

# Yifei Wang

## List of Publications by Year in descending order

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87  
papers

2,406  
citations

186265  
28  
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254184  
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87  
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87  
docs citations

87  
times ranked

4151  
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective Autophagy Regulates Cell Cycle in Cancer Therapy. <i>Theranostics</i> , 2019, 9, 104-125.	10.0	159
2	Epidermal Growth Factor Receptor-PI3K Signaling Controls Cofilin Activity To Facilitate Herpes Simplex Virus 1 Entry into Neuronal Cells. <i>MBio</i> , 2014, 5, e00958-13.	4.1	98
3	A comprehensive investigation of the mRNA and protein level of ACE2, the putative receptor of SARS-CoV-2, in human tissues and blood cells. <i>International Journal of Medical Sciences</i> , 2020, 17, 1522-1531.	2.5	92
4	The Gut-Microglia Connection: Implications for Central Nervous System Diseases. <i>Frontiers in Immunology</i> , 2018, 9, 2325.	4.8	89
5	Inhibition of autophagosome-lysosome fusion by ginsenoside Ro via the ESR2-NCF1-ROS pathway sensitizes esophageal cancer cells to 5-fluorouracil-induced cell death via the CHEK1-mediated DNA damage checkpoint. <i>Autophagy</i> , 2016, 12, 1593-1613.	9.1	83
6	Viruses exploit the function of epidermal growth factor receptor. <i>Reviews in Medical Virology</i> , 2014, 24, 274-286.	8.3	80
7	Nutritional and Chemical Composition and Antiviral Activity of Cultivated Seaweed <i>Sargassum naozhouense</i> Tseng et Lu. <i>Marine Drugs</i> , 2013, 11, 20-32.	4.6	79
8	HSP90: a promising broad-spectrum antiviral drug target. <i>Archives of Virology</i> , 2017, 162, 3269-3282.	2.1	71
9	<i>In vitro</i> Anti-Herpes Simplex Virus Activity of 1,2,4,6-Tetra-O-galloyl- $\alpha$ -D-glucose from <i>Phyllanthus emblica</i> L. (Euphorbiaceae). <i>Phytotherapy Research</i> , 2011, 25, 975-982.	5.8	68
10	Cofilin 1-Mediated Biphasic F-Actin Dynamics of Neuronal Cells Affect Herpes Simplex Virus 1 Infection and Replication. <i>Journal of Virology</i> , 2012, 86, 8440-8451.	3.4	56
11	Amentoflavone Inhibits HSV-1 and ACV-Resistant Strain Infection by Suppressing Viral Early Infection. <i>Viruses</i> , 2019, 11, 466.	3.3	54
12	Proteomics analysis of autophagy-deficient Atg7 <sup>-/-</sup> MEFs reveals a close relationship between F-actin and autophagy. <i>Biochemical and Biophysical Research Communications</i> , 2013, 437, 482-488.	2.1	51
13	Prenatal levonorgestrel exposure induces autism-like behavior in offspring through ER $\alpha$ suppression in the amygdala. <i>Molecular Autism</i> , 2017, 8, 46.	4.9	48
14	Soluplus/TPGS mixed micelles for dioscin delivery in cancer therapy. <i>Drug Development and Industrial Pharmacy</i> , 2017, 43, 1197-1204.	2.0	46
15	O-acylation of chitosan nanofibers by short-chain and long-chain fatty acids. <i>Carbohydrate Polymers</i> , 2017, 177, 203-209.	10.2	45
16	Heat-Shock Protein 90 Promotes Nuclear Transport of Herpes Simplex Virus 1 Capsid Protein by Interacting with Acetylated Tubulin. <i>PLoS ONE</i> , 2014, 9, e99425.	2.5	43
17	Resveratrol ameliorates prenatal progesterin exposure-induced autism-like behavior through ER $\alpha$ activation. <i>Molecular Autism</i> , 2018, 9, 43.	4.9	42
18	SIRT1-mediated ER $\alpha$ suppression in the endothelium contributes to vascular aging. <i>Aging Cell</i> , 2016, 15, 1092-1102.	6.7	40

