

Jun Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

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	Enkurin domain containing 1 (ENKD1) regulates the proliferation, migration and invasion of non-small cell lung cancer cells. <i>Asia-Pacific Journal of Clinical Oncology</i> , 2022, 18, .	1.1	7
2	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
3	Efficient Dye Contaminant Elimination and Simultaneously Electricity Production via a Bi-Doped TiO ₂ Photocatalytic Fuel Cell. <i>Nanomaterials</i> , 2022, 12, 210.	4.1	6
4	Investigation of the Crystallization Characteristics of Intermediate States in Ge ₂ Sb ₂ Te ₅ Thin Films Induced by Nanosecond Multi-Pulsed Laser Irradiation. <i>Nanomaterials</i> , 2022, 12, 536.	4.1	1
5	ENKD1 promotes epidermal stratification by regulating spindle orientation in basal keratinocytes. <i>Cell Death and Differentiation</i> , 2022, 29, 1719-1729.	11.2	8
6	ENKD1 promotes CP110 removal through competing with CEP97 to initiate ciliogenesis. <i>EMBO Reports</i> , 2022, 23, e54090.	4.5	13
7	Natural Seeder-Feeder Process Originating From Mixed-Phase Clouds Observed With Polarization Lidar and Radiosonde at a Mid-Latitude Plain Site. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	3.3	8
8	High Resolution of Plasmonic Resonance Scattering Imaging with Deep Learning. <i>Analytical Chemistry</i> , 2022, 94, 4610-4616.	6.5	7
9	INPP5E and Coordination of Signaling Networks in Cilia. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, 885592.	3.5	7
10	An electrochemical biosensor for the assessment of tumor immunotherapy based on the detection of immune checkpoint protein programmed death ligand-1. <i>Biosensors and Bioelectronics</i> , 2022, 207, 114166.	10.1	14
11	Energy Flow during the Plasmon Resonance-Driven Photocatalytic Reactions on Single Nanoparticles. <i>ACS Catalysis</i> , 2022, 12, 847-853.	11.2	10
12	NuMA forms condensates through phase separation to drive spindle pole assembly. <i>Journal of Molecular Cell Biology</i> , 2022, 14, .	3.3	11
13	Regulation of the HBV Entry Receptor NTCP and its Potential in Hepatitis B Treatment. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, 879817.	3.5	8
14	Dynamic O-GlcNAcylation coordinates ferritinophagy and mitophagy to activate ferroptosis. <i>Cell Discovery</i> , 2022, 8, 40.	6.7	62
15	Targeting the HDAC6-Cilium Axis Ameliorates the Pathological Changes Associated with Retinopathy of Prematurity. <i>Advanced Science</i> , 2022, 9, .	11.2	14
16	Path Planning and Trajectory Tracking for Automatic Guided Vehicles. <i>Computational Intelligence and Neuroscience</i> , 2022, 2022, 1-11.	1.7	2
17	Redox-dependent regulation of end-binding protein 1 activity by glutathionylation. <i>Science China Life Sciences</i> , 2021, 64, 575-583.	4.9	25
18	Melanosome transport and regulation in development and disease. , 2021, 219, 107707.		27

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19	In situ investigating the size-dependent scattering signatures and sensing sensitivity of single silver nanocube through a multi-model approach. <i>Journal of Colloid and Interface Science</i> , 2021, 584, 253-262.	9.4	14
20	A cilium-independent role for intraflagellar transport 88 in regulating angiogenesis. <i>Science Bulletin</i> , 2021, 66, 727-739.	9.0	24
21	Virulence factors impair epithelial junctions during bacterial infection. <i>Journal of Clinical Laboratory Analysis</i> , 2021, 35, e23627.	2.1	13
22	USP21 promotes cell proliferation by maintaining the EZH2 level in diffuse large B-cell lymphoma. <i>Journal of Clinical Laboratory Analysis</i> , 2021, 35, e23693.	2.1	11
