

Yuan-Xin Tian

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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.

61 papers	1,159 citations	18 h-index	31 g-index
64 ext. papers	1,359 ext. citations	5.3 avg, IF	4.06 L-index

#	Paper	IF	Citations
61	Using pseudo-amino acid composition and support vector machine to predict protein structural class. <i>Journal of Theoretical Biology</i> , 2006 , 243, 444-8	2.3	161
60	Predicting protein structural class with pseudo-amino acid composition and support vector machine fusion network. <i>Analytical Biochemistry</i> , 2006 , 357, 116-21	3.1	148
59	Glucose biosensor based on glucose oxidase immobilized in sol-gel chitosan/silica hybrid composite film on Prussian blue modified glass carbon electrode. <i>Analytical and Bioanalytical Chemistry</i> , 2005 , 381, 500-7	4.4	67
58	Network pharmacology-based prediction of the active ingredients and potential targets of Mahuang Fuzi Xixin decoction for application to allergic rhinitis. <i>Journal of Ethnopharmacology</i> , 2015 , 176, 402-12	5	58
57	Pyranocoumarins isolated from <i>Peucedanum praeruptorum</i> Dunn suppress lipopolysaccharide-induced inflammatory response in murine macrophages through inhibition of NF- κ B and STAT3 activation. <i>Inflammation</i> , 2012 , 35, 967-77	5.1	43
56	Novel hapten synthesis for antibody production and development of an enzyme-linked immunosorbent assay for determination of furaltadone metabolite 3-amino-5-morpholinomethyl-2-oxazolidinone (AMOZ). <i>Talanta</i> , 2013 , 103, 306-13	6.2	43
55	Geniposide inhibits high glucose-induced cell adhesion through the NF-kappaB signaling pathway in human umbilical vein endothelial cells. <i>Acta Pharmacologica Sinica</i> , 2010 , 31, 953-62	8	40
54	Mollugin inhibits the inflammatory response in lipopolysaccharide-stimulated RAW264.7 macrophages by blocking the Janus kinase-signal transducers and activators of transcription signaling pathway. <i>Biological and Pharmaceutical Bulletin</i> , 2013 , 36, 399-406	2.3	32
53	Design, synthesis and molecular docking studies of some novel spiro[indoline-3, 4Spiperidine]-2-ones as potential c-Met inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2012 , 50, 370-5	6.8	30
52	Exploring the Natural Piericidins as Anti-Renal Cell Carcinoma Agents Targeting Peroxiredoxin 1. <i>Journal of Medicinal Chemistry</i> , 2019 , 62, 7058-7069	8.3	26
51	Aminopyridyl/Pyrazinyl Spiro[indoline-3,4Spiperidine]-2-ones As Highly Selective and Efficacious c-Met/ALK Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , 2013 , 4, 806-10	4.3	26
50	Praeruptorin D and E attenuate lipopolysaccharide/hydrochloric acid induced acute lung injury in mice. <i>European Journal of Pharmacology</i> , 2013 , 710, 39-48	5.3	26
49	Myrislignan attenuates lipopolysaccharide-induced inflammation reaction in murine macrophage cells through inhibition of NF- κ B signalling pathway activation. <i>Phytotherapy Research</i> , 2012 , 26, 1320-6	6.7	25
48	Design, synthesis, anti-tumor activity, and molecular modeling of quinazoline and pyrido[2,3-d]pyrimidine derivatives targeting epidermal growth factor receptor. <i>European Journal of Medicinal Chemistry</i> , 2016 , 118, 276-89	6.8	25
47	A Small-Molecule Compound Has Anti-influenza A Virus Activity by Acting as a SPB2 Inhibitor". <i>Molecular Pharmaceutics</i> , 2018 , 15, 4110-4120	5.6	23
46	Indazoles as potential c-Met inhibitors: design, synthesis and molecular docking studies. <i>European Journal of Medicinal Chemistry</i> , 2013 , 65, 112-8	6.8	23
45	Molecular modeling application on hapten epitope prediction: an enantioselective immunoassay for ofloxacin optical isomers. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 7804-12	5.7	22

