

Yuan-Xin Tian

List of Publications by Year in descending order

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62
papers

1,558
citations

361413
20
h-index

330143
37
g-index

64
all docs

64
docs citations

64
times ranked

1829
citing authors

#	ARTICLE	IF	CITATIONS
1	Using pseudo-amino acid composition and support vector machine to predict protein structural class. <i>Journal of Theoretical Biology</i> , 2006, 243, 444-448.	1.7	177
2	Predicting protein structural class with pseudo-amino acid composition and support vector machine fusion network. <i>Analytical Biochemistry</i> , 2006, 357, 116-121.	2.4	162
3	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, 402-412.	4.1	81
4	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, 500-507.	3.7	73
5	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, 967-977.	3.8	56
6	Novel hapten synthesis for antibody production and development of an enzyme-linked immunosorbent assay for determination of furalfadone metabolite 3-amino-5-morpholinomethyl-2-oxazolidinone (AMOZ). <i>Talanta</i> , 2013, 103, 306-313.	5.5	53
7	Baicalein alleviates hyperuricemia by promoting uric acid excretion and inhibiting xanthine oxidase. <i>Phytomedicine</i> , 2021, 80, 153374.	5.3	53
8	Geniposide inhibits high glucose-induced cell adhesion through the NF- κ B signaling pathway in human umbilical vein endothelial cells. <i>Acta Pharmacologica Sinica</i> , 2010, 31, 953-962.	6.1	45
9	Exploring the Natural Piericidins as Anti-Renal Cell Carcinoma Agents Targeting Peroxiredoxin 1. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 7058-7069.	6.4	41
10	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.	1.4	39
11	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, 276-289.	5.5	37
12	Design, synthesis and molecular docking studies of some novel spiro[indoline-3, 4'-piperidine]-2-ones as potential c-Met inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2012, 50, 370-375.	5.5	33
13	Myrissignan Attenuates Lipopolysaccharide-Induced Inflammation Reaction in Murine Macrophage Cells Through Inhibition of NF- κ B Signalling Pathway Activation. <i>Phytotherapy Research</i> , 2012, 26, 1320-1326.	5.8	32
14	A Small-Molecule Compound Has Anti-influenza A Virus Activity by Acting as a α -PB2 Inhibitor. <i>Molecular Pharmaceutics</i> , 2018, 15, 4110-4120.	4.6	32
15	Aminopyridyl/Pyrazinyl Spiro[indoline-3, 4'-piperidine]-2-ones As Highly Selective and Efficacious c-Met/ALK Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , 2013, 4, 806-810.	2.8	31
16	Molecular Modeling Application on Hapten Epitope Prediction: An Enantioselective Immunoassay for Ofloxacin Optical Isomers. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 7804-7812.	5.2	30
17	Praeruptorin D and E attenuate lipopolysaccharide/hydrochloric acid induced acute lung injury in mice. <i>European Journal of Pharmacology</i> , 2013, 710, 39-48.	3.5	29
18	Indazoles as potential c-met inhibitors: Design, synthesis and molecular docking studies. <i>European Journal of Medicinal Chemistry</i> , 2013, 65, 112-118.	5.5	24

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19	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.	5.4	23
20	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.	5.2	22
21	The gut microbial metabolite, 3,4-dihydroxyphenylpropionic acid, alleviates hepatic ischemia/reperfusion injury via mitigation of macrophage pro-inflammatory activity in mice. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 182-196.	12.0	22
22	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.	8.2	20
23	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.	5.5	20
24	Prediction of protein secondary structure content using support vector machine. <i>Talanta</i> , 2007, 71, 2069-2073.	5.5	18
25	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, 103-112.	2.4	18
26	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.	3.5	18
27	Ultrasensitive and rapid colorimetric detection of paraquat via a high specific VHH nanobody. <i>Biosensors and Bioelectronics</i> , 2022, 205, 114089.	10.1	18
28	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, 851-859.	4.0	17
29	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.	8.2	17
30	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.	1.4	17
31	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> , 2022, 43, 121-132.	6.1	17
32	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, 3915-3921.	5.5	16
33	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.	2.6	16
34	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, 770.	4.0	16
35	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, 784-794.	5.4	15
36	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.	2.3	15

