

Jun Zhou

List of Publications by Year in descending order

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253
papers

8,429
citations

50276

46
h-index

74163

75
g-index

255
all docs

255
docs citations

255
times ranked

10928
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeting Microtubules for Cancer Chemotherapy. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2005, 5, 65-71.	7.0	374
2	Parkin Ubiquitinates Drp1 for Proteasome-dependent Degradation. <i>Journal of Biological Chemistry</i> , 2011, 286, 11649-11658.	3.4	310
3	Hollow mesoporous silica nanoparticles facilitated drug delivery via cascade pH stimuli in tumor microenvironment for tumor therapy. <i>Biomaterials</i> , 2016, 83, 51-65.	11.4	240
4	Reactive Oxygen Species-Induced Actin Glutathionylation Controls Actin Dynamics in Neutrophils. <i>Immunity</i> , 2012, 37, 1037-1049.	14.3	174
5	Microtubule-interacting drugs for cancer treatment. <i>Trends in Pharmacological Sciences</i> , 2003, 24, 361-365.	8.7	164
6	Brominated Derivatives of Noscapine Are Potent Microtubule-interfering Agents That Perturb Mitosis and Inhibit Cell Proliferation. <i>Molecular Pharmacology</i> , 2003, 63, 799-807.	2.3	151
7	Palmitoylation-dependent activation of MC1R prevents melanomagenesis. <i>Nature</i> , 2017, 549, 399-403.	27.8	143
8	Attachment and tension in the spindle assembly checkpoint. <i>Journal of Cell Science</i> , 2002, 115, 3547-3555.	2.0	134
9	Minor Alteration of Microtubule Dynamics Causes Loss of Tension across Kinetochores Pairs and Activates the Spindle Checkpoint. <i>Journal of Biological Chemistry</i> , 2002, 277, 17200-17208.	3.4	134
10	Deacetylation of α -tubulin and cortactin is required for HDAC6 to trigger ciliary disassembly. <i>Scientific Reports</i> , 2015, 5, 12917.	3.3	129
11	Human Kruppel-like Factor 5 Is a Target of the E3 Ubiquitin Ligase WWP1 for Proteolysis in Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2005, 280, 41553-41561.	3.4	127
12	Paclitaxel-resistant Human Ovarian Cancer Cells Undergo c-Jun NH2-terminal Kinase-mediated Apoptosis in Response to Noscapine. <i>Journal of Biological Chemistry</i> , 2002, 277, 39777-39785.	3.4	118
13	SET1A-Mediated Mono-Methylation at K342 Regulates YAP Activation by Blocking Its Nuclear Export and Promotes Tumorigenesis. <i>Cancer Cell</i> , 2018, 34, 103-118.e9.	16.8	114
14	The Tumor Suppressor CYLD Regulates Microtubule Dynamics and Plays a Role in Cell Migration. <i>Journal of Biological Chemistry</i> , 2008, 283, 8802-8809.	3.4	113
15	Reversal of P-glycoprotein-Mediated Multidrug Resistance in Cancer Cells by the c-Jun NH2-Terminal Kinase. <i>Cancer Research</i> , 2006, 66, 445-452.	0.9	103
16	The Synergistic Combination of the Farnesyl Transferase Inhibitor Lonafarnib and Paclitaxel Enhances Tubulin Acetylation and Requires a Functional Tubulin Deacetylase. <i>Cancer Research</i> , 2005, 65, 3883-3893.	0.9	101
17	The Noscapine Chronicle: A Pharmacologic Historic Biography of the Opiate Alkaloid Family and its Clinical Applications. <i>Medicinal Research Reviews</i> , 2015, 35, 1072-1096.	10.5	97
18	CYLD regulates spindle orientation by stabilizing astral microtubules and promoting dishevelled-NuMA-dynein/dynactin complex formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 2158-2163.	7.1	93

