

Yong-Mei Xie

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6182297/publications.pdf>

Version: 2024-02-01

79
papers

1,809
citations

257450

24
h-index

302126

39
g-index

89
all docs

89
docs citations

89
times ranked

3089
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondria-targeted ratiometric fluorescent probe for real time monitoring of pH in living cells. <i>Biomaterials</i> , 2015, 53, 669-678.	11.4	142
2	Novel Tumor-Specific and Mitochondria-Targeted near-Infrared-Emission Fluorescent Probe for SO ₂ Derivatives in Living Cells. <i>ACS Sensors</i> , 2016, 1, 166-172.	7.8	104
3	The extract from <i>Punica granatum</i> (pomegranate) peel induces apoptosis and impairs metastasis in prostate cancer cells. <i>Biomedicine and Pharmacotherapy</i> , 2017, 93, 976-984.	5.6	76
4	The pseudokinase MLKL regulates hepatic insulin sensitivity independently of inflammation. <i>Molecular Metabolism</i> , 2019, 23, 14-23.	6.5	75
5	Inhibition of Stat3 signaling pathway by nifuroxazide improves antitumor immunity and impairs colorectal carcinoma metastasis. <i>Cell Death and Disease</i> , 2018, 8, e2534-e2534.	6.3	72
6	Development of selective mono or dual PROTAC degrader probe of CDK isoforms. <i>European Journal of Medicinal Chemistry</i> , 2020, 187, 111952.	5.5	71
7	Nifuroxazide exerts potent anti-tumor and anti-metastasis activity in melanoma. <i>Scientific Reports</i> , 2016, 6, 20253.	3.3	61
8	Inhibition of FGFR signaling by PD173074 improves antitumor immunity and impairs breast cancer metastasis. <i>Breast Cancer Research and Treatment</i> , 2014, 143, 435-446.	2.5	57
9	Direct construction of novel exo ² -selective spiropyrrolidine bisoxindoles via a three-component 1,3-dipolar cycloaddition reaction. <i>Tetrahedron Letters</i> , 2012, 53, 2336-2340.	1.4	56
10	Calcium phosphate embedded PLGA nanoparticles: A promising gene delivery vector with high gene loading and transfection efficiency. <i>International Journal of Pharmaceutics</i> , 2012, 431, 210-221.	5.2	48
11	Discovery of the first potent proteolysis targeting chimera (PROTAC) degrader of indoleamine 2,3-dioxygenase 1. <i>Acta Pharmaceutica Sinica B</i> , 2020, 10, 1943-1953.	12.0	47
12	A novel carbazole-based mitochondria-targeted ratiometric fluorescent probe for bisulfite in living cells. <i>RSC Advances</i> , 2016, 6, 18662-18666.	3.6	46
13	Betulinic acid impairs metastasis and reduces immunosuppressive cells in breast cancer models. <i>Oncotarget</i> , 2018, 9, 3794-3804.	1.8	45
14	Recent development of poly(ethylene glycol)-cholesterol conjugates as drug delivery systems. <i>International Journal of Pharmaceutics</i> , 2014, 469, 168-178.	5.2	41
15	Rhodamine based pH-sensitive "intelligent" polymers as lysosome targeting probes and their imaging applications in vivo. <i>Polymer Chemistry</i> , 2014, 5, 5804-5812.	3.9	41
16	Lobaplatin induces BGC-823 human gastric carcinoma cell apoptosis via ROS- mitochondrial apoptotic pathway and impairs cell migration and invasion. <i>Biomedicine and Pharmacotherapy</i> , 2016, 83, 1239-1246.	5.6	37
17	Identify a Blood-Brain Barrier Penetrating Drug-TNB using Zebrafish Orthotopic Glioblastoma Xenograft Model. <i>Scientific Reports</i> , 2017, 7, 14372.	3.3	35
18	Synthesis, characterization and targeting chemotherapy for ovarian cancer of trastuzumab-SN-38 conjugates. <i>Journal of Controlled Release</i> , 2015, 220, 5-17.	9.9	30