23	HIV-1 exposure promotes PKG1-mediated phosphorylation and degradation of stathmin to increase epithelial barrier permeability. <i>Journal of Biological Chemistry</i> , 2021, 296, 100644.	3.4	9
24	Automated Plasmonic Resonance Scattering Imaging Analysis via Deep Learning. <i>Analytical Chemistry</i> , 2021, 93, 2619-2626.	6.5	25
25	Research on outdoor AGV precise navigation based on BDS/INS data fusion. <i>Journal of Intelligent and Fuzzy Systems</i> , 2021, 41, 4295-4306.	1.4	3
26	Direct visualization of photo-induced disulfide through oxidative coupling of <i>p</i> -aminothiophenol. <i>Chemical Communications</i> , 2021, 57, 4190-4193.	4.1	4
27	Fibrogranular materials function as organizers to ensure the fidelity of multiciliary assembly. <i>Nature Communications</i> , 2021, 12, 1273.	12.8	21
28	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
29	The decrease of intraflagellar transport impairs sensory perception and metabolism in ageing. <i>Nature Communications</i> , 2021, 12, 1789.	12.8	8
30	Orientation-independent reaction activity monitoring with single particle and data analytics. <i>Journal of Colloid and Interface Science</i> , 2021, 590, 458-466.	9.4	5
31	Potential role for the tumor suppressor CYLD in brain and notochord development. <i>Thoracic Cancer</i> , 2021, 12, 1900-1908.	1.9	4
32	CYLD deficiency causes auditory neuropathy due to reduced neurite outgrowth. <i>Journal of Clinical Laboratory Analysis</i> , 2021, 35, e23783.	2.1	6
33	High-resolution mechanical mapping of the adhesiveâ€œdentin interface: The effect of co-monomers in 10-methacryloyloxydecyl dihydrogen phosphate. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 117, 104389.	3.1	5
34	SYP-5 regulates meiotic thermotolerance in <i>Caenorhabditis elegans</i> . <i>Journal of Molecular Cell Biology</i> , 2021, 13, 662-675.	3.3	7
35	Multifaceted roles of centrosomes in development, health, and disease. <i>Journal of Molecular Cell Biology</i> , 2021, 13, 611-621.	3.3	14
36	Functions and Diseases of the Retinal Pigment Epithelium. <i>Frontiers in Pharmacology</i> , 2021, 12, 727870.	3.5	75

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37	Primary cilia in retinal pigment epithelium development and diseases. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 9084-9088.	3.6	7
38	The Kinocilia of Cochlear Hair Cells: Structures, Functions, and Diseases. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 715037.	3.7	18
39	Weak Reaction Scatterometry of Plasmonic Resonance Light Scattering with Machine Learning. <i>Analytical Chemistry</i> , 2021, 93, 12131-12138.	6.5	13
40	Identification of Quantitative Trait Loci Controlling the Development of Prickles in Eggplant by Genome Re-sequencing Analysis. <i>Frontiers in Plant Science</i> , 2021, 12, 731079.	3.6	9
41	Wdr47, Camsaps, and Katanin cooperate to generate ciliary central microtubules. <i>Nature Communications</i> , 2021, 12, 5796.	12.8	22
42	The specialized mitotic behavior of human embryonic stem cells. <i>Cell and Tissue Research</i> , 2021, , 1.	2.9	3
43	Thermally Tunable Orbital Angular Momentum Mode Generator Based on Dual-Core Photonic Crystal Fibers. <i>Nanomaterials</i> , 2021, 11, 3256.	4.1	1
44	Microtubule-interfering agents, spindle defects, and interkinetochore tension. <i>Journal of Cellular Physiology</i> , 2020, 235, 26-30.	4.1	6
45	An electrochemical biosensor for the detection of epithelial-mesenchymal transition. <i>Nature Communications</i> , 2020, 11, 192.	12.8	69
46	Overexpression of <i>oxyR</i> Increases Phenazine-1-Carboxylic Acid Biosynthesis via Small RNA <i>phrS</i> in the Rhizobacterium Strain <i>Pseudomonas</i> PA1201. <i>Molecular Plant-Microbe Interactions</i> , 2020, 33, 488-498.	2.6	4