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19	CYLD mediates ciliogenesis in multiple organs by deubiquitinating Cep70 and inactivating HDAC6. <i>Cell Research</i> , 2014, 24, 1342-1353.	12.0	87
20	Mesenchymal stem cell growth behavior on micro/nano hierarchical surfaces of titanium substrates. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 127, 221-232.	5.0	85
21	EB1 promotes Aurora-B kinase activity through blocking its inactivation by protein phosphatase 2A. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 7153-7158.	7.1	84
22	Ectopic expression of the microtubule-dependent motor protein Eg5 promotes pancreatic tumorigenesis. <i>Journal of Pathology</i> , 2010, 221, 221-228.	4.5	76
23	Photoinduced Electron Transfer Process Visualized on Single Silver Nanoparticles. <i>ACS Nano</i> , 2017, 11, 2085-2093.	14.6	75
24	Functions and Diseases of the Retinal Pigment Epithelium. <i>Frontiers in Pharmacology</i> , 2021, 12, 727870.	3.5	75
25	p53 and p21 Determine the Sensitivity of Noscapine-Induced Apoptosis in Colon Cancer Cells. <i>Cancer Research</i> , 2007, 67, 3862-3870.	0.9	73
26	CYLD regulates angiogenesis by mediating vascular endothelial cell migration. <i>Blood</i> , 2010, 115, 4130-4137.	1.4	73
27	Oncogenic function of microtubule end-binding protein 1 in breast cancer. <i>Journal of Pathology</i> , 2010, 220, 361-369.	4.5	71
28	Microtubule-associated deacetylase HDAC6 promotes angiogenesis by regulating cell migration in an EB1-dependent manner. <i>Protein and Cell</i> , 2011, 2, 150-160.	11.0	71
29	Electrochemical Biosensors for Detection of Foodborne Pathogens. <i>Micromachines</i> , 2019, 10, 222.	2.9	70
30	An electrochemical biosensor for the detection of epithelial-mesenchymal transition. <i>Nature Communications</i> , 2020, 11, 192.	12.8	69
31	Regulation of Tat Acetylation and Transactivation Activity by the Microtubule-associated Deacetylase HDAC6. <i>Journal of Biological Chemistry</i> , 2011, 286, 9280-9286.	3.4	68
32	Drug-resistant T-lymphoid tumors undergo apoptosis selectively in response to an antimicrotubule agent, EM011. <i>Blood</i> , 2006, 107, 2486-2492.	1.4	63
33	The protective role of DOT1L in UV-induced melanomagenesis. <i>Nature Communications</i> , 2018, 9, 259.	12.8	63
34	Dynamic O-GlcNAcylation coordinates ferritinophagy and mitophagy to activate ferroptosis. <i>Cell Discovery</i> , 2022, 8, 40.	6.7	62
35	A novel microtubule-modulating noscapinoid triggers apoptosis by inducing spindle multipolarity via centrosome amplification and declustering. <i>Cell Death and Differentiation</i> , 2011, 18, 632-644.	11.2	61
36	Harnessing Plant Biodiversity for the Discovery of Novel Anticancer Drugs Targeting Microtubules. <i>Frontiers in Plant Science</i> , 2017, 8, 720.	3.6	61