#	ARTICLE	IF	CITATIONS
19	Lobaplatin arrests cell cycle progression, induces apoptosis and impairs migration and invasion in B16-F10 melanoma cell line in vitro. <i>Biomedicine and Pharmacotherapy</i> , 2015, 69, 402-408.	5.6	29
20	Inhibition of Stat3 Signaling Pathway by Natural Product Pectolarigenin Attenuates Breast Cancer Metastasis. <i>Frontiers in Pharmacology</i> , 2019, 10, 1195.	3.5	28
21	Hinokiflavone induces apoptosis in melanoma cells through the ROS-mitochondrial apoptotic pathway and impairs cell migration and invasion. <i>Biomedicine and Pharmacotherapy</i> , 2018, 103, 101-110.	5.6	27
22	<i>Punica granatum</i> (pomegranate) peel extract exerts potent antitumor and anti-metastasis activity in thyroid cancer. <i>RSC Advances</i> , 2016, 6, 84523-84535.	3.6	26
23	Nicosamide induces apoptosis through mitochondrial intrinsic pathway and inhibits migration and invasion in human thyroid cancer in vitro. <i>Biomedicine and Pharmacotherapy</i> , 2017, 92, 403-411.	5.6	26
24	A hypoxia-specific and mitochondria-targeted anticancer theranostic agent with high selectivity for cancer cells. <i>Journal of Materials Chemistry B</i> , 2018, 6, 2413-2416.	5.8	25
25	R13 preserves motor performance in SOD1 ^{G93A} mice by improving mitochondrial function. <i>Theranostics</i> , 2021, 11, 7294-7307.	10.0	23
26	Paeoniflorin is a promising natural monomer for neurodegenerative diseases via modulation of Ca ²⁺ and ROS homeostasis. <i>Current Opinion in Pharmacology</i> , 2022, 62, 97-102.	3.5	23
27	Molecular engineering of a dual emission near-infrared ratiometric fluorophore for the detection of pH at the organism level. <i>Analyst</i> , 2015, 140, 4608-4615.	3.5	22
28	A Simple and Cost-Effective Method for the Regioselective Deuteration of Phenols. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 3370-3373.	2.4	22
29	Discovery of a Potent GLUT Inhibitor from a Library of Rapafucins by Using 3D Microarrays. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 17158-17162.	13.8	22
30	Cryptotanshinone reverses the epithelial-mesenchymal transformation process and attenuates bleomycin-induced pulmonary fibrosis. <i>Phytotherapy Research</i> , 2020, 34, 2685-2696.	5.8	22
31	Rhodamine-based lysosome-targeted fluorescence probes: high pH sensitivity and their imaging application in living cells. <i>RSC Advances</i> , 2014, 4, 33975-33980.	3.6	20
32	Synthesis, characterization, and antitumor evaluation of the albumin-SN38 conjugate. <i>Anti-Cancer Drugs</i> , 2013, 24, 270-277.	1.4	19
33	Facile Synthesis of Functionalized Spiropyrrrolizidine Oxindoles via a Three-Component Tandem Cycloaddition Reaction. <i>Molecules</i> , 2011, 16, 8745-8757.	3.8	18
34	Nifuroxazide ameliorates pulmonary fibrosis by blocking myofibroblast genesis: a drug repurposing study. <i>Respiratory Research</i> , 2022, 23, 32.	3.6	18
35	Nifuroxazide induces apoptosis, inhibits cell migration and invasion in osteosarcoma. <i>Investigational New Drugs</i> , 2019, 37, 1006-1013.	2.6	17
36	Antitumor activity in colorectal cancer induced by hinokiflavone. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2019, 34, 1571-1580.	2.8	17

