You-Zhi Tang

List of Publications by Year in Descending Order

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	Semisynthetic pleuromutilin antimicrobials with therapeutic potential against methicillin-resistant Staphylococcus aureus by targeting 50S ribosomal subunit.. *European Journal of Medicinal Chemistry*, **2022**, 237, 114341	6.8	1
40	Design, synthesis and biological evaluation of novel pleuromutilin derivatives possessing 4-aminothiophenol linker as promising antibacterial agents. *Bioorganic Chemistry*, **2022**, 105859	5.1	
39	A click chemistry approach to pleuromutilin derivatives, evaluation of anti-MRSA activity and elucidation of binding mode by surface plasmon resonance and molecular docking. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2021**, 36, 2087-2103	5.6	2
38	Centimeter-Sized Molecular Perovskite Crystal for Efficient X-Ray Detection. *Advanced Functional Materials*, **2021**, 31, 2100691	15.6	11
37	Design, synthesis and biological evaluation of novel pleuromutilin derivatives as potent anti-MRSA agents targeting the 50S ribosome. *Bioorganic and Medicinal Chemistry*, **2021**, 38, 116138	3.4	1
36	Design, synthesis, in vitro and in vivo evaluation against MRSA and molecular docking studies of novel pleuromutilin derivatives bearing 1, 3, 4-oxadiazole linker. *Bioorganic Chemistry*, **2021**, 112, 104956	5.1	3
35	Rapid detection of the New Delhi metallo-□lactamase (NDM) gene by recombinase polymerase amplification. *Infection, Genetics and Evolution*, **2021**, 87, 104678	4.5	0
34	Design, synthesis and biological evaluation of pleuromutilin-Schiff base hybrids as potent anti-MRSA agents in□vitro and in□vivo. *European Journal of Medicinal Chemistry*, **2021**, 223, 113624	6.8	4
33	Environmental remodeling of human gut microbiota and antibiotic resistome in livestock farms. *Nature Communications*, **2020**, 11, 1427	17.4	57
32	Antibacterial Activity and Pharmacokinetic Profile of a Promising Antibacterial Agent: 22-(2-Amino-phenylsulfanyl)-22-Deoxypleuromutilin. *Molecules*, **2020**, 25,	4.8	8
31	Dual antagonists of □1/□1 integrin for airway hyperresponsiveness. *Bioorganic and Medicinal Chemistry Letters*, **2020**, 30, 127578	2.9	1
30	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	6.8	9
29	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	4.8	8
28	Design, synthesis and biological evaluation of novel pleuromutilin derivatives containing piperazine and 1,2,3-triazole linker. *Bioorganic Chemistry*, **2020**, 105, 104398	5.1	11
27	Plasmid-encoded tet(X) genes that confer high-level tigecycline resistance in Escherichia coli. *Nature Microbiology*, **2019**, 4, 1457-1464	26.6	167
26	Design, synthesis and biological evaluation of novel pleuromutilin derivatives possessing acetamine phenyl linker. *European Journal of Medicinal Chemistry*, **2019**, 181, 111594	6.8	14
25	De Novo Design of Tetranuclear Transition Metal Clusters Stabilized by Hydrogen-Bonded Networks in Helical Bundles. *Journal of the American Chemical Society*, **2018**, 140, 1294-1304	16.4	28