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37	IFP35 Is Involved in the Antiviral Function of Interferon by Association with the Viral Transactivator of Bovine Foamy Virus. <i>Journal of Virology</i> , 2008, 82, 4275-4283.	3.4	60
38	CYLD Deubiquitinates Nicotinamide Adenine Dinucleotide Phosphate Oxidase 4 Contributing to Adventitial Remodeling. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 1698-1709.	2.4	59
39	Rational Design of the Microtubule-Targeting Anti-Breast Cancer Drug EM015. <i>Cancer Research</i> , 2006, 66, 3782-3791.	0.9	58
40	HDAC6 Deacetylase Activity Is Critical for Lipopolysaccharide-Induced Activation of Macrophages. <i>PLoS ONE</i> , 2014, 9, e110718.	2.5	56
41	Aberrant regulation of autophagy in mammalian diseases. <i>Biology Letters</i> , 2018, 14, 20170540.	2.3	56
42	Parkin deficiency contributes to pancreatic tumorigenesis by inducing spindle multipolarity and misorientation. <i>Cell Cycle</i> , 2013, 12, 1133-1141.	2.6	55
43	Histone deacetylase 6 and cytoplasmic linker protein 170 function together to regulate the motility of pancreatic cancer cells. <i>Protein and Cell</i> , 2014, 5, 214-223.	11.0	54
44	Proteomic identification and functional characterization of MYH9, Hsc70, and DNAJA1 as novel substrates of HDAC6 deacetylase activity. <i>Protein and Cell</i> , 2015, 6, 42-54.	11.0	51
45	Treatment of hormone-refractory breast cancer: apoptosis and regression of human tumors implanted in mice. <i>Molecular Cancer Therapeutics</i> , 2006, 5, 2366-2377.	4.1	50
46	Drug "Pent" in Hollow Magnetic Prussian Blue Nanoparticles for NIR-Induced Chemo-Photothermal Tumor Therapy with Trimodal Imaging. <i>Advanced Healthcare Materials</i> , 2017, 6, 1700005.	7.6	48
47	Targeting MC1R depalmitoylation to prevent melanomagenesis in redheads. <i>Nature Communications</i> , 2019, 10, 877.	12.8	48
48	Parkin regulates paclitaxel sensitivity in breast cancer via a microtubule-dependent mechanism. <i>Journal of Pathology</i> , 2009, 218, 76-85.	4.5	46
49	Microtubule-binding protein CLIP170 is a mediator of paclitaxel sensitivity. <i>Journal of Pathology</i> , 2012, 226, 666-673.	4.5	45
50	Microtubule-Binding Proteins as Promising Biomarkers of Paclitaxel Sensitivity in Cancer Chemotherapy. <i>Medicinal Research Reviews</i> , 2016, 36, 300-312.	10.5	45
51	Preparation of nitrogen-doped carbon dots with high quantum yield from Bombyx mori silk for Fe(III) ions detection. <i>RSC Advances</i> , 2017, 7, 50584-50590.	3.6	45
52	Inhibition of the Mitotic Kinesin Eg5 Up-regulates Hsp70 through the Phosphatidylinositol 3-Kinase/Akt Pathway in Multiple Myeloma Cells. <i>Journal of Biological Chemistry</i> , 2006, 281, 18090-18097.	3.4	44
53	Application of biosensors to detection of epidemic diseases in animals. <i>Research in Veterinary Science</i> , 2018, 118, 444-448.	1.9	44
54	Mdp3 is a novel microtubule-binding protein that regulates microtubule assembly and stability. <i>Cell Cycle</i> , 2011, 10, 3929-3937.	2.6	43

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55	Contact electrification by collision of homogenous particles. <i>Journal of Applied Physics</i> , 2013, 113, .	2.5	43
56	Survivin Deregulation in β -Tubulin Mutant Ovarian Cancer Cells Underlies Their Compromised Mitotic Response to Taxol. <i>Cancer Research</i> , 2004, 64, 8708-8714.	0.9	42
57	Parental centrioles are dispensable for deuterosome formation and function during basal body amplification. <i>EMBO Reports</i> , 2019, 20, .	4.5	41
58	Branched polyethylenimine-functionalized carbon dots as sensitive and selective fluorescent probes for N-acetylcysteine via an off-on mechanism. <i>Analyst</i> , 2017, 142, 4221-4227.	3.5	40
59	Nucleotide-binding and oligomerization domain (NOD)-like receptors in teleost fish: Current knowledge and future perspectives. <i>Journal of Fish Diseases</i> , 2018, 41, 1317-1330.	1.9	40
60	Dimethylnastron suppresses human pancreatic cancer cell migration and invasion in vitro via allosteric inhibition of mitotic kinesin Eg5. <i>Acta Pharmacologica Sinica</i> , 2011, 32, 1543-1548.	6.1	39
61	HSI colour-coded analysis of scattered light of single plasmonic nanoparticles. <i>Nanoscale</i> , 2016, 8, 11467-11471.	5.6	39
62	ASK1-Mediated Phosphorylation Blocks HDAC6 Ubiquitination and Degradation to Drive the Disassembly of Photoreceptor Connecting Cilia. <i>Developmental Cell</i> , 2020, 53, 287-299.e5.	7.0	39
63	Sustained Activation of p34 Is Required for Noscapine-induced Apoptosis. <i>Journal of Biological Chemistry</i> , 2001, 276, 46697-46700.	3.4	37
64	Induction of robust de novo centrosome amplification, high-grade spindle multipolarity and metaphase catastrophe: a novel chemotherapeutic approach. <i>Cell Death and Disease</i> , 2012, 3, e346-e346.	6.3	37
65	Use of animal models for the imaging and quantification of angiogenesis. <i>Experimental Animals</i> , 2018, 67, 1-6.	1.1	37
66	Targeted inhibition of histone deacetylase 6 in inflammatory diseases. <i>Thoracic Cancer</i> , 2019, 10, 405-412.	1.9	37
67	The Protein Farnesyltransferase Regulates HDAC6 Activity in a Microtubule-dependent Manner. <i>Journal of Biological Chemistry</i> , 2009, 284, 9648-9655.	3.4	36
68	Synthesis and Antiviral Activities of β -Aminophosphonate Derivatives Containing a Pyridazine Moiety. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2010, 186, 81-87.	1.6	35
69	Plasmon-induced light concentration enhanced imaging visibility as observed by a composite-field microscopy imaging system. <i>Chemical Science</i> , 2016, 7, 5477-5483.	7.4	35
70	Histone deacetylase 6 modulates macrophage infiltration during inflammation. <i>Theranostics</i> , 2018, 8, 2927-2938.	10.0	35
71	Parkin Regulates Eg5 Expression by Hsp70 Ubiquitination-dependent Inactivation of c-Jun NH2-terminal Kinase. <i>Journal of Biological Chemistry</i> , 2008, 283, 35783-35788.	3.4	34
72	CEP70 Protein Interacts with β -Tubulin to Localize at the Centrosome and Is Critical for Mitotic Spindle Assembly. <i>Journal of Biological Chemistry</i> , 2011, 286, 33401-33408.	3.4	34