#	ARTICLE	IF	CITATIONS
37	Adjuvant celecoxib and lanreotide following transarterial chemoembolisation for unresectable hepatocellular carcinoma: a randomized pilot study. <i>Oncotarget</i> , 2017, 8, 48303-48312.	1.8	17
38	A single design strategy for dual sensitive pH probe with a suitable range to map pH in living cells. <i>Scientific Reports</i> , 2015, 5, 15540.	3.3	16
39	Multifunctional gold nanoparticles as smart nanovehicles with enhanced tumour-targeting abilities for intracellular pH mapping and <i>in vivo</i> MR/fluorescence imaging. <i>Nanoscale</i> , 2020, 12, 2002-2010.	5.6	16
40	Biodegradable polymeric micelles encapsulated JK184 suppress tumor growth through inhibiting Hedgehog signaling pathway. <i>Nanoscale</i> , 2015, 7, 2609-2624.	5.6	15
41	Gastroprotective effects of several H2RAs on ibuprofen-induced gastric ulcer in rats. <i>Life Sciences</i> , 2016, 149, 65-71.	4.3	15
42	A pyridine-Si-rhodamine-based near-infrared fluorescent probe for visualizing reactive oxygen species in living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 246, 118927.	3.9	14
43	Intestinal ischemia-reperfusion of macaques triggers a strong innate immune response. <i>World Journal of Gastroenterology</i> , 2014, 20, 15327.	3.3	13
44	Novel mitochondria-targeted, nitrogen mustard-based DNA alkylation agents with near infrared fluorescence emission. <i>Talanta</i> , 2016, 161, 888-893.	5.5	13
45	Reduced thiamine binding is a novel mechanism for TPK deficiency disorder. <i>Molecular Genetics and Genomics</i> , 2019, 294, 409-416.	2.1	12
46	A Convenient and Efficient Synthesis of Dipeptidyl Benzoxaboroles and Their Peptidomimetics. <i>Synthesis</i> , 2013, 45, 2843-2852.	2.3	11
47	Applying an innovative biodegradable self-assembly nanomicelles to deliver \pm -mangostin for improving anti-melanoma activity. <i>Cell Death and Disease</i> , 2019, 10, 146.	6.3	11
48	Determination of the Enantiomeric Purity of Trelagliptin by Pre-Column Derivatization and Liquid Chromatography on a Chiral Stationary Phase. <i>Chromatographia</i> , 2015, 78, 1395-1400.	1.3	10
49	Emerging targets and potential therapeutic agents in non-alcoholic fatty liver disease treatment. <i>European Journal of Medicinal Chemistry</i> , 2020, 197, 112311.	5.5	10
50	Synthesis and Biological Evaluation of Novel Acenaphthene Derivatives as Potential Antitumor Agents. <i>Molecules</i> , 2011, 16, 2519-2526.	3.8	10
51	Mitochondriomics reveals the underlying neuroprotective mechanism of TrkB receptor agonist R13 in the 5 α -FAD mice. <i>Neuropharmacology</i> , 2022, 204, 108899.	4.1	9
52	Synthesis and biological evaluation of novel benzamide derivatives as potent smoothed antagonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 1426-1431.	2.2	8
53	Preparative isolation and purification of anti-tumor agent ansamitocin β from fermentation broth of <i>Actinosynnema pretiosum</i> using high-performance counter-current chromatography. <i>Journal of Separation Science</i> , 2010, 33, 1331-1337.	2.5	7
54	Antitumor effects of MsurvivinT34 α -CaPi complex-embedded PLGA nanoparticles in combination with Doxil in mice. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	1.9	7