44	Baicalein alleviates hyperuricemia by promoting uric acid excretion and inhibiting xanthine oxidase. <i>Phytomedicine</i> , 2021 , 80, 153374	6.5	21
43	Resveratrol Reactivates Latent HIV through Increasing Histone Acetylation and Activating Heat Shock Factor 1. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 4384-4394	5.7	17
42	Molecular dynamics simulation and free energy calculation studies of kinase inhibitors binding to active and inactive conformations of VEGFR-2. <i>Journal of Molecular Graphics and Modelling</i> , 2015 , 56, 103-12	2.8	17
41	Fluorescence Polarization Immunoassay for Alternaria Mycotoxin Tenuazonic Acid Detection and Molecular Modeling Studies of Antibody Recognition. <i>Food Analytical Methods</i> , 2018 , 11, 2455-2462	3.4	15
40	Methyl-1-hydroxy-2-naphthoate, a novel naphthol derivative, inhibits lipopolysaccharide-induced inflammatory response in macrophages via suppression of NF- κ B, JNK and p38 MAPK pathways. <i>Inflammation Research</i> , 2011 , 60, 851-9	7.2	15
39	Development of polyclonal antibody-based indirect competitive enzyme-linked immunosorbent assay for sodium saccharin residue in food samples. <i>Food Chemistry</i> , 2011 , 126, 815-820	8.5	13
38	Natural tanshinone-like heterocyclic-fused ortho-quinones from regioselective Diels-Alder reaction: synthesis and cytotoxicity evaluation. <i>European Journal of Medicinal Chemistry</i> , 2009 , 44, 3915-21	6.8	13
37	Prediction of protein secondary structure content using support vector machine. <i>Talanta</i> , 2007 , 71, 2069-73	6.3	13
36	N-Substituted Pyrrole Derivative 12m Inhibits HIV-1 Entry by Targeting Gp41 of HIV-1 Envelope Glycoprotein. <i>Frontiers in Pharmacology</i> , 2019 , 10, 859	5.6	12
35	Design and Synthesis of Some Novel 2,3,4,5-Tetrahydro-1H-pyrido[4,3-b]indoles as Potential c-Met Inhibitors. <i>Helvetica Chimica Acta</i> , 2012 , 95, 320-326	2	12
34	Molecular Simulation Studies on the Binding Selectivity of Type-I Inhibitors in the Complexes with ROS1 versus ALK. <i>Journal of Chemical Information and Modeling</i> , 2017 , 57, 977-987	6.1	11
33	High affinity antibody based on a rationally designed hapten and development of a chemiluminescence enzyme immunoassay for quantification of Alternariol in fruit Juice, maize and flour. <i>Food Chemistry</i> , 2019 , 283, 359-366	8.5	11
32	Molecular Dynamics Simulations of Ternary Complexes: Comparisons of LEAFY Protein Binding to Different DNA Motifs. <i>Journal of Chemical Information and Modeling</i> , 2015 , 55, 784-94	6.1	11
31	Design, synthesis, biological evaluation and molecular modeling of novel 2-amino-4-(1-phenylethoxy) pyridine derivatives as potential ROS1 inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2018 , 143, 182-199	6.8	11
30	Indirect Competitive Enzyme-Linked Immunosorbent Assay for Detection of Tylosin in Milk and Water Samples. <i>Chinese Journal of Analytical Chemistry</i> , 2018 , 46, 1275-1281	1.6	11
29	Identification and characterization of a potent and selective inhibitor of human urate transporter 1. <i>Pharmacological Reports</i> , 2017 , 69, 1103-1112	3.9	10
28	Development of an immunochromatographic assay as a screen for detection of total phthalate acid esters in cooking oil. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2018 , 81, 80-88	3.2	10
27	Design Some New Type-I c-met Inhibitors Based on Molecular Docking and Topomer CoMFA Research. <i>Molecular Informatics</i> , 2014 , 33, 536-43	3.8	10