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19	Autophagy is involved in regulating influenza A virus RNA and protein synthesis associated with both modulation of Hsp90 induction and mTOR/p70S6K signaling pathway. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 72, 100-108.	2.8	40
20	The Hsp90 inhibitor SNX-2112, induces apoptosis in multidrug resistant K562/ADR cells through suppression of Akt/NF- $\kappa$ B and disruption of mitochondria-dependent pathways. <i>Chemico-Biological Interactions</i> , 2013, 205, 1-10.	4.0	37
21	Inhibition of herpes simplex virus type 1 entry by chloride channel inhibitors tamoxifen and NPPB. <i>Biochemical and Biophysical Research Communications</i> , 2014, 446, 990-996.	2.1	37
22	Nanofibrous asymmetric membranes self-organized from chemically heterogeneous electrospun mats for skin tissue engineering. <i>Biomedical Materials (Bristol)</i> , 2016, 11, 035019.	3.3	36
23	Soluble cytoplasmic expression, rapid purification, and characterization of cyanovirin-N as a His-SUMO fusion. <i>Applied Microbiology and Biotechnology</i> , 2010, 85, 1051-1060.	3.6	35
24	Cepharanthine hydrochloride reverses the mdr1 (P-glycoprotein)-mediated esophageal squamous cell carcinoma cell cisplatin resistance through JNK and p53 signals. <i>Oncotarget</i> , 2017, 8, 111144-111160.	1.8	35
25	The Hsp90 inhibitor SNX-2112 induces apoptosis of human hepatocellular carcinoma cells: The role of ER stress. <i>Biochemical and Biophysical Research Communications</i> , 2014, 446, 160-166.	2.1	30
26	Heat-shock protein 90 $\alpha$ is involved in maintaining the stability of VP16 and VP16-mediated transactivation of $\beta$ genes from $\alpha$ herpes simplex virus-1. <i>Molecular Medicine</i> , 2018, 24, 65.	4.4	30
27	Cepharanthine Hydrochloride Improves Cisplatin Chemotherapy and Enhances Immunity by Regulating Intestinal Microbes in Mice. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 225.	3.9	30
28	Roles of HSV-1 infection-induced microglial immune responses in CNS diseases: friends or foes?. <i>Critical Reviews in Microbiology</i> , 2019, 45, 581-594.	6.1	29
29	AT-533, a Hsp90 inhibitor, attenuates HSV-1-induced inflammation. <i>Biochemical Pharmacology</i> , 2019, 166, 82-92.	4.4	29
30	Hsp90 Inhibitor SNX-2112 Enhances TRAIL-Induced Apoptosis of Human Cervical Cancer Cells via the ROS-Mediated JNK-p53-Autophagy-DR5 Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-26.	4.0	28
31	Single-cell RNA-sequencing analysis identifies host long noncoding RNA MAMDC2-AS1 as a co-factor for HSV-1 nuclear transport. <i>International Journal of Biological Sciences</i> , 2020, 16, 1586-1603.	6.4	27
32	Cellular defence or viral assist: the dilemma of HDAC6. <i>Journal of General Virology</i> , 2017, 98, 322-337.	2.9	27
33	Polyhydroxy Steroids and Saponins from China Sea Starfish <i>Asterina pectinifera</i> and Their Biological Activities. <i>Chemical and Pharmaceutical Bulletin</i> , 2010, 58, 856-858.	1.3	26
34	A hydrostable anionic zinc-organic framework carrier with a $\text{bcu}$ topology for drug delivery. <i>CrystEngComm</i> , 2017, 19, 5244-5250.	2.6	26
35	Sulforaphane Inhibits Autophagy and Induces Exosome-Mediated Paracrine Senescence via Regulating mTOR/TFE3. <i>Molecular Nutrition and Food Research</i> , 2020, 64, e1901231.	3.3	26
36	Metabolite elucidation of the Hsp90 inhibitor SNX-2112 using ultraperformance liquid chromatography/quadrupole time-of-flight mass spectrometry (UPLC-QTOF/MS). <i>Xenobiotica</i> , 2014, 44, 455-464.	1.1	25

