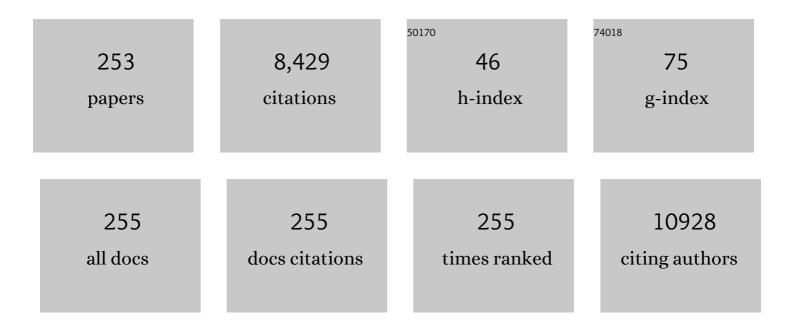
## Jun Zhou

List of Publications by Year in descending order

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Ιυν Ζησυ

#	Article	IF	CITATIONS
1	Targeting Microtubules for Cancer Chemotherapy. Anti-Cancer Agents in Medicinal Chemistry, 2005, 5, 65-71.	7.0	374
2	Parkin Ubiquitinates Drp1 for Proteasome-dependent Degradation. Journal of Biological Chemistry, 2011, 286, 11649-11658.	1.6	310
3	Hollow mesoporous silica nanoparticles facilitated drug delivery via cascade pH stimuli in tumor microenvironment for tumor therapy. Biomaterials, 2016, 83, 51-65.	5.7	240
4	Reactive Oxygen Species-Induced Actin Glutathionylation Controls Actin Dynamics in Neutrophils. Immunity, 2012, 37, 1037-1049.	6.6	174
5	Microtubule-interacting drugs for cancer treatment. Trends in Pharmacological Sciences, 2003, 24, 361-365.	4.0	164
6	Brominated Derivatives of Noscapine Are Potent Microtubule-interfering Agents That Perturb Mitosis and Inhibit Cell Proliferation. Molecular Pharmacology, 2003, 63, 799-807.	1.0	151
7	Palmitoylation-dependent activation of MC1R prevents melanomagenesis. Nature, 2017, 549, 399-403.	13.7	143
8	Attachment and tension in the spindle assembly checkpoint. Journal of Cell Science, 2002, 115, 3547-3555.	1.2	134
9	Minor Alteration of Microtubule Dynamics Causes Loss of Tension across Kinetochore Pairs and Activates the Spindle Checkpoint. Journal of Biological Chemistry, 2002, 277, 17200-17208.	1.6	134
10	Deacetylation of α-tubulin and cortactin is required for HDAC6 to trigger ciliary disassembly. Scientific Reports, 2015, 5, 12917.	1.6	129
11	Human Kruppel-like Factor 5 Is a Target of the E3 Ubiquitin Ligase WWP1 for Proteolysis in Epithelial Cells. Journal of Biological Chemistry, 2005, 280, 41553-41561.	1.6	127
12	Paclitaxel-resistant Human Ovarian Cancer Cells Undergo c-Jun NH2-terminal Kinase-mediated Apoptosis in Response to Noscapine. Journal of Biological Chemistry, 2002, 277, 39777-39785.	1.6	118
13	SET1A-Mediated Mono-Methylation at K342 Regulates YAP Activation by Blocking Its Nuclear Export and Promotes Tumorigenesis. Cancer Cell, 2018, 34, 103-118.e9.	7.7	114
14	The Tumor Suppressor CYLD Regulates Microtubule Dynamics and Plays a Role in Cell Migration. Journal of Biological Chemistry, 2008, 283, 8802-8809.	1.6	113
15	Reversal of P-glycoprotein–Mediated Multidrug Resistance in Cancer Cells by the c-Jun NH2-Terminal Kinase. Cancer Research, 2006, 66, 445-452.	0.4	103
16	The Synergistic Combination of the Farnesyl Transferase Inhibitor Lonafarnib and Paclitaxel Enhances Tubulin Acetylation and Requires a Functional Tubulin Deacetylase. Cancer Research, 2005, 65, 3883-3893.	0.4	101
17	The Noscapine Chronicle: A Pharmacoâ€Historic Biography of the Opiate Alkaloid Family and its Clinical Applications. Medicinal Research Reviews, 2015, 35, 1072-1096.	5.0	97
18	CYLD regulates spindle orientation by stabilizing astral microtubules and promoting dishevelled-NuMA-dynein/dynactin complex formation. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 2158-2163.	3.3	93

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19	CYLD mediates ciliogenesis in multiple organs by deubiquitinating Cep70 and inactivating HDAC6. Cell Research, 2014, 24, 1342-1353.	5.7	87
