,040
ext. citations

5.4
avg, IF

4.11
L-index

#	Paper	IF	Citations
41	Plasmid-encoded tet(X) genes that confer high-level tigecycline resistance in Escherichia coli. <i>Nature Microbiology</i> , 2019 , 4, 1457-1464	26.6	167
40	Pleuromutilin and its derivatives-the lead compounds for novel antibiotics. <i>Mini-Reviews in Medicinal Chemistry</i> , 2012 , 12, 53-61	3.2	58
39	Environmental remodeling of human gut microbiota and antibiotic resistome in livestock farms. <i>Nature Communications</i> , 2020 , 11, 1427	17.4	57
38	Wogonoside displays anti-inflammatory effects through modulating inflammatory mediator expression using RAW264.7 cells. <i>Journal of Ethnopharmacology</i> , 2013 , 148, 271-6	5	54
37	Free-Radical-Scavenging Effect of Carbazole Derivatives on DPPH and ABTS Radicals. <i>JAOCS, Journal of the American Oil Chemists Society</i> , 2007 , 84, 1095-1100	1.8	42
36	Protective effect of icariin on DNA against radical-induced oxidative damage. <i>Journal of Pharmacy and Pharmacology</i> , 2007 , 59, 1729-32	4.8	37
35	Free-radical-scavenging effect of carbazole derivatives on AAPH-induced hemolysis of human erythrocytes. <i>Bioorganic and Medicinal Chemistry</i> , 2007 , 15, 1903-13	3.4	34
34	Identification and determination of the saikosaponins in Radix bupleuri by accelerated solvent extraction combined with rapid-resolution LC-MS. <i>Journal of Separation Science</i> , 2010 , 33, 1933-45	3.4	32
33	Chemical kinetic behavior of chlorogenic acid in protecting erythrocyte and DNA against radical-induced oxidation. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 11025-9	5.7	30
32	De Novo Design of Tetranuclear Transition Metal Clusters Stabilized by Hydrogen-Bonded Networks in Helical Bundles. <i>Journal of the American Chemical Society</i> , 2018 , 140, 1294-1304	16.4	28
31	Design, synthesis and antibacterial evaluation of novel pleuromutilin derivatives possessing piperazine linker. <i>European Journal of Medicinal Chemistry</i> , 2017 , 127, 286-295	6.8	21
30	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, 149-58	4.2	21
29	Evaluation of the free-radical-scavenging activity of diclofenac acid on the free-radical-induced haemolysis of human erythrocytes. <i>Journal of Pharmacy and Pharmacology</i> , 2006 , 58, 625-31	4.8	19
28	Quantitative structure-activity relationship of hydroxyl-substituent Schiff bases in radical-induced hemolysis of human erythrocytes. <i>Cell Biochemistry and Function</i> , 2008 , 26, 185-91	4.2	19
27	Exploring -Arylsulfonyl-L-proline Scaffold as a Platform for Potent and Selective $\alpha_5\beta_1$ Integrin Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , 2016 , 7, 902-907	4.3	17
26	Design, synthesis and biological evaluation of novel pleuromutilin derivatives possessing acetamine phenyl linker. <i>European Journal of Medicinal Chemistry</i> , 2019 , 181, 111594	6.8	14
25	Design, synthesis and biological evaluation of novel pleuromutilin derivatives containing piperazine and 1,2,3-triazole linker. <i>Bioorganic Chemistry</i> , 2020 , 105, 104398	5.1	11

24	Centimeter-Sized Molecular Perovskite Crystal for Efficient X-Ray Detection. <i>Advanced Functional Materials</i> , 2021 , 31, 2100691	15.6	11
23	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	2.9	11
22	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, 1327-35	3.4	10
21	Lidocaine: an inhibitor in the free-radical-induced hemolysis of erythrocytes. <i>Journal of Biochemical and Molecular Toxicology</i> , 2009 , 23, 81-6	3.4	10
20	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	2.1	10
19	Design, synthesis and biological activities of novel pleuromutilin derivatives with a substituted triazole moiety as potent antibacterial agents. <i>European Journal of Medicinal Chemistry</i> , 2020 , 204, 112604	6.8	9
18	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	4.8	8
17	Antibacterial Activity and Pharmacokinetic Profile of a Promising Antibacterial Agent: 22-(2-Amino-phenylsulfanyl)-22-Deoxypleuromutilin. <i>Molecules</i> , 2020 , 25,	4.8	8
16	Efficiency comparison of apigenin-7-O-glucoside and trolox in antioxidative stress and anti-inflammatory properties. <i>Journal of Pharmacy and Pharmacology</i> , 2020 , 72, 1645-1656	4.8	8
15	Synthesis and antibacterial activities of novel pleuromutilin derivatives bearing an aminothiophenol moiety. <i>Chemical Biology and Drug Design</i> , 2018 , 92, 1627-1637	2.9	6
14	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, 701-10	4.2	6
13	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> , 2007 , 59, 739-43	4.8	4
12	Synthesis and Antibacterial Activity Against MRSA of Pleuromutilin Derivatives Possessing a Mercaptoethylamine Linker. <i>Medicinal Chemistry</i> , 2018 , 14, 585-594	1.8	4
11	Design, synthesis and biological evaluation of pleuromutilin-Schiff base hybrids as potent anti-MRSA agents in vitro and in vivo. <i>European Journal of Medicinal Chemistry</i> , 2021 , 223, 113624	6.8	4
10	SYNTHESIS AND IN VITRO ANTIBACTERIAL ACTIVITY OF FOUR NOVEL PLEUROMUTILIN DERIVATIVES. <i>Journal of the Chilean Chemical Society</i> , 2013 , 58, 1537-1540	2.5	3
9	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	5.1	3
8	Diclofenac acid: a free-radical-scavenger to protect DNA against radical-induced oxidation. <i>Drug Development Research</i> , 2009 , 70, 520-524	5.1	2
7	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	5.6	2

6	Dual antagonists of $\alpha_5\beta_1/\alpha_5\beta_3$ integrin for airway hyperresponsiveness. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020 , 30, 127578	2.9	1
5	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	3.4	1
4	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	6.8	1
3	Rapid detection of the New Delhi metallo- β -lactamase (NDM) gene by recombinase polymerase amplification. <i>Infection, Genetics and Evolution</i> , 2021 , 87, 104678	4.5	0
2	Pro-oxidant effects of phenothiazine and phenoxazine on erythrocytes in the presence of peroxy radical. <i>Journal of Biochemical and Molecular Toxicology</i> , 2009 , 23, 280-6	3.4	
1	Design, synthesis and biological evaluation of novel pleuromutilin derivatives possessing 4-aminothiophenol linker as promising antibacterial agents. <i>Bioorganic Chemistry</i> , 2022 , 105859	5.1	