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37	Design and Synthesis of Some Novel 2,3,4,5-Tetrahydro-1 <i>H</i> -pyrido[4,3- <i>b</i>]indoles as Potential $\text{c}\text{-}\text{Met}$ Inhibitors. <i>Helvetica Chimica Acta</i> , 2012, 95, 320-326.	1.6	14
38	Identification and characterization of a potent and selective inhibitor of human urate transporter 1. <i>Pharmacological Reports</i> , 2017, 69, 1103-1112.	3.3	14
39	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.	5.4	14
40	Molecular Dynamics Study to Investigate the Dimeric Structure of the Full-Length $\text{A}\beta$ -Synuclein in Aqueous Solution. <i>Journal of Chemical Information and Modeling</i> , 2017, 57, 2281-2293.	5.4	14
41	Multiple modes of action of myricetin in influenza A virus infection. <i>Phytotherapy Research</i> , 2021, 35, 2797-2806.	5.8	14
42	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.	5.5	13
43	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.	3.5	13
44	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.	1.7	12
45	Design Some New Type-I $\text{c}\text{-}\text{met}$ Inhibitors Based on Molecular Docking and Topomer CoMFA Research. <i>Molecular Informatics</i> , 2014, 33, 536-543.	2.5	11
46	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.	3.1	10
47	Probing the Behaviour of Cas1-Cas2 upon Protospacer Binding in CRISPR-Cas Systems using Molecular Dynamics Simulations. <i>Scientific Reports</i> , 2019, 9, 3188.	3.3	10
48	Dihydromyricetin is a new inhibitor of influenza polymerase PB2 subunit and influenza-induced inflammation. <i>Microbes and Infection</i> , 2020, 22, 254-262.	1.9	10
49	Pyrrolo[3,2- <i>d</i>]pyrimidine Derivatives as Type II Kinase Insert Domain Receptor (KDR) Inhibitors: CoMFA and CoMSIA Studies. <i>International Journal of Molecular Sciences</i> , 2012, 13, 2387-2404.	4.1	9
50	Two- and three-dimensional QSAR studies on hURAT1 inhibitors with flexible linkers: topomer CoMFA and HQSAR. <i>Molecular Diversity</i> , 2020, 24, 141-154.	3.9	8
51	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.	2.7	6
52	Development of Time-Resolved Fluorescence Immunochromatographic Assays for Simultaneously Detecting Tylosin and Tilmicosin in Milk in Group-Screening Manner. <i>Foods</i> , 2021, 10, 1838.	4.3	6
53	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.	4.1	6
54	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.	0.3	5

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55	Discovery of [1,2,4]triazolo[4,3-a]pyridines as potent Smoothed inhibitors targeting the Hedgehog pathway with improved antitumor activity in vivo. Bioorganic and Medicinal Chemistry, 2020, 28, 115584.	3.0	5
56	Combined 3D-QSAR and Docking Modelling Study on Indolocarbazole Series Compounds as Tie-2 Inhibitors. International Journal of Molecular Sciences, 2011, 12, 5080-5097.	4.1	4
57	Development of a group-specific antibody-based immunoassay method for simultaneously detecting sildenafil-like adulterants in herbal spirit drinks. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2021, 38, 892-903.	2.3	2
58	Study on Fractal Characteristics of the Coding Sequences in DNA. Chinese Journal of Chemistry, 2006, 24, 423-429.	4.9	1
59	Understand the acquired resistance of RTK inhibitors by computational receptor tyrosine kinases network. Computational Biology and Chemistry, 2018, 76, 275-282.	2.3	1
60	Improved molecular softness of tadalafil hapten enhancing antibody performance in immunoassay: Evidence from computational chemistry. Journal of Food Science, 2022, 87, 1342-1354.	3.1	1
61	7,9-Dimethyl-3-phenylnaphtho[1,2-b]furan-4,5-dione. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o4125-o4125.	0.2	0
62	A cooperative fast annealing coevolutionary algorithm for protein motif extraction. Science Bulletin, 2007, 52, 318-323.	1.7	0