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73	ASK1 controls spindle orientation and positioning by phosphorylating EB1 and stabilizing astral microtubules. <i>Cell Discovery</i> , 2016, 2, 16033.	6.7	34
74	Ciliopathies: Does HDAC6 Represent a New Therapeutic Target?. <i>Trends in Pharmacological Sciences</i> , 2016, 37, 114-119.	8.7	34
75	Simultaneous observations of sporadic Fe and Na layers by two closely collocated resonance fluorescence lidars at Wuhan (30.5°N, 114.4°E), China. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	33
76	Validating the mitotic kinesin Eg5 as a therapeutic target in pancreatic cancer cells and tumor xenografts using a specific inhibitor. <i>Biochemical Pharmacology</i> , 2008, 76, 169-178.	4.4	33
77	Proteomic Profiling and Functional Characterization of Multiple Post-Translational Modifications of Tubulin. <i>Journal of Proteome Research</i> , 2015, 14, 3292-3304.	3.7	33
78	Exopolysaccharides from a <i>Codonopsis pilosula</i> endophyte activate macrophages and inhibit cancer cell proliferation and migration. <i>Thoracic Cancer</i> , 2018, 9, 630-639.	1.9	33
79	EM012, a microtubule-interfering agent, inhibits the progression of multidrug-resistant human ovarian cancer both in cultured cells and in athymic nude mice. <i>Cancer Chemotherapy and Pharmacology</i> , 2005, 55, 461-465.	2.3	32
80	Farnesyltransferase Inhibitors Reverse Taxane Resistance. <i>Cancer Research</i> , 2006, 66, 8838-8846.	0.9	32
81	Down-regulation of tumor suppressor gene FEZ1/LZTS1 in breast carcinoma involves promoter methylation and associates with metastasis. <i>Breast Cancer Research and Treatment</i> , 2009, 116, 471-478.	2.5	32
82	Multidrug Resistance-Associated Protein Overexpressing Teniposide-Resistant Human Lymphomas Undergo Apoptosis by a Tubulin-Binding Agent. <i>Cancer Research</i> , 2008, 68, 1495-1503.	0.9	31
83	Non-toxic melanoma therapy by a novel tubulin-binding agent. <i>International Journal of Cancer</i> , 2010, 126, 256-265.	5.1	31
84	Tumour suppressor CYLD is a negative regulator of the mitotic kinase AuroraB. <i>Journal of Pathology</i> , 2010, 221, 425-432.	4.5	31
85	Microtubule-dependent retrograde transport of bovine immunodeficiency virus. <i>Cellular Microbiology</i> , 2010, 12, 1098-1107.	2.1	31
86	Cep70 contributes to angiogenesis by modulating microtubule rearrangement and stimulating cell polarization and migration. <i>Cell Cycle</i> , 2012, 11, 1554-1563.	2.6	31
87	Regulation of Vascular Endothelial Cell Polarization and Migration by Hsp70/Hsp90-Organizing Protein. <i>PLoS ONE</i> , 2012, 7, e36389.	2.5	31
88	CYLD coordinates with EB1 to regulate microtubule dynamics and cell migration. <i>Cell Cycle</i> , 2014, 13, 974-983.	2.6	31
89	Human Ninein is a Centrosomal Autoantigen Recognized by CREST Patient Sera and Plays a Regulatory Role in Microtubule Nucleation. <i>Cell Cycle</i> , 2004, 3, 921-928.	2.6	30
90	New HDAC6-mediated deacetylation sites of tubulin in the mouse brain identified by quantitative mass spectrometry. <i>Scientific Reports</i> , 2015, 5, 16869.	3.3	30