20	Mesenchymal stem cell growth behavior on micro/nano hierarchical surfaces of titanium substrates. Colloids and Surfaces B: Biointerfaces, 2015, 127, 221-232.	2.5	85
21	EB1 promotes Aurora-B kinase activity through blocking its inactivation by protein phosphatase 2A. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 7153-7158.	3.3	84
22	Ectopic expression of the microtubuleâ€dependent motor protein Eg5 promotes pancreatic tumourigenesis. Journal of Pathology, 2010, 221, 221-228.	2.1	76
23	Photoinduced Electron Transfer Process Visualized on Single Silver Nanoparticles. ACS Nano, 2017, 11, 2085-2093.	7.3	75
24	Functions and Diseases of the Retinal Pigment Epithelium. Frontiers in Pharmacology, 2021, 12, 727870.	1.6	75
25	p53 and p21 Determine the Sensitivity of Noscapine-Induced Apoptosis in Colon Cancer Cells. Cancer Research, 2007, 67, 3862-3870.	0.4	73
26	CYLD regulates angiogenesis by mediating vascular endothelial cell migration. Blood, 2010, 115, 4130-4137.	0.6	73
27	Oncogenic function of microtubule endâ€binding protein 1 in breast cancer. Journal of Pathology, 2010, 220, 361-369.	2.1	71
28	Microtubule-associated deacetylase HDAC6 promotes angiogenesis by regulating cell migration in an EB1-dependent manner. Protein and Cell, 2011, 2, 150-160.	4.8	71
29	Electrochemical Biosensors for Detection of Foodborne Pathogens. Micromachines, 2019, 10, 222.	1.4	70
30	An electrochemical biosensor for the detection of epithelial-mesenchymal transition. Nature Communications, 2020, 11, 192.	5.8	69
31	Regulation of Tat Acetylation and Transactivation Activity by the Microtubule-associated Deacetylase HDAC6. Journal of Biological Chemistry, 2011, 286, 9280-9286.	1.6	68
32	Drug-resistant T-lymphoid tumors undergo apoptosis selectively in response to an antimicrotubule agent, EM011. Blood, 2006, 107, 2486-2492.	0.6	63
33	The protective role of DOT1L in UV-induced melanomagenesis. Nature Communications, 2018, 9, 259.	5.8	63
34	Dynamic O-GlcNAcylation coordinates ferritinophagy and mitophagy to activate ferroptosis. Cell Discovery, 2022, 8, 40.	3.1	62
35	A novel microtubule-modulating noscapinoid triggers apoptosis by inducing spindle multipolarity via centrosome amplification and declustering. Cell Death and Differentiation, 2011, 18, 632-644.	5.0	61
36	Harnessing Plant Biodiversity for the Discovery of Novel Anticancer Drugs Targeting Microtubules. Frontiers in Plant Science, 2017, 8, 720.	1.7	61

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37	IFP35 Is Involved in the Antiviral Function of Interferon by Association with the Viral Tas Transactivator of Bovine Foamy Virus. Journal of Virology, 2008, 82, 4275-4283.	1.5	60
38	CYLD Deubiquitinates Nicotinamide Adenine Dinucleotide Phosphate Oxidase 4 Contributing to Adventitial Remodeling. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 1698-1709.	1.1	59
39	Rational Design of the Microtubule-Targeting Anti–Breast Cancer Drug EM015. Cancer Research, 2006, 66, 3782-3791.	0.4	58
40	HDAC6 Deacetylase Activity Is Critical for Lipopolysaccharide-Induced Activation of Macrophages. PLoS ONE, 2014, 9, e110718.	1.1	56
41	Aberrant regulation of autophagy in mammalian diseases. Biology Letters, 2018, 14, 20170540.	1.0	56
42	Parkin deficiency contributes to pancreatic tumorigenesis by inducing spindle multipolarity and misorientation. Cell Cycle, 2013, 12, 1133-1141.	1.3	55