47	BAG6 is a novel microtubule-binding protein that regulates ciliogenesis by modulating the cell cycle and interacting with β -tubulin. <i>Experimental Cell Research</i> , 2020, 387, 111776.	2.6	4
48	Effect of vibration frequency on frictional resistance of brain tissue during vibration-assisted needle insertion. <i>Medical Engineering and Physics</i> , 2020, 86, 35-40.	1.7	5
49	The Primary Cilium as a Therapeutic Target in Ocular Diseases. <i>Frontiers in Pharmacology</i> , 2020, 11, 977.	3.5	9
50	Histone Deacetylase 6 as a Therapeutic Target in B cell-associated Hematological Malignancies. <i>Frontiers in Pharmacology</i> , 2020, 11, 971.	3.5	7
51	Targeting the photoreceptor cilium for the treatment of retinal diseases. <i>Acta Pharmacologica Sinica</i> , 2020, 41, 1410-1415.	6.1	13
52	Phase separation as a therapeutic target in tight junction-associated human diseases. <i>Acta Pharmacologica Sinica</i> , 2020, 41, 1310-1313.	6.1	15
53	Functions of Endothelial Cilia in the Regulation of Vascular Barriers. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 626.	3.7	20
54	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

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55	Orientation of the Mitotic Spindle in Blood Vessel Development. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 583325.	3.7	3
56	Broadband Plasmonic Polarization Filter Based on Photonic Crystal Fiber with Dual-Ring Gold Layer. <i>Micromachines</i> , 2020, 11, 470.	2.9	10
57	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
58	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
59	Numerical Analysis of Midinfrared D-Shaped Photonic-Crystal-Fiber Sensor Based on Surface-Plasmon-Resonance Effect for Environmental Monitoring. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3897.	2.5	29
60	The bHLH transcription factor PPLS1 regulates the color of pulvinus and leaf sheath in foxtail millet (<i>Setaria italica</i>). <i>Theoretical and Applied Genetics</i> , 2020, 133, 1911-1926.	3.6	14
61	O-GlcNAc transferase regulates centriole behavior and intraflagellar transport to promote ciliogenesis. <i>Protein and Cell</i> , 2020, 11, 852-857.	11.0	23
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	New Insights Into Functions of IQ67-Domain Proteins. <i>Frontiers in Plant Science</i> , 2020, 11, 614851.	3.6	10
64	Multivalent weak interactions between assembly units drive synaptonemal complex formation. <i>Journal of Cell Biology</i> , 2020, 219, .	5.2	29
65	Primary cilia in corneal development and disease. <i>Zoological Research</i> , 2020, 41, 495-502.	2.1	16
66	miR-21-5p promotes cell proliferation by targeting BCL11B in Thp-1 cells. <i>Oncology Letters</i> , 2020, 21, 119.	1.8	15
67	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
68	Intrafraction 4D cone beam CT acquired during volumetric arc radiotherapy delivery: kV parameter optimization and 4D motion accuracy for lung stereotactic body radiotherapy (SBRT) patients. <i>Journal of Applied Clinical Medical Physics</i> , 2019, 20, 10-24.	1.9	9
69	Regulation of mitotic spindle orientation by phosphorylation of end binding protein 1. <i>Experimental Cell Research</i> , 2019, 384, 111618.	2.6	7
70	A Label-Free Electrochemical Immunosensor for Detection of the Tumor Marker CA242 Based on Reduced Graphene Oxide-Gold-Palladium Nanocomposite. <i>Nanomaterials</i> , 2019, 9, 1335.	4.1	14
71	Targeted inhibition of histone deacetylase 6 in inflammatory diseases. <i>Thoracic Cancer</i> , 2019, 10, 405-412.	1.9	37
72	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