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91	Tat acetylation regulates its actions on microtubule dynamics and apoptosis in T lymphocytes. Journal of Pathology, 2011, 223, 28-36.	4.5	29
92	HDAC6 regulates IL-17 expression in T lymphocytes: implications for HDAC6-targeted therapies. Theranostics, 2017, 7, 1002-1009.	10.0	29
93	Numerical Analysis of Midinfrared D-Shaped Photonic-Crystal-Fiber Sensor Based on Surface-Plasmon-Resonance Effect for Environmental Monitoring. Applied Sciences (Switzerland), 2020, 10, 3897.	2.5	29
94	Multivalent weak interactions between assembly units drive synaptonemal complex formation. Journal of Cell Biology, 2020, 219, .	5.2	29
95	Enhancement of paclitaxel-induced microtubule stabilization, mitotic arrest, and apoptosis by the microtubule-targeting agent EM012. Biochemical Pharmacology, 2004, 68, 2435-2441.	4.4	28
96	PO2-dependent Differential Regulation of Multidrug Resistance 1 Gene Expression by the c-Jun NH2-terminal Kinase Pathway*. Journal of Biological Chemistry, 2007, 282, 17581-17586.	3.4	28
97	End-binding protein 1 stimulates paclitaxel sensitivity in breast cancer by promoting its actions toward microtubule assembly and stability. Protein and Cell, 2014, 5, 469-479.	11.0	28
98	Fully synthetic self-adjuvanting MUC1-fibroblast stimulating lipopeptide 1 conjugates as potential cancer vaccines. Chemical Communications, 2016, 52, 10886-10889.	4.1	28
99	Ciliary defects caused by dysregulation of O-GlcNAc modification are associated with diabetic complications. Cell Research, 2019, 29, 171-173.	12.0	28
100	A nanocomposite-based electrochemical sensor for non-enzymatic detection of hydrogen peroxide. Oncotarget, 2017, 8, 13039-13047.	1.8	28
101	Modulation of multidrug resistance in cancer cells by the E3 ubiquitin ligase sevenâ€™inâ€™absentia homologue 1. Journal of Pathology, 2008, 214, 508-514.	4.5	27
102	Microtubule-Associated Protein Mdp3 Promotes Breast Cancer Growth and Metastasis. Theranostics, 2014, 4, 1052-1061.	10.0	27
103	A galvanic exchange process visualized on single silver nanoparticles <i>via</i> dark-field microscopy imaging. Nanoscale, 2018, 10, 12805-12812.	5.6	27
104	Melanosome transport and regulation in development and disease. , 2021, 219, 107707.		27
105	Multifunctional Fe ₂ O ₃ @PPy-PEG nanocomposite for combination cancer therapy with MR imaging. Nanotechnology, 2015, 26, 425101.	2.6	26
106	CYLD â€™ a deubiquitylase that acts to fine-tune microtubule properties and functions. Journal of Cell Science, 2016, 129, 2289-95.	2.0	26
107	Tenocyte proliferation and migration promoted by rat bone marrow mesenchymal stem cell-derived conditioned medium. Biotechnology Letters, 2018, 40, 215-224.	2.2	26
108	Proto-Oncogenic Src Phosphorylates EB1 to Regulate the Microtubule-Focal Adhesion Crosstalk and Stimulate Cell Migration. Theranostics, 2016, 6, 2129-2140.	10.0	25