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37	Dynamic and Hierarchically Structured Networks with Tissue-like Mechanical Behavior. <i>ACS Nano</i> , 2019, 13, 10727-10736.	14.6	24
38	Elucidating the in vivo fate of nanocrystals using a physiologically based pharmacokinetic model: a case study with the anticancer agent SNX-2112. <i>International Journal of Nanomedicine</i> , 2015, 10, 2521.	6.7	23
39	Cytotoxic ent-Abietane-type diterpenoids from the roots of <i>Euphorbia ebracteolata</i> . <i>Bioorganic Chemistry</i> , 2018, 81, 93-97.	4.1	22
40	Gyenoside L, Isolated from <i>Gynostemma pentaphyllum</i> , Induces Cytoplasmic Vacuolation Death in Hepatocellular Carcinoma Cells through Reactive-Oxygen-Species-Mediated Unfolded Protein Response. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 1702-1711.	5.2	21
41	Anti-HSV Activity of Kuwanon X from Mulberry Leaves with Genes Expression Inhibitory and HSV-1 Induced NF- $\kappa$ B Deactivated Properties. <i>Biological and Pharmaceutical Bulletin</i> , 2016, 39, 1667-1674.	1.4	21
42	Silencing Herpes Simplex Virus Type 1 Capsid Protein Encoding Genes by siRNA: A Promising Antiviral Therapeutic Approach. <i>PLoS ONE</i> , 2014, 9, e96623.	2.5	21
43	Gyenoside L inhibits autophagic flux and induces cell death in human esophageal cancer cells through endoplasmic reticulum stress-mediated Ca <sup>2+</sup> release. <i>Oncotarget</i> , 2016, 7, 47387-47402.	1.8	21
44	Posttranslational modification and beyond: interplay between histone deacetylase 6 and heat-shock protein 90. <i>Molecular Medicine</i> , 2021, 27, 110.	4.4	20
45	A novel LC-MS/MS assay for the simultaneous determination of melatonin and its two major metabolites, 6-hydroxymelatonin and 6-sulfatoxymelatonin in dog plasma: Application to a pharmacokinetic study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 117, 390-397.	2.8	19
46	Bre Enhances Osteoblastic Differentiation by Promoting the Mdm2-Mediated Degradation of p53. <i>Stem Cells</i> , 2017, 35, 1760-1772.	3.2	19
47	Cofilin-1 is involved in regulation of actin reorganization during influenza A virus assembly and budding. <i>Biochemical and Biophysical Research Communications</i> , 2014, 453, 821-825.	2.1	18
48	Inhibition of heat shock protein 90 suppresses squamous carcinogenic progression in a mouse model of esophageal cancer. <i>Journal of Cancer Research and Clinical Oncology</i> , 2015, 141, 1405-1416.	2.5	18
49	Pentagalloylglucose Blocks the Nuclear Transport and the Process of Nucleocapsid Egress to Inhibit HSV-1 Infection. <i>Japanese Journal of Infectious Diseases</i> , 2016, 69, 135-142.	1.2	18
50	Viral UL8 Is Involved in the Antiviral Activity of Oleanolic Acid Against HSV-1 Infection. <i>Frontiers in Microbiology</i> , 2021, 12, 689607.	3.5	18
51	Pathogenic microbes manipulate cofilin activity to subvert actin cytoskeleton. <i>Critical Reviews in Microbiology</i> , 2015, 42, 1-19.	6.1	17
52	Hsp90 inhibitor AT-533 blocks HSV-1 nuclear egress and assembly. <i>Journal of Biochemistry</i> , 2018, 164, 397-406.	1.7	17
53	BJ-B11, an Hsp90 Inhibitor, Constrains the Proliferation and Invasion of Breast Cancer Cells. <i>Frontiers in Oncology</i> , 2019, 9, 1447.	2.8	17
54	<p><math>\beta</math>-Glucan Nanoparticles for Synergistic Delivery of Doxorubicin and Immune Potentiation</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 5083-5095.	6.7	17

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55	Anti-herpes simplex virus activity of polysaccharides from <i>Eucheuma gelatinae</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2015, 31, 453-460.	3.6	15
56	Dysregulation of cofilin-1 activity—the missing link between herpes simplex virus type-1 infection and Alzheimer's disease. <i>Critical Reviews in Microbiology</i> , 2020, 46, 381-396.	6.1	15
57	Preparation of monoPEGylated Cyanovirin-N™s derivative and its anti-influenza A virus bioactivity <i>in vitro</i> and <i>in vivo</i> . <i>Journal of Biochemistry</i> , 2015, 157, 539-548.	1.7	14
58	Linker-Extended Native Cyanovirin-N Facilitates PEGylation and Potently Inhibits HIV-1 by Targeting the Glycan Ligand. <i>PLoS ONE</i> , 2014, 9, e86455.	2.5	14
59	Metabolomics-driven of relationships among kidney, bone marrow and bone of rats with postmenopausal osteoporosis. <i>Bone</i> , 2022, 156, 116306.	2.9	14
60	The study of human serum metabolome on the health effects of glyphosate and early warning of potential damage. <i>Chemosphere</i> , 2022, 298, 134308.	8.2	14
61	Self-Assembly of Core-Shell Corona $\beta$ -Glucan into Stiff and Metalizable Nanostructures from 1D to 3D. <i>ACS Nano</i> , 2018, 12, 10545-10553.	14.6	12
62	Combination of betulinic acid and chidamide synergistically inhibits Epstein-Barr virus replication through over-generation of reactive oxygen species. <i>Oncotarget</i> , 2017, 8, 61646-61661.	1.8	12
63	Calcium-signal facilitates herpes simplex virus type 1 nuclear transport through slingshot 1 and calpain-1 activation. <i>Virus Research</i> , 2014, 188, 32-37.	2.2	11
64	A novel strategy based on targeted cellular metabolomics for quantitatively evaluating anti-aging effect and screening effective extracts of Erzhi Wan. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1178, 122857.	2.3	11
65	NOX2-Mediated TFEB Activation and Vacuolization Regulate Lysosome-Associated Cell Death Induced by Cypenoside L, a Saponin Isolated from <i>Cynostemma pentaphyllum</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 6625-6637.	5.2	10
66	Capsaicin metabolites and GSH-associated detoxification and biotransformation pathways in human liver microsomes revealed by LC-HRMS/MS with data-mining tools. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1133, 121843.	2.3	10
67	Ubiquitin-proteasome-dependent slingshot 1 downregulation in neuronal cells inactivates cofilin to facilitate HSV-1 replication. <i>Virology</i> , 2014, 449, 88-95.	2.4	9
68	Comparative effects of SNX-7081 and SNX-2112 on cell cycle, apoptosis and Hsp90 client proteins in human cancer cells. <i>Oncology Reports</i> , 2015, 33, 230-238.	2.6	9
69	Combination of SNX-2112 with 5-FU exhibits antagonistic effect in esophageal cancer cells. <i>International Journal of Oncology</i> , 2015, 46, 299-307.	3.3	9
70	A novel lncRNA linc-AhRA negatively regulates innate antiviral response in murine microglia upon neurotropic herpesvirus infection. <i>Theranostics</i> , 2021, 11, 9623-9651.	10.0	9
71	Identification of UDP-glucuronosyltransferases 1A1, 1A3 and 2B15 as the main contributors to glucuronidation of bakuchiol, a natural biologically active compound. <i>Xenobiotica</i> , 2017, 47, 369-375.	1.1	8
72	The complete chloroplast genome provides insight into the polymorphism and adaptive evolution of <i>Garcinia paucinervis</i> . <i>Biotechnology and Biotechnological Equipment</i> , 2021, 35, 377-391.	1.3	8