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73	From ecosystems to human welfare: the role and conservation of biodiversity. <i>Ciencia Rural</i> , 2019, 49, .	0.5	1
74	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
75	Parental centrioles are dispensable for deuterosome formation and function during basal body amplification. <i>EMBO Reports</i> , 2019, 20, .	4.5	41
76	Altering microtubule stability affects microtubule clearance and nuclear extrusion during erythropoiesis. <i>Journal of Cellular Physiology</i> , 2019, 234, 19833-19841.	4.1	3
77	Electrochemical Biosensors for Detection of Foodborne Pathogens. <i>Micromachines</i> , 2019, 10, 222.	2.9	70
78	Targeting MC1R depalmitoylation to prevent melanomagenesis in redheads. <i>Nature Communications</i> , 2019, 10, 877.	12.8	48
79	Terahertz Spectra Study on Chemical Constituents from <i>Amalocalyx Yunnanensis</i> . , 2019, , .		0
80	Disruptor of telomeric silencing 1-like (DOT1L) is involved in breast cancer metastasis via transcriptional regulation of MALAT1 and ZEB2. <i>Journal of Genetics and Genomics</i> , 2019, 46, 591-594.	3.9	10
81	Ciliary defects caused by dysregulation of O-GlcNAc modification are associated with diabetic complications. <i>Cell Research</i> , 2019, 29, 171-173.	12.0	28
82	Quantitative/qualitative analysis of adhesive-dentin interface in the presence of 10-methacryloyl- γ -dodecyl dihydrogen phosphate. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019, 92, 71-78.	3.1	13
83	CYLD deficiency promotes pancreatic cancer development by causing mitotic defects. <i>Journal of Cellular Physiology</i> , 2019, 234, 9723-9732.	4.1	12
84	Nanomechanical characterization of time-dependent deformation/recovery on human dentin caused by radiation-induced glycation. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019, 90, 248-255.	3.1	7
85	Exceptional contact elasticity of human enamel in nanoindentation test. <i>Dental Materials</i> , 2019, 35, 87-97.	3.5	13
86	Iron and steel ladles tracking management system based on RFID and WLAN. <i>Journal of Engineering</i> , 2019, 2019, 8310-8314.	1.1	2
87	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
88	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
89	The protective role of DOT1L in UV-induced melanomagenesis. <i>Nature Communications</i> , 2018, 9, 259.	12.8	63
90	Molecular mechanisms underlying stress response and adaptation. <i>Thoracic Cancer</i> , 2018, 9, 218-227.	1.9	21

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91	Aberrant regulation of autophagy in mammalian diseases. <i>Biology Letters</i> , 2018, 14, 20170540.	2.3	56
92	Application of biosensors to detection of epidemic diseases in animals. <i>Research in Veterinary Science</i> , 2018, 118, 444-448.	1.9	44
93	Use of animal models for the imaging and quantification of angiogenesis. <i>Experimental Animals</i> , 2018, 67, 1-6.	1.1	37
94	Activated proline-rich tyrosine kinase 2 regulates meiotic spindle assembly in the mouse oocyte. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 736-747.	2.6	6
95	Hydrogen bonding improved atom transfer radical polymerization of methyl methacrylate with a glycerol/1,3-dimethylimidazolidinone green system. <i>Journal of Polymer Science Part A</i> , 2018, 56, 282-289.	2.3	7
96	Tenocyte proliferation and migration promoted by rat bone marrow mesenchymal stem cell-derived conditioned medium. <i>Biotechnology Letters</i> , 2018, 40, 215-224.	2.2	26
97	Non-canonical function of Tat in regulating host microtubule dynamics: Implications for the pathogenesis of lentiviral infections. , 2018, 182, 28-32.		5