#	ARTICLE	IF	CITATIONS
55	Niclosamide induces colorectal cancer apoptosis, impairs metastasis and reduces immunosuppressive cells in vivo. <i>RSC Advances</i> , 2016, 6, 106019-106030.	3.6	7
56	Novel mitochondria-targeted and fluorescent DNA alkylation agents with highly selective activity against cancer cells. <i>Dyes and Pigments</i> , 2019, 170, 107610.	3.7	7
57	Identification of Glycine Receptor $\hat{\pm}3$ as a Colchicine-Binding Protein. <i>Frontiers in Pharmacology</i> , 2018, 9, 1238.	3.5	6
58	A Novel NIR Fluorescent Probe for Highly Selective Detection of Nitroreductase and Hypoxic-Tumor-Cell Imaging. <i>Molecules</i> , 2021, 26, 4425.	3.8	6
59	Dietary multivalent anti- <i>Helicobacter pylori</i> immunoglobulin Y significantly increase the <i>H. pylori</i> eradication and improve the clinical symptoms in patients. <i>Helicobacter</i> , 2021, 26, e12843.	3.5	6
60	Facile synthesis of novel tetrasubstituted 1-pyrazolines from Baylis-Hillman adducts and acyl diazomethanes. <i>Tetrahedron Letters</i> , 2013, 54, 3846-3850.	1.4	5
61	Variations in NAG-1 expression of human gastric carcinoma and normal gastric tissues. <i>Experimental and Therapeutic Medicine</i> , 2014, 7, 241-245.	1.8	5
62	Discovery of a Potent GLUT Inhibitor from a Library of Rapafucins by Using 3D Microarrays. <i>Angewandte Chemie</i> , 2019, 131, 17318-17322.	2.0	5
63	Efficient and mild one-pot synthesis of (E)-8-arylidene-5,6,7,8-tetrahydrospiro[oxindole-3,4-pyrano[3,2-c]pyridin] derivatives with potential antitumor activity. <i>Arabian Journal of Chemistry</i> , 2019, 12, 1918-1924.		5
64	Design and biological evaluation of tetrahydropyridine derivatives as novel human GPR119 agonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 126855.	2.2	5
65	The Tetramethylpyrazine Derivative Statmp-151: A Novel Small Molecule Stat3 Inhibitor With Promising Activity Against Breast Cancer. <i>Frontiers in Pharmacology</i> , 2021, 12, 651976.	3.5	5
66	Identification of Hub lncRNAs Along With lncRNA-miRNA-mRNA Network for Effective Diagnosis and Prognosis of Papillary Thyroid Cancer. <i>Frontiers in Pharmacology</i> , 2021, 12, 748867.	3.5	5
67	Pyrrolidine-Mediated Direct Preparation of (E)-Monoarylidene Derivatives of Homo- and Heterocyclic Ketones with Various Aldehydes. <i>Molecules</i> , 2014, 19, 1976-1989.	3.8	4
68	Action Mechanism Underlying Improvement Effect of Fuzi Lizhong Decoction on Nonalcoholic Fatty Liver Disease: A Study Based on Network Pharmacology and Molecular Docking. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-15.	1.2	4
69	A Rapid and Sensitive LC Method for Determination of Diastereomeric Purity of Tenofovir Alafenamide. <i>Chromatographia</i> , 2014, 77, 1399-1403.	1.3	3
70	Novel lysosome-targeted anticancer fluorescent agents used in zebrafish and nude mouse tumour imaging. <i>Frontiers of Chemical Science and Engineering</i> , 0, , 1.	4.4	3
71	Determination of Enantiomeric Purity of GSK962040 Based on Liquid Chromatography Using Chiral Stationary Phase Combined with a Pre-column Derivatization Procedure. <i>Chromatographia</i> , 2017, 80, 1257-1262.	1.3	2
72	Correction: A hypoxia-specific and mitochondria-targeted anticancer theranostic agent with high selectivity for cancer cells. <i>Journal of Materials Chemistry B</i> , 2018, 6, 4385-4385.	5.8	2

#	ARTICLE	IF	CITATIONS
73	SIS3, a good candidate for the reverse of type 2 diabetes mellitus in mice. <i>Fundamental and Clinical Pharmacology</i> , 2021, 35, 389-396.	1.9	2
74	Comprehensive characterization of pathological stage-related genes of papillary thyroid cancer along with survival prediction. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 8390-8404.	3.6	2
75	Recombinant human erythropoietin ameliorates cognitive dysfunction of APP/PS1 mice by attenuating neuron apoptosis via HSP90 α . <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, 149.	17.1	2
76	Collagenous colitis in a child induced by chronic respiratory allergy. <i>Medicine (United States)</i> , 2020, 99, e21920.	1.0	1
77	Successful endoscopic submucosal dissection of a large juvenile polyp in the stomach of an infant. <i>Endoscopy</i> , 2020, 53, E376-E377.	1.8	1
78	BET family protein degraders poised to join the senolytic arsenal. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 88.	17.1	1
79	Design, Synthesis, and Biological Evaluation of Novel Pyrrolo [2,3-b] Pyridine Derivatives for Nonalcoholic Fatty Liver Disease. <i>Journal of Chemistry</i> , 2022, 2022, 1-12.	1.9	0