43	Histone deacetylase 6 and cytoplasmic linker protein 170 function together to regulate the motility of pancreatic cancer cells. Protein and Cell, 2014, 5, 214-223.	4.8	54
44	Proteomic identification and functional characterization of MYH9, Hsc70, and DNAJA1 as novel substrates of HDAC6 deacetylase activity. Protein and Cell, 2015, 6, 42-54.	4.8	51
45	Treatment of hormone-refractory breast cancer: apoptosis and regression of human tumors implanted in mice. Molecular Cancer Therapeutics, 2006, 5, 2366-2377.	1.9	50
46	Drug "Pentâ€Up―in Hollow Magnetic Prussian Blue Nanoparticles for NIRâ€Induced Chemoâ€Photothermal Tumor Therapy with Trimodal Imaging. Advanced Healthcare Materials, 2017, 6, 1700005.	3.9	48
47	Targeting MC1R depalmitoylation to prevent melanomagenesis in redheads. Nature Communications, 2019, 10, 877.	5.8	48
48	Parkin regulates paclitaxel sensitivity in breast cancer via a microtubuleâ€dependent mechanism. Journal of Pathology, 2009, 218, 76-85.	2.1	46
49	Microtubuleâ€binding protein CLIPâ€170 is a mediator of paclitaxel sensitivity. Journal of Pathology, 2012, 226, 666-673.	2.1	45
50	Microtubuleâ€Binding Proteins as Promising Biomarkers of Paclitaxel Sensitivity in Cancer Chemotherapy. Medicinal Research Reviews, 2016, 36, 300-312.	5.0	45
51	Preparation of nitrogen-doped carbon dots with high quantum yield from Bombyx mori silk for Fe( <scp>iii</scp> ) ions detection. RSC Advances, 2017, 7, 50584-50590.	1.7	45
52	Inhibition of the Mitotic Kinesin Eg5 Up-regulates Hsp70 through the Phosphatidylinositol 3-Kinase/Akt Pathway in Multiple Myeloma Cells. Journal of Biological Chemistry, 2006, 281, 18090-18097.	1.6	44
53	Application of biosensors to detection of epidemic diseases in animals. Research in Veterinary Science, 2018, 118, 444-448.	0.9	44
54	Mdp3 is a novel microtubule-binding protein that regulates microtubule assembly and stability. Cell Cycle, 2011, 10, 3929-3937.	1.3	43

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55	Contact electrification by collision of homogenous particles. Journal of Applied Physics, 2013, 113, .	1.1	43
56	Survivin Deregulation in β-Tubulin Mutant Ovarian Cancer Cells Underlies Their Compromised Mitotic Response to Taxol. Cancer Research, 2004, 64, 8708-8714.	0.4	42
57	Parental centrioles are dispensable for deuterosome formation and function during basal body amplification. EMBO Reports, 2019, 20, .	2.0	41
58	Branched polyethylenimine-functionalized carbon dots as sensitive and selective fluorescent probes for N-acetylcysteine via an off–on mechanism. Analyst, The, 2017, 142, 4221-4227.	1.7	40
59	Nucleotideâ€binding and oligomerization domain ( <scp>NOD</scp> )â€like receptors in teleost fish: Current knowledge and future perspectives. Journal of Fish Diseases, 2018, 41, 1317-1330.	0.9	40
60	Dimethylenastron suppresses human pancreatic cancer cell migration and invasion in vitro via allosteric inhibition of mitotic kinesin Eg5. Acta Pharmacologica Sinica, 2011, 32, 1543-1548.	2.8	39
61	HSI colour-coded analysis of scattered light of single plasmonic nanoparticles. Nanoscale, 2016, 8, 11467-11471.	2.8	39
62	ASK1-Mediated Phosphorylation Blocks HDAC6ÂUbiquitination and Degradation to Drive the Disassembly of Photoreceptor Connecting Cilia. Developmental Cell, 2020, 53, 287-299.e5.	3.1	39