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109	Redox-dependent regulation of end-binding protein 1 activity by glutathionylation. <i>Science China Life Sciences</i> , 2021, 64, 575-583.	4.9	25
110	Automated Plasmonic Resonance Scattering Imaging Analysis via Deep Learning. <i>Analytical Chemistry</i> , 2021, 93, 2619-2626.	6.5	25
111	The tumor suppressor CYLD controls epithelial morphogenesis and homeostasis by regulating mitotic spindle behavior and adherens junction assembly. <i>Journal of Genetics and Genomics</i> , 2017, 44, 343-353.	3.9	24
112	Endoplasmic reticulum stress, a novel significant mechanism responsible for DEHP-induced increased distance between seminiferous tubule of mouse testis. <i>Journal of Cellular Physiology</i> , 2019, 234, 19807-19823.	4.1	24
113	HIV-1 exposure triggers autophagic degradation of stathmin and hyperstabilization of microtubules to disrupt epithelial cell junctions. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 79.	17.1	24
114	A cilium-independent role for intraflagellar transport 88 in regulating angiogenesis. <i>Science Bulletin</i> , 2021, 66, 727-739.	9.0	24
115	Maternal exposure to Di-(2-ethylhexyl) phthalate (DEHP) activates the PI3K/Akt/mTOR signaling pathway in F1 and F2 generation adult mouse testis. <i>Experimental Cell Research</i> , 2020, 394, 112151.	2.6	23
116	O-GlcNAc transferase regulates centriole behavior and intraflagellar transport to promote ciliogenesis. <i>Protein and Cell</i> , 2020, 11, 852-857.	11.0	23
117	YB-1 is a positive regulator of KLF5 transcription factor in basal-like breast cancer. <i>Cell Death and Differentiation</i> , 2022, 29, 1283-1295.	11.2	23
118	Regulation of tubulin synthesis and cell cycle progression in mammalian cells by γ -tubulin-mediated microtubule nucleation. <i>Journal of Cellular Biochemistry</i> , 2002, 84, 472-483.	2.6	22
119	HDAC6 regulates neuroblastoma cell migration and may play a role in the invasion process. <i>Cancer Biology and Therapy</i> , 2014, 15, 1561-1570.	3.4	22
120	Wdr47, Camsaps, and Katanin cooperate to generate ciliary central microtubules. <i>Nature Communications</i> , 2021, 12, 5796.	12.8	22
121	Effects of FSTL1 on the proliferation and motility of breast cancer cells and vascular endothelial cells. <i>Thoracic Cancer</i> , 2017, 8, 606-612.	1.9	21
122	The Multifaceted Roles of Primary Cilia in the Regulation of Stem Cell Properties and Functions. <i>Journal of Cellular Physiology</i> , 2017, 232, 935-938.	4.1	21
123	Molecular mechanisms underlying stress response and adaptation. <i>Thoracic Cancer</i> , 2018, 9, 218-227.	1.9	21
124	Fibrogranular materials function as organizers to ensure the fidelity of multiciliary assembly. <i>Nature Communications</i> , 2021, 12, 1273.	12.8	21
125	Cep70 regulates microtubule stability by interacting with HDAC6. <i>FEBS Letters</i> , 2015, 589, 1771-1777.	2.8	20
126	Overexpression of Hdac6 enhances resistance to virus infection in embryonic stem cells and in mice. <i>Protein and Cell</i> , 2015, 6, 152-156.	11.0	20