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73	Metabolism elucidation of BJ-B11 (a heat shock protein 90 inhibitor) by human liver microsomes: identification of main contributing enzymes. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2015, 11, 1029-1040.	3.3	7
74	Ebracpenes A and B, Unusual Ring C- <i>seco</i> and Ring D-aromatic Nor-Triterpenoids, from <i>Euphorbia ebracteolata</i> and Lipase Inhibitory Evaluation. <i>Journal of Organic Chemistry</i> , 2019, 84, 1624-1629.	3.2	7
75	2D Strategy for the Construction of an Enzyme-Activated NIR Fluorophore Suitable for the Visual Sensing and Profiling of Homologous Nitroreductases from Various Bacterial Species. <i>ACS Sensors</i> , 2021, 6, 3348-3356.	7.8	7
76	Hsp90 Inhibitors Inhibit the Entry of Herpes Simplex Virus 1 Into Neuron Cells by Regulating Cofilin-Mediated F-Actin Reorganization. <i>Frontiers in Microbiology</i> , 2021, 12, 799890.	3.5	7
77	Cepharanthine hydrochloride degrades polyglutamine-expanded androgen receptor proteins through an autophagy pathway in neuron cells. <i>European Journal of Pharmacology</i> , 2019, 861, 172534.	3.5	4
78	Hsp90 Inhibitors Prevent HSV-1 Replication by Directly Targeting UL42-Hsp90 Complex. <i>Frontiers in Microbiology</i> , 2021, 12, 797279.	3.5	4
79	Laminarin acetyl esters: Synthesis, conformational analysis and anti-viral effects. <i>International Journal of Biological Macromolecules</i> , 2022, 216, 528-536.	7.5	4
80	Could targeting the heat shock protein 90 revolutionize antiviral therapy?. <i>Future Virology</i> , 2018, 13, 119-127.	1.8	3
81	MAMDC2, a gene highly expressed in microglia in experimental models of Alzheimers Disease, positively regulates the innate antiviral response during neurotropic virus infection. <i>Journal of Infection</i> , 2022, 84, 187-204.	3.3	3
82	A New 2D Europium(III) Coordination Polymer Based on 4-Bromoisophthalate Ligand: Synthesis, X-ray Structure, Luminescent and Magnetic Properties. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2017, 27, 1514-1520.	3.7	2
83	Subacute toxicological evaluation of AT-533 and AT-533 gel in Sprague-Dawley rats. <i>Experimental and Therapeutic Medicine</i> , 2021, 21, 632.	1.8	2
84	The Effects of AT-533 and AT-533 gel on Liver Cytochrome P450 Enzymes in Rats. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2022, 47, 345-352.	1.6	2
85	PGC impairs herpes simplex virus type 1 infection via blocking capsid assembly. <i>Future Virology</i> , 2018, 13, 17-32.	1.8	1
86	Oleanolic Acid Derivative AXX-18 Exerts Antiviral Activity by Inhibiting the Expression of HSV-1 Viral Genes UL8 and UL52. <i>Viruses</i> , 2022, 14, 1287.	3.3	1
87	Characterization of the complete chloroplast genome of <i>Rohdea wattii</i> (Asparagaceae). <i>Mitochondrial DNA Part B: Resources</i> , 2021, 6, 2754-2756.	0.4	0