24	Synthesis and antibacterial activities of novel pleuromutilin derivatives bearing an aminothiophenol moiety. *Chemical Biology and Drug Design*, **2018**, 92, 1627-1637	2.9	6
23	Synthesis and Antibacterial Activity Against MRSA of Pleuromutilin Derivatives Possessing a Mercaptoethylamine Linker. *Medicinal Chemistry*, **2018**, 14, 585-594	1.8	4
22	Design, synthesis and antibacterial evaluation of novel pleuromutilin derivatives possessing piperazine linker. *European Journal of Medicinal Chemistry*, **2017**, 127, 286-295	6.8	21
21	Inhibition of pro-inflammatory mediators in RAW264.7 cells by 7-hydroxyflavone and 7,8-dihydroxyflavone. *Journal of Pharmacy and Pharmacology*, **2017**, 69, 865-874	4.8	8
20	Exploring -Arylsulfonyl-l-proline Scaffold as a Platform for Potent and Selective Integrin Inhibitors. *ACS Medicinal Chemistry Letters*, **2016**, 7, 902-907	4.3	17
19	Design, synthesis, and structure-activity relationship studies of novel pleuromutilin derivatives having a piperazine ring. *Chemical Biology and Drug Design*, **2016**, 88, 699-709	2.9	11
18	Wogonoside displays anti-inflammatory effects through modulating inflammatory mediator expression using RAW264.7 cells. *Journal of Ethnopharmacology*, **2013**, 148, 271-6	5	54
17	SYNTHESIS AND IN VITRO ANTIBACTERIAL ACTIVITY OF FOUR NOVEL PLEUROMUTILIN DERIVATIVES. *Journal of the Chilean Chemical Society*, **2013**, 58, 1537-1540	2.5	3
16	Liquid chromatography tandem mass spectrometry for the simultaneous determination of mequindox and its metabolites in porcine tissues. *Journal of Separation Science*, **2012**, 35, 1327-35	3.4	10
15	Pleuromutilin and its derivatives-the lead compounds for novel antibiotics. *Mini-Reviews in Medicinal Chemistry*, **2012**, 12, 53-61	3.2	58
14	Identification and determination of the saikosaponins in Radix bupleuri by accelerated solvent extraction combined with rapid-resolution LC-MS. *Journal of Separation Science*, **2010**, 33, 1933-45	3.4	32
13	Diclofenac acid: a free-radical-scavenger to protect DNA against radical-induced oxidation. *Drug Development Research*, **2009**, 70, 520-524	5.1	2
12	Lidocaine: an inhibitor in the free-radical-induced hemolysis of erythrocytes. *Journal of Biochemical and Molecular Toxicology*, **2009**, 23, 81-6	3.4	10
11	Pro-oxidant effects of phenothiazine and phenoxazine on erythrocytes in the presence of peroxyl radical. *Journal of Biochemical and Molecular Toxicology*, **2009**, 23, 280-6	3.4	
10	Antioxidant effects of phenothiazine, phenoxazine, and iminostilbene on free-radical-induced oxidation of linoleic acid and DNA. *Journal of Physical Organic Chemistry*, **2009**, 22, 1009-1014	2.1	10
9	Chemical kinetic behavior of chlorogenic acid in protecting erythrocyte and DNA against radical-induced oxidation. *Journal of Agricultural and Food Chemistry*, **2008**, 56, 11025-9	5.7	30
8	Quantitative structure-activity relationship of hydroxyl-substituent Schiff bases in radical-induced hemolysis of human erythrocytes. *Cell Biochemistry and Function*, **2008**, 26, 185-91	4.2	19
7	Protective effect of icariin on DNA against radical-induced oxidative damage. *Journal of Pharmacy and Pharmacology*, **2007**, 59, 1729-32	4.8	37

6	The "double-faced" effect of VC-12 on free-radical-induced haemolysis of human erythrocytes: antioxidant and prooxidant. *Journal of Pharmacy and Pharmacology*, **2007**, 59, 739-43	4.8	4
5	The antioxidant effect of hydroxyl-substituent Schiff bases on the free-radical-induced hemolysis of human erythrocytes. *Cell Biochemistry and Function*, **2007**, 25, 149-58	4.2	21
4	Insight into the free-radical-scavenging mechanism of hydroxyl-substituent Schiff bases in the free-radical-induced hemolysis of erythrocytes. *Cell Biochemistry and Function*, **2007**, 25, 701-10	4.2	6
3	Free-radical-scavenging effect of carbazole derivatives on AAPH-induced hemolysis of human erythrocytes. *Bioorganic and Medicinal Chemistry*, **2007**, 15, 1903-13	3.4	34
2	Free-Radical-Scavenging Effect of Carbazole Derivatives on DPPH and ABTS Radicals. *JAOCS, Journal of the American Oil ChemistsuSociety*, **2007**, 84, 1095-1100	1.8	42
1	Evaluation of the free-radical-scavenging activity of diclofenac acid on the free-radical-induced haemolysis of human erythrocytes. *Journal of Pharmacy and Pharmacology*, **2006**, 58, 625-31	4.8	19