63	Sustained Activation of p34 Is Required for Noscapine-induced Apoptosis. Journal of Biological Chemistry, 2001, 276, 46697-46700.	1.6	37
64	Induction of robust de novo centrosome amplification, high-grade spindle multipolarity and metaphase catastrophe: a novel chemotherapeutic approach. Cell Death and Disease, 2012, 3, e346-e346.	2.7	37
65	Use of animal models for the imaging and quantification of angiogenesis. Experimental Animals, 2018, 67, 1-6.	0.7	37
66	Targeted inhibition of histone deacetylase 6 in inflammatory diseases. Thoracic Cancer, 2019, 10, 405-412.	0.8	37
67	The Protein Farnesyltransferase Regulates HDAC6 Activity in a Microtubule-dependent Manner. Journal of Biological Chemistry, 2009, 284, 9648-9655.	1.6	36
68	Synthesis and Antiviral Activities of α-Aminophosphonate Derivatives Containing a Pyridazine Moiety. Phosphorus, Sulfur and Silicon and the Related Elements, 2010, 186, 81-87.	0.8	35
69	Plasmon-induced light concentration enhanced imaging visibility as observed by a composite-field microscopy imaging system. Chemical Science, 2016, 7, 5477-5483.	3.7	35
70	Histone deacetylase 6 modulates macrophage infiltration during inflammation. Theranostics, 2018, 8, 2927-2938.	4.6	35
71	Parkin Regulates Eg5 Expression by Hsp70 Ubiquitination-dependent Inactivation of c-Jun NH2-terminal Kinase. Journal of Biological Chemistry, 2008, 283, 35783-35788.	1.6	34
72	CEP70 Protein Interacts with Î <sup>3</sup> -Tubulin to Localize at the Centrosome and Is Critical for Mitotic Spindle Assembly. Journal of Biological Chemistry, 2011, 286, 33401-33408.	1.6	34

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73	ASK1 controls spindle orientation and positioning by phosphorylating EB1 and stabilizing astral microtubules. Cell Discovery, 2016, 2, 16033.	3.1	34
74	Ciliopathies: Does HDAC6 Represent a New Therapeutic Target?. Trends in Pharmacological Sciences, 2016, 37, 114-119.	4.0	34
75	Simultaneous observations of sporadic Fe and Na layers by two closely colocated resonance fluorescence lidars at Wuhan (30.5°N, 114.4°E), China. Journal of Geophysical Research, 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. Biochemical Pharmacology, 2008, 76, 169-178.	2.0	33
77	Proteomic Profiling and Functional Characterization of Multiple Post-Translational Modifications of Tubulin. Journal of Proteome Research, 2015, 14, 3292-3304.	1.8	33
78	Exopolysaccharides from a <i>Codonopsis pilosula</i> endophyte activate macrophages and inhibit cancer cell proliferation and migration. Thoracic Cancer, 2018, 9, 630-639.	0.8	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. Cancer Chemotherapy and Pharmacology, 2005, 55, 461-465.	1.1	32
80	Farnesyltransferase Inhibitors Reverse Taxane Resistance. Cancer Research, 2006, 66, 8838-8846.	0.4	32
81	Down-regulation of tumor suppressor gene FEZ1/LZTS1 in breast carcinoma involves promoter methylation and associates with metastasis. Breast Cancer Research and Treatment, 2009, 116, 471-478.	1.1	32
82	Multidrug Resistance-Associated Protein–Overexpressing Teniposide-Resistant Human Lymphomas Undergo Apoptosis by a Tubulin-Binding Agent. Cancer Research, 2008, 68, 1495-1503.	0.4	31
83	Nonâ€ŧoxic melanoma therapy by a novel tubulinâ€binding agent. International Journal of Cancer, 2010, 126, 256-265.	2.3	31