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127	Functions of Endothelial Cilia in the Regulation of Vascular Barriers. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 626.	3.7	20
128	Effect of net surface charge on particle sizing and material recognition by using phase Doppler anemometry. <i>Applied Optics</i> , 2011, 50, 379.	2.1	19
129	Modulation of Eg5 activity contributes to mitotic spindle checkpoint activation and Tat-mediated apoptosis in CD4-positive T lymphocytes. <i>Journal of Pathology</i> , 2014, 233, 138-147.	4.5	19
130	Modulation of the stability and activities of HIV-1 Tat by its ubiquitination and carboxyl-terminal region. <i>Cell and Bioscience</i> , 2014, 4, 61.	4.8	19
131	Color resolution improvement of the dark-field microscopy imaging of single light scattering plasmonic nanoprobes for microRNA visual detection. <i>Nanoscale</i> , 2017, 9, 4593-4600.	5.6	19
132	HDAC6 regulates antibody-dependent intracellular neutralization of viruses via deacetylation of TRIM21. <i>Journal of Biological Chemistry</i> , 2020, 295, 14343-14351.	3.4	19
133	Inhibition of protein deacetylation by trichostatin A impairs microtubule-kinetochore attachment. <i>Cellular and Molecular Life Sciences</i> , 2008, 65, 3100-3109.	5.4	18
134	Three-dimensional BiOI/TiO ₂ heterostructures with photocatalytic activity under visible light irradiation. <i>Journal of Porous Materials</i> , 2018, 25, 1805-1812.	2.6	18
135	The Kinocilia of Cochlear Hair Cells: Structures, Functions, and Diseases. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 715037.	3.7	18
136	Microtubule Stabilization by Mdp3 Is Partially Attributed to Its Modulation of HDAC6 in Addition to Its Association with Tubulin and Microtubules. <i>PLoS ONE</i> , 2014, 9, e90932.	2.5	18
137	Regulation of Microtubule Assembly and Stability by the Transactivator of Transcription Protein of Membrane Disease Virus. <i>Journal of Biological Chemistry</i> , 2007, 282, 28800-28806.	3.4	17
138	A novel microtubule-modulating agent EM011 inhibits angiogenesis by repressing the HIF-1 α axis and disrupting cell polarity and migration. <i>Carcinogenesis</i> , 2012, 33, 1769-1781.	2.8	17
139	CYLD Regulates Noscapine Activity in Acute Lymphoblastic Leukemia via a Microtubule-Dependent Mechanism. <i>Theranostics</i> , 2015, 5, 656-666.	10.0	17
140	Regulation of mitotic spindle orientation during epidermal stratification. <i>Journal of Cellular Physiology</i> , 2017, 232, 1634-1639.	4.1	17
141	Mixed-lineage leukemia protein 2 suppresses ciliary assembly by the modulation of actin dynamics and vesicle transport. <i>Cell Discovery</i> , 2019, 5, 33.	6.7	17
142	Inconspicuous Reactions Identified by Improved Precision of Plasmonic Scattering Dark-Field Microscopy Imaging Using Silver Shell-Isolated Nanoparticles as Internal References. <i>Analytical Chemistry</i> , 2019, 91, 3002-3008.	6.5	17
143	Apoptosis signal-regulating kinase 1 exhibits oncogenic activity in pancreatic cancer. <i>Oncotarget</i> , 2016, 7, 75155-75164.	1.8	17
144	Small-molecule inhibition of Aurora kinases triggers spindle checkpoint-independent apoptosis in cancer cells. <i>Biochemical Pharmacology</i> , 2008, 75, 1027-1034.	4.4	16

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145	Relaxation transition due to different cooling processes in a superconducting levitation system. <i>Journal of Applied Physics</i> , 2008, 103, 123901.	2.5	16
146	Regulation of tumor angiogenesis by the microtubule-binding protein CLIP-170. <i>Protein and Cell</i> , 2013, 4, 266-276.	11.0	16
147	Systematic Analysis of the Functions of Lysine Acetylation in the Regulation of Tat Activity. <i>PLoS ONE</i> , 2013, 8, e67186.	2.5	16
148	Amide group-containing polar solvents as ligands for iron-catalyzed atom transfer radical polymerization of methyl methacrylate. <i>RSC Advances</i> , 2015, 5, 43724-43732.	3.6	16
149	Accurate Quantification of Disease Markers in Human Serum Using Iron Oxide Nanoparticle-linked Immunosorbent Assay. <i>Theranostics</i> , 2016, 6, 1353-1361.	10.0	16
150	Diverse roles of HDAC6 in viral infection: Implications for antiviral therapy. , 2016, 164, 120-125.		16
151	Microtubule-binding protein FOR20 promotes microtubule depolymerization and cell migration. <i>Cell Discovery</i> , 2017, 3, 17032.	6.7	16
152	Primary cilia in corneal development and disease. <i>Zoological Research</i> , 2020, 41, 495-502.	2.1	16
153	Discovery of Centrosomal Protein 70 as an Important Player in the Development and Progression of Breast Cancer. <i>American Journal of Pathology</i> , 2017, 187, 679-688.	3.8	15
154	Phase separation as a therapeutic target in tight junction-associated human diseases. <i>Acta Pharmacologica Sinica</i> , 2020, 41, 1310-1313.	6.1	15
155	A non-mitotic role for Eg5 in regulating cilium formation and sonic hedgehog signaling. <i>Science Bulletin</i> , 2021, 66, 1620-1620.	9.0	15
156	miR-21-5p promotes cell proliferation by targeting BCL11B in Thp-1 cells. <i>Oncology Letters</i> , 2020, 21, 119.	1.8	15
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