98	Characterization of a novel EB1 acetylation site important for the regulation of microtubule dynamics and cargo recruitment. <i>Journal of Cellular Physiology</i> , 2018, 233, 2581-2589.	4.1	7
99	Changed Graphene THz Conductivity Mapping under E-beam Excitation. , 2018, , .		0
100	Histone deacetylase 6 modulates macrophage infiltration during inflammation. <i>Theranostics</i> , 2018, 8, 2927-2938.	10.0	35
101	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
102	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
103	Non-canonical functions of the mitotic kinesin Eg5. <i>Thoracic Cancer</i> , 2018, 9, 904-910.	1.9	9
104	A galvanic exchange process visualized on single silver nanoparticles <i>via</i> dark-field microscopy imaging. <i>Nanoscale</i> , 2018, 10, 12805-12812.	5.6	27
105	Deregulated ALC2/HEBP2 axis alters microtubule dynamics and mitotic spindle behavior to stimulate cancer development. <i>Journal of Cellular Physiology</i> , 2017, 232, 3067-3076.	4.1	8
106	Orientation of the Mitotic Spindle in the Development of Tubular Organs. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 1630-1633.	2.6	7
107	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
108	Photoinduced Electron Transfer Process Visualized on Single Silver Nanoparticles. <i>ACS Nano</i> , 2017, 11, 2085-2093.	14.6	75

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109	Overexpression of Hdac6 extends reproductive lifespan in mice. <i>Protein and Cell</i> , 2017, 8, 360-364.	11.0	12
110	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
111	Approach to Fabricating a Compact Gold Nanoparticle Film with the Assistance of a Surfactant. <i>Langmuir</i> , 2017, 33, 6732-6738.	3.5	6
112	Modeling and Application of Gas Pressure Measurement in Water-Saturated Coal Seam Based on Methane Solubility. <i>Transport in Porous Media</i> , 2017, 119, 163-179.	2.6	13
113	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
114	Regulation of mitotic spindle orientation during epidermal stratification. <i>Journal of Cellular Physiology</i> , 2017, 232, 1634-1639.	4.1	17
115	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
116	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
117	Microtubule-binding protein FOR20 promotes microtubule depolymerization and cell migration. <i>Cell Discovery</i> , 2017, 3, 17032.	6.7	16
118	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
119	Palmitoylation-dependent activation of MC1R prevents melanomagenesis. <i>Nature</i> , 2017, 549, 399-403.	27.8	143
120	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
121	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
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	Research on the parameters of porcine brain tissue under compression. , 2017, , .		0
124	Harnessing Plant Biodiversity for the Discovery of Novel Anticancer Drugs Targeting Microtubules. <i>Frontiers in Plant Science</i> , 2017, 8, 720.	3.6	61
125	Centrosomal Protein 70 Is a Mediator of Paclitaxel Sensitivity. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1267.	4.1	7
126	HDAC6 regulates IL-17 expression in T lymphocytes: implications for HDAC6-targeted therapies. <i>Theranostics</i> , 2017, 7, 1002-1009.	10.0	29

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127	Apoptosis-linked gene 2 promotes breast cancer growth and metastasis by regulating the cytoskeleton. <i>Oncotarget</i> , 2017, 8, 2745-2757.	1.8	14
128	Phosphorylation of EB1 regulates the recruitment of CLIP-170 and p150glued to the plus ends of astral microtubules. <i>Oncotarget</i> , 2017, 8, 9858-9867.	1.8	14
129	A nanocomposite-based electrochemical sensor for non-enzymatic detection of hydrogen peroxide. <i>Oncotarget</i> , 2017, 8, 13039-13047.	1.8	28