84	Tumour suppressor CYLD is a negative regulator of the mitotic kinase Auroraâ€B. Journal of Pathology, 2010, 221, 425-432.	2.1	31
85	Microtubule-dependent retrograde transport of bovine immunodeficiency virus. Cellular Microbiology, 2010, 12, 1098-1107.	1.1	31
86	Cep70 contributes to angiogenesis by modulating microtubule rearrangement and stimulating cell polarization and migration. Cell Cycle, 2012, 11, 1554-1563.	1.3	31
87	Regulation of Vascular Endothelial Cell Polarization and Migration by Hsp70/Hsp90-Organizing Protein. PLoS ONE, 2012, 7, e36389.	1.1	31
88	CYLD coordinates with EB1 to regulate microtubule dynamics and cell migration. Cell Cycle, 2014, 13, 974-983.	1.3	31
89	Human Ninein is a Centrosomal Autoantigen Recognized by CREST Patient Sera and Plays a Regulatory Role in Microtubule Nucleation. Cell Cycle, 2004, 3, 921-928.	1.3	30
90	New HDAC6-mediated deacetylation sites of tubulin in the mouse brain identified by quantitative mass spectrometry. Scientific Reports, 2015, 5, 16869.	1.6	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.	2.1	29
92	HDAC6 regulates IL-17 expression in T lymphocytes: implications for HDAC6-targeted therapies. Theranostics, 2017, 7, 1002-1009.	4.6	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.	1.3	29
94	Multivalent weak interactions between assembly units drive synaptonemal complex formation. Journal of Cell Biology, 2020, 219, .	2.3	29
95	Enhancement of paclitaxel-induced microtubule stabilization, mitotic arrest, and apoptosis by the microtubule-targeting agent EM012. Biochemical Pharmacology, 2004, 68, 2435-2441.	2.0	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.	1.6	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.	4.8	28
98	Fully synthetic self-adjuvanting MUC1-fibroblast stimulating lipopeptide 1 conjugates as potential cancer vaccines. Chemical Communications, 2016, 52, 10886-10889.	2.2	28
99	Ciliary defects caused by dysregulation of O-GlcNAc modification are associated with diabetic complications. Cell Research, 2019, 29, 171-173.	5.7	28
100	A nanocomposite-based electrochemical sensor for non-enzymatic detection of hydrogen peroxide. Oncotarget, 2017, 8, 13039-13047.	0.8	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.	2.1	27
102	Microtubule-Associated Protein Mdp3 Promotes Breast Cancer Growth and Metastasis. Theranostics, 2014, 4, 1052-1061.	4.6	27
103	A galvanic exchange process visualized on single silver nanoparticles <i>via</i> dark-field microscopy imaging. Nanoscale, 2018, 10, 12805-12812.	2.8	27
104	Melanosome transport and regulation in development and disease. , 2021, 219, 107707.		27
105	Multifunctional Fe <sub>2</sub> O <sub>3</sub> @PPy-PEG nanocomposite for combination cancer therapy with MR imaging. Nanotechnology, 2015, 26, 425101.	1.3	26
106	CYLD – a deubiquitylase that acts to fine-tune microtubule properties and functions. Journal of Cell Science, 2016, 129, 2289-95.	1.2	26
107	Tenocyte proliferation and migration promoted by rat bone marrow mesenchymal stem cell-derived conditioned medium. Biotechnology Letters, 2018, 40, 215-224.	1.1	26
108	Proto-Oncogenic Src Phosphorylates EB1 to Regulate the Microtubule-Focal Adhesion Crosstalk and Stimulate Cell Migration. Theranostics, 2016, 6, 2129-2140.	4.6	25