26	Development of a skeleton-specific antibody and Au nanoparticle-based immunochromatographic sensor for simultaneous detection of various tadalafil adulterants in health food. <i>Food and Agricultural Immunology</i> , 2019 , 30, 349-368	2.9	9
25	Probing the Behaviour of Cas1-Cas2 upon Protospacer Binding in CRISPR-Cas Systems using Molecular Dynamics Simulations. <i>Scientific Reports</i> , 2019 , 9, 3188	4.9	9
24	Design, synthesis and biological evaluations of 2-amino-4-(1-piperidine) pyridine derivatives as novel anti crizotinib-resistant ALK/ROS1 dual inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2019 , 179, 358-375	6.8	8
23	Molecular Dynamics Study to Investigate the Dimeric Structure of the Full-Length Eynuclein in Aqueous Solution. <i>Journal of Chemical Information and Modeling</i> , 2017 , 57, 2281-2293	6.1	8
22	Racemates Have Much Higher Solid-State Fluorescence Efficiency than Their Levo- and Dextrorotary Enantiomers. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 25503-25508	3.8	8
21	Pyrrolo[3,2-d]pyrimidine derivatives as type II kinase insert domain receptor (KDR) inhibitors: CoMFA and CoMSIA studies. <i>International Journal of Molecular Sciences</i> , 2012 , 13, 2387-404	6.3	8
20	Structural Insights into the Atomistic Mechanisms of Uric Acid Recognition and Translocation of Human Urate Anion Transporter 1. <i>ACS Omega</i> , 2020 , 5, 33421-33432	3.9	6
19	Design of Novel Haptens and Development of Monoclonal Antibody-Based Immunoassays for the Simultaneous Detection of Tylosin and Tilmicosin in Milk and Water Samples. <i>Biomolecules</i> , 2019 , 9,	5.9	6
18	A gold nanoparticle-based immunochromatographic assay for simultaneous detection of multiplex sildenafil adulterants in health food by only one antibody. <i>Analytica Chimica Acta</i> , 2021 , 1141, 1-12	6.6	6
17	Dihydromyricetin is a new inhibitor of influenza polymerase PB2 subunit and influenza-induced inflammation. <i>Microbes and Infection</i> , 2020 , 22, 254-262	9.3	5
16	Two- and three-dimensional QSAR studies on hURAT1 inhibitors with flexible linkers: topomer CoMFA and HQSAR. <i>Molecular Diversity</i> , 2020 , 24, 141-154	3.1	5
15	Multiple modes of action of myricetin in influenza A virus infection. <i>Phytotherapy Research</i> , 2021 , 35, 2797	6.7	5
14	3D-QSAR and Docking Modeling Study of 1,3,5-Triazine Derivatives as PSII Electron Transport Inhibitor. <i>Asian Journal of Chemistry</i> , 2014 , 26, 264-268	0.4	4
13	Combined 3D-QSAR and Docking Modelling Study on Indolocarbazole Series Compounds as Tie-2 Inhibitors. <i>International Journal of Molecular Sciences</i> , 2011 , 12, 5080-97	6.3	4
12	Development of a chemiluminescence immunoassay for detection of tenuazonic acid mycotoxin in fruit juices with a specific camel polyclonal antibody. <i>Analytical Methods</i> , 2021 , 13, 1795-1802	3.2	4
11	Discovery of [1,2,4]triazolo[4,3-a]pyridines as potent Smoothed inhibitors targeting the Hedgehog pathway with improved antitumor activity in vivo. <i>Bioorganic and Medicinal Chemistry</i> , 2020 , 28, 115584	3.4	3
10	CDER167, a dual inhibitor of URAT1 and GLUT9, is a novel and potent uricosuric candidate for the treatment of hyperuricemia. <i>Acta Pharmacologica Sinica</i> , 2021 ,	8	3
9	The gut microbial metabolite, 3,4-dihydroxyphenylpropionic acid, alleviates hepatic ischemia/reperfusion injury mitigation of macrophage pro-inflammatory activity in mice.. <i>Acta Pharmaceutica Sinica B</i> , 2022 , 12, 182-196	15.5	2

8	Development of Time-Resolved Fluorescence Immunochromatographic Assays for Simultaneously Detecting Tylosin and Tilmicosin in Milk in Group-Screening Manner. <i>Foods</i> , 2021 , 10,	4.9	2
7	Study on Fractal Characteristics of the Coding Sequences in DNA. <i>Chinese Journal of Chemistry</i> , 2006 , 24, 423-429	4.9	1
6	Novel natural scaffold as hURAT1 inhibitor identified by 3D-shape-based, docking-based virtual screening approach and biological evaluation. <i>Bioorganic Chemistry</i> , 2021 , 117, 105444	5.1	1
5	Development of a group-specific antibody-based immunoassay method for simultaneously detecting sildenafil-like adulterants in herbal spirit drinks. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2021 , 38, 892-903	3.2	1
4	Ultrasensitive and rapid colorimetric detection of paraquat via a high specific VHH nanobody.. <i>Biosensors and Bioelectronics</i> , 2022 , 205, 114089	11.8	0
3	Understand the acquired resistance of RTK inhibitors by computational receptor tyrosine kinases network. <i>Computational Biology and Chemistry</i> , 2018 , 76, 275-282	3.6	
2	7,9-Dimethyl-3-phenylnaphtho[1,2-b]furan-4,5-dione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 63, o4125-o4125		
1	A cooperative fast annealing coevolutionary algorithm for protein motif extraction. <i>Science Bulletin</i> , 2007 , 52, 318-323		