130	The B-box module of CYLD is responsible for its intermolecular interaction and cytoplasmic localization. <i>Oncotarget</i> , 2017, 8, 50889-50895.	1.8	6
131	EB1 phosphorylation mediates the functions of ASK1 in pancreatic cancer development. <i>Oncotarget</i> , 2017, 8, 98233-98241.	1.8	4
132	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
133	Proto-Oncogenic Src Phosphorylates EB1 to Regulate the Microtubule-Focal Adhesion Crosstalk and Stimulate Cell Migration. <i>Theranostics</i> , 2016, 6, 2129-2140.	10.0	25
134	Microtubule-binding Proteins as Promising Biomarkers of Paclitaxel Sensitivity in Cancer Chemotherapy. <i>Medicinal Research Reviews</i> , 2016, 36, 300-312.	10.5	45
135	ASK1 controls spindle orientation and positioning by phosphorylating EB1 and stabilizing astral microtubules. <i>Cell Discovery</i> , 2016, 2, 16033.	6.7	34
136	Cep70 overexpression stimulates pancreatic cancer by inducing centrosome abnormality and microtubule disorganization. <i>Scientific Reports</i> , 2016, 6, 21263.	3.3	13
137	CYLD is a deubiquitylase that acts to fine-tune microtubule properties and functions. <i>Journal of Cell Science</i> , 2016, 129, 2289-95.	2.0	26
138	HSI colour-coded analysis of scattered light of single plasmonic nanoparticles. <i>Nanoscale</i> , 2016, 8, 11467-11471.	5.6	39
139	Diverse roles of HDAC6 in viral infection: Implications for antiviral therapy. , 2016, 164, 120-125.		16
140	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
141	Fully synthetic self-adjuvanting MUC1-fibroblast stimulating lipopeptide 1 conjugates as potential cancer vaccines. <i>Chemical Communications</i> , 2016, 52, 10886-10889.	4.1	28
142	Tetrasomic inheritance pattern of the pentaploid <i>Solanum chacoense</i> (+) <i>S. tuberosum</i> somatic hybrid (resistant to bacterial wilt) revealed by SSR detected alleles. <i>Plant Cell, Tissue and Organ Culture</i> , 2016, 127, 315-323.	2.3	10
143	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
144	Ciliopathies: Does HDAC6 Represent a New Therapeutic Target?. <i>Trends in Pharmacological Sciences</i> , 2016, 37, 114-119.	8.7	34

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145	Apoptosis signal-regulating kinase 1 exhibits oncogenic activity in pancreatic cancer. <i>Oncotarget</i> , 2016, 7, 75155-75164.	1.8	17
146	Functional interplay between cylindromatosis and histone deacetylase 6 in ciliary homeostasis revealed by phenotypic analysis of double knockout mice. <i>Oncotarget</i> , 2016, 7, 27527-27537.	1.8	8
147	Synthesis and Biological Evaluations of Cytotoxic and Antiangiogenic Triterpenoids-Jacaranone Conjugates. <i>Medicinal Chemistry</i> , 2016, 12, 775-785.	1.5	3
148	Living radical polymerization of vinyl acetate mediated by iron(III) acetylacetonate in the presence of a reducing agent. <i>RSC Advances</i> , 2015, 5, 96345-96352.	3.6	4
149	Identification of novel microtubule-binding proteins by taxol-mediated microtubule stabilization and mass spectrometry analysis. <i>Thoracic Cancer</i> , 2015, 6, 649-654.	1.9	12
150	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
151	Deacetylation of α -tubulin and cortactin is required for HDAC6 to trigger ciliary disassembly. <i>Scientific Reports</i> , 2015, 5, 12917.	3.3	129
152	The Noscapine Chronicle: A Pharmacological-Historic Biography of the Opiate Alkaloid Family and its Clinical Applications. <i>Medicinal Research Reviews</i> , 2015, 35, 1072-1096.	10.5	97
153	CYLD Regulates Noscapine Activity in Acute Lymphoblastic Leukemia via a Microtubule-Dependent Mechanism. <i>Theranostics</i> , 2015, 5, 656-666.	10.0	17