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109	Redox-dependent regulation of end-binding protein 1 activity by glutathionylation. Science China Life Sciences, 2021, 64, 575-583.	2.3	25
110	Automated Plasmonic Resonance Scattering Imaging Analysis via Deep Learning. Analytical Chemistry, 2021, 93, 2619-2626.	3.2	25
111	The tumor suppressor CYLD controls epithelial morphogenesis and homeostasis by regulating mitotic spindle behavior and adherens junction assembly. Journal of Genetics and Genomics, 2017, 44, 343-353.	1.7	24
112	Endoplasmic reticulum stress, a novel significant mechanism responsible for DEHPâ€induced increased distance between seminiferous tubule of mouse testis. Journal of Cellular Physiology, 2019, 234, 19807-19823.	2.0	24
113	HIV-1 exposure triggers autophagic degradation of stathmin and hyperstabilization of microtubules to disrupt epithelial cell junctions. Signal Transduction and Targeted Therapy, 2020, 5, 79.	7.1	24
114	A cilium-independent role for intraflagellar transport 88 in regulating angiogenesis. Science Bulletin, 2021, 66, 727-739.	4.3	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. Experimental Cell Research, 2020, 394, 112151.	1.2	23
116	O-GlcNAc transferase regulates centriole behavior and intraflagellar transport to promote ciliogenesis. Protein and Cell, 2020, 11, 852-857.	4.8	23
117	YB-1 is a positive regulator of KLF5 transcription factor in basal-like breast cancer. Cell Death and Differentiation, 2022, 29, 1283-1295.	5.0	23
118	Regulation of tubulin synthesis and cell cycle progression in mammalian cells by ?-tubulin-mediated microtubule nucleation. Journal of Cellular Biochemistry, 2002, 84, 472-483.	1.2	22
119	HDAC6 regulates neuroblastoma cell migration and may play a role in the invasion process. Cancer Biology and Therapy, 2014, 15, 1561-1570.	1.5	22
120	Wdr47, Camsaps, and Katanin cooperate to generate ciliary central microtubules. Nature Communications, 2021, 12, 5796.	5.8	22
121	Effects of <scp>FSTL</scp> 1 on the proliferation and motility of breast cancer cells and vascular endothelial cells. Thoracic Cancer, 2017, 8, 606-612.	0.8	21
122	The Multifaceted Roles of Primary Cilia in the Regulation of Stem Cell Properties and Functions. Journal of Cellular Physiology, 2017, 232, 935-938.	2.0	21
123	Molecular mechanisms underlying stress response and adaptation. Thoracic Cancer, 2018, 9, 218-227.	0.8	21
124	Fibrogranular materials function as organizers to ensure the fidelity of multiciliary assembly. Nature Communications, 2021, 12, 1273.	5.8	21
125	Cep70 regulates microtubule stability by interacting with HDAC6. FEBS Letters, 2015, 589, 1771-1777.	1.3	20
126	Overexpression of Hdac6 enhances resistance to virus infection in embryonic stem cells and in mice. Protein and Cell, 2015, 6, 152-156.	4.8	20

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127	Functions of Endothelial Cilia in the Regulation of Vascular Barriers. Frontiers in Cell and Developmental Biology, 2020, 8, 626.	1.8	20
128	Effect of net surface charge on particle sizing and material recognition by using phase Doppler anemometry. Applied Optics, 2011, 50, 379.	2.1	19
129	Modulation of Eg5 activity contributes to mitotic spindle checkpoint activation and Tatâ€mediated apoptosis in <scp>CD4</scp> â€positive T″ymphocytes. Journal of Pathology, 2014, 233, 138-147.	2.1	19
130	Modulation of the stability and activities of HIV-1 Tat by its ubiquitination and carboxyl-terminal region. Cell and Bioscience, 2014, 4, 61.	2.1	19
131	Color resolution improvement of the dark-field microscopy imaging of single light scattering plasmonic nanoprobes for microRNA visual detection. Nanoscale, 2017, 9, 4593-4600.	2.8	19
132	HDAC6 regulates antibody-dependent intracellular neutralization of viruses via deacetylation of TRIM21. Journal of Biological Chemistry, 2020, 295, 14343-14351.	1.6	19
133	Inhibition of protein deacetylation by trichostatin A impairs microtubule-kinetochore attachment. Cellular and Molecular Life Sciences, 2008, 65, 3100-3109.	2.4	18
134	Three-dimensional BiOI/TiO2 heterostructures with photocatalytic activity under visible light irradiation. Journal of Porous Materials, 2018, 25, 1805-1812.	1.3	18
135	The Kinocilia of Cochlear Hair Cells: Structures, Functions, and Diseases. Frontiers in Cell and Developmental Biology, 2021, 9, 715037.	1.8	18
136	Microtubule Stabilization by Mdp3 Is Partially Attributed to Its Modulation of HDAC6 in Addition to Its Association with Tubulin and Microtubules. PLoS ONE, 2014, 9, e90932.	1.1	18
137	Regulation of Microtubule Assembly and Stability by the Transactivator of Transcription Protein of Jembrana Disease Virus. Journal of Biological Chemistry, 2007, 282, 28800-28806.	1.6	17
138	A novel microtubule-modulating agent EM011 inhibits angiogenesis by repressing the HIF-1α axis and disrupting cell polarity and migration. Carcinogenesis, 2012, 33, 1769-1781.	1.3	17
139	CYLD Regulates Noscapine Activity in Acute Lymphoblastic Leukemia via a Microtubule-Dependent Mechanism. Theranostics, 2015, 5, 656-666.	4.6	17
140	Regulation of mitotic spindle orientation during epidermal stratification. Journal of Cellular Physiology, 2017, 232, 1634-1639.	2.0	17
141	Mixed-lineage leukemia protein 2 suppresses ciliary assembly by the modulation of actin dynamics and vesicle transport. Cell Discovery, 2019, 5, 33.	3.1	17
142	Inconspicuous Reactions Identified by Improved Precision of Plasmonic Scattering Dark-Field Microscopy Imaging Using Silver Shell-Isolated Nanoparticles as Internal References. Analytical Chemistry, 2019, 91, 3002-3008.	3.2	17
143	Apoptosis signal-regulating kinase 1 exhibits oncogenic activity in pancreatic cancer. Oncotarget, 2016, 7, 75155-75164.	0.8	17
144	Small-molecule inhibition of Aurora kinases triggers spindle checkpoint-independent apoptosis in cancer cells. Biochemical Pharmacology, 2008, 75, 1027-1034.	2.0	16

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145	Relaxation transition due to different cooling processes in a superconducting levitation system. Journal of Applied Physics, 2008, 103, 123901.	1.1	16
146	Regulation of tumor angiogenesis by the microtubule-binding protein CLIP-170. Protein and Cell, 2013, 4, 266-276.	4.8	16
147	Systematic Analysis of the Functions of Lysine Acetylation in the Regulation of Tat Activity. PLoS ONE, 2013, 8, e67186.	1.1	16
148	Amide group-containing polar solvents as ligands for iron-catalyzed atom transfer radical polymerization of methyl methacrylate. RSC Advances, 2015, 5, 43724-43732.	1.7	16