154	Multifunctional Fe ₂ O ₃ @PPy-PEG nanocomposite for combination cancer therapy with MR imaging. <i>Nanotechnology</i> , 2015, 26, 425101.	2.6	26
155	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
156	STAT3 Association with Microtubules and Its Activation Are Independent of HDAC6 Activity. <i>DNA and Cell Biology</i> , 2015, 34, 290-295.	1.9	14
157	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
158	Cep70 regulates microtubule stability by interacting with HDAC6. <i>FEBS Letters</i> , 2015, 589, 1771-1777.	2.8	20
159	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
160	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
161	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
162	HDAC6 Deacetylase Activity Is Critical for Lipopolysaccharide-Induced Activation of Macrophages. <i>PLoS ONE</i> , 2014, 9, e110718.	2.5	56

#	ARTICLE	IF	CITATIONS
163	Microtubule-Associated Protein Mdp3 Promotes Breast Cancer Growth and Metastasis. <i>Theranostics</i> , 2014, 4, 1052-1061.	10.0	27
164	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
165	Modulation of Eg5 activity contributes to mitotic spindle checkpoint activation and Tat-mediated apoptosis in CD4 ⁺ lymphocytes. <i>Journal of Pathology</i> , 2014, 233, 138-147.	4.5	19
166	Phosphoregulation of the dimerization and functions of end-binding protein 1. <i>Protein and Cell</i> , 2014, 5, 795-799.	11.0	14
167	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
168	CYLD coordinates with EB1 to regulate microtubule dynamics and cell migration. <i>Cell Cycle</i> , 2014, 13, 974-983.	2.6	31
169	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
170	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
171	CYLD mediates ciliogenesis in multiple organs by deubiquitinating Cep70 and inactivating HDAC6. <i>Cell Research</i> , 2014, 24, 1342-1353.	12.0	87
172	End-binding protein 1 stimulates paclitaxel sensitivity in breast cancer by promoting its actions toward microtubule assembly and stability. <i>Protein and Cell</i> , 2014, 5, 469-479.	11.0	28
173	CYLD negatively regulates Hippo signaling by limiting Hpo phosphorylation in <i>Drosophila</i> . <i>Biochemical and Biophysical Research Communications</i> , 2014, 452, 808-812.	2.1	13
174	Identification of a cytoplasmic linker protein as a potential target for neovascularization. <i>Atherosclerosis</i> , 2014, 233, 403-409.	0.8	6
175	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
176	Thermal Stresses in the Large Grain YBaCuO Superconductors During Zero Field Cooling. <i>Journal of Superconductivity and Novel Magnetism</i> , 2013, 26, 87-92.	1.8	3
177	Parkin deficiency contributes to pancreatic tumorigenesis by inducing spindle multipolarity and misorientation. <i>Cell Cycle</i> , 2013, 12, 1133-1141.	2.6	55
178	Regulation of tumor angiogenesis by the microtubule-binding protein CLIP-170. <i>Protein and Cell</i> , 2013, 4, 266-276.	11.0	16
179	Systematic Analysis of the Functions of Lysine Acetylation in the Regulation of Tat Activity. <i>PLoS ONE</i> , 2013, 8, e67186.	2.5	16
180	Contact electrification by collision of homogenous particles. <i>Journal of Applied Physics</i> , 2013, 113, .	2.5	43

#	ARTICLE	IF	CITATIONS
181	CYLD Regulates RhoA Activity by Modulating LARG Ubiquitination. <i>PLoS ONE</i> , 2013, 8, e55833.	2.5	13
182	Histone deacetylase 6 and cytoplasmic linker protein 170 function together to regulate the motility of pancreatic cancer cells. <i>Protein and Cell</i> , 2013, , .	11.0	1
183	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
184	Cep70 promotes microtubule assembly <itali>in vitro<itali> by increasing microtubule elongation. <i>Acta Biochimica Et Biophysica Sinica</i> , 2012, 44, 450-454.	2.0	13