149	Accurate Quantification of Disease Markers in Human Serum Using Iron Oxide Nanoparticle-linked Immunosorbent Assay. Theranostics, 2016, 6, 1353-1361.	4.6	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. Cell Discovery, 2017, 3, 17032.	3.1	16
152	Primary cilia in corneal development and disease. Zoological Research, 2020, 41, 495-502.	0.9	16
153	Discovery of Centrosomal Protein 70 as an Important Player in the Development and Progression of Breast Cancer. American Journal of Pathology, 2017, 187, 679-688.	1.9	15
154	Phase separation as a therapeutic target in tight junction-associated human diseases. Acta Pharmacologica Sinica, 2020, 41, 1310-1313.	2.8	15
155	A non-mitotic role for Eg5 in regulating cilium formation and sonic hedgehog signaling. Science Bulletin, 2021, 66, 1620-1620.	4.3	15
156	miR-21-5p promotes cell proliferation by targeting BCL11B in Thp-1 cells. Oncology Letters, 2020, 21, 119.	0.8	15
157	Synthesis and Self-Assembly of Perylenetetracarboxylic Diimide Derivatives with Helical Oligo( <scp>l</scp> -lactic acid) <sub><i>n</i></sub> Segments. Langmuir, 2012, 28, 14386-14394.	1.6	14
158	Phosphoregulation of the dimerization and functions of end-binding protein 1. Protein and Cell, 2014, 5, 795-799.	4.8	14
159	STAT3 Association with Microtubules and Its Activation Are Independent of HDAC6 Activity. DNA and Cell Biology, 2015, 34, 290-295.	0.9	14
160	Apoptosis-linked gene 2 promotes breast cancer growth and metastasis by regulating the cytoskeleton. Oncotarget, 2017, 8, 2745-2757.	0.8	14
161	A Label-Free Electrochemical Immunosensor for Detection of the Tumor Marker CA242 Based on Reduced Graphene Oxide-Gold-Palladium Nanocomposite. Nanomaterials, 2019, 9, 1335.	1.9	14
162	The bHLH transcription factor PPLS1 regulates the color of pulvinus and leaf sheath in foxtail millet (Setaria italica). Theoretical and Applied Genetics, 2020, 133, 1911-1926.	1.8	14

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163	In situ investigating the size-dependent scattering signatures and sensing sensitivity of single silver nanocube through a multi-model approach. Journal of Colloid and Interface Science, 2021, 584, 253-262.	5.0	14
164	Multifaceted roles of centrosomes in development, health, and disease. Journal of Molecular Cell Biology, 2021, 13, 611-621.	1.5	14
165	Phosphorylation of EB1 regulates the recruitment of CLIP-170 and p150glued to the plus ends of astral microtubules. Oncotarget, 2017, 8, 9858-9867.	0.8	14
166	An electrochemical biosensor for the assessment of tumor immunotherapy based on the detection of immune checkpoint protein programmed death ligand-1. Biosensors and Bioelectronics, 2022, 207, 114166.	5.3	14
167	Targeting the HDAC6 ilium Axis Ameliorates the Pathological Changes Associated with Retinopathy of Prematurity. Advanced Science, 2022, 9, .	5.6	14
168	BTat, a trans-acting regulatory protein, contributes to bovine immunodeficiency virus-induced apoptosis. Cellular Microbiology, 2007, 10, 070723152042001-???.	1.1	13
169	Cep70 promotes microtubule assembly <italic>in vitro</italic> by increasing microtubule elongation. Acta Biochimica Et Biophysica Sinica, 2012, 44, 450-454.	0.9	13
170	CYLD Regulates RhoA Activity by Modulating LARG Ubiquitination. PLoS ONE, 2013, 8, e55833.	1.1	13
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