185	Validation of Polo-like kinase 1 as a therapeutic target in pancreatic cancer cells. <i>Cancer Biology and Therapy</i> , 2012, 13, 1214-1220.	3.4	10
186	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
187	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
188	Reactive Oxygen Species-Induced Actin Glutathionylation Controls Actin Dynamics in Neutrophils. <i>Immunity</i> , 2012, 37, 1037-1049.	14.3	174
189	Synthesis and Self-Assembly of Perylenetetracarboxylic Diimide Derivatives with Helical Oligo(<sc>lactac acid</sc> Segments. <i>Langmuir</i> , 2012, 28, 14386-14394.	3.5	14
190	Regulation of Vascular Endothelial Cell Polarization and Migration by Hsp70/Hsp90-Organizing Protein. <i>PLoS ONE</i> , 2012, 7, e36389.	2.5	31
191	Microtubule-binding protein CLIP170 is a mediator of paclitaxel sensitivity. <i>Journal of Pathology</i> , 2012, 226, 666-673.	4.5	45
192	Inhibition of farnesyltransferase reduces angiogenesis by interrupting endothelial cell migration. <i>Biochemical Pharmacology</i> , 2012, 83, 1374-1382.	4.4	11
193	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
194	A novel microtubule-modulating nospapinoid triggers apoptosis by inducing spindle multipolarity via centrosome amplification and declustering. <i>Cell Death and Differentiation</i> , 2011, 18, 632-644.	11.2	61
195	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
196	Tat acetylation regulates its actions on microtubule dynamics and apoptosis in T lymphocytes. <i>Journal of Pathology</i> , 2011, 223, 28-36.	4.5	29
197	Mdp3 is a novel microtubule-binding protein that regulates microtubule assembly and stability. <i>Cell Cycle</i> , 2011, 10, 3929-3937.	2.6	43
198	Dimethylenastron 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

#	ARTICLE	IF	CITATIONS
199	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
200	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
201	Parkin Ubiquitinates Drp1 for Proteasome-dependent Degradation. <i>Journal of Biological Chemistry</i> , 2011, 286, 11649-11658.	3.4	310
202	CYLD regulates angiogenesis by mediating vascular endothelial cell migration. <i>Blood</i> , 2010, 115, 4130-4137.	1.4	73
203	Non-toxic melanoma therapy by a novel tubulin-binding agent. <i>International Journal of Cancer</i> , 2010, 126, 256-265.	5.1	31
204	Oncogenic function of microtubule end-binding protein 1 in breast cancer. <i>Journal of Pathology</i> , 2010, 220, 361-369.	4.5	71
205	Ectopic expression of the microtubule-dependent motor protein Eg5 promotes pancreatic tumorigenesis. <i>Journal of Pathology</i> , 2010, 221, 221-228.	4.5	76
206	Tumour suppressor CYLD is a negative regulator of the mitotic kinase AuroraB. <i>Journal of Pathology</i> , 2010, 221, 425-432.	4.5	31
207	Microtubule-dependent retrograde transport of bovine immunodeficiency virus. <i>Cellular Microbiology</i> , 2010, 12, 1098-1107.	2.1	31
208	Reform of Computer Graphics Teaching Method. , 2010, , .		1
209	Jump properties of the tip magnetic field of a notch in a melt-processes yttrium-barium-copper-oxide bulk. <i>Journal of Applied Physics</i> , 2010, 107, .	2.5	3
210	Synthesis and Antiviral Activities of β -Aminophosphonate Derivatives Containing a Pyridazine Moiety. Phosphorus, Sulfur and Silicon and the Related Elements, 2010, 186, 81-87.	1.6	35
211	The Protein Farnesyltransferase Regulates HDAC6 Activity in a Microtubule-dependent Manner. <i>Journal of Biological Chemistry</i> , 2009, 284, 9648-9655.	3.4	36
212	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
213	Influencing Factors of Levitation Drift Caused by Magnet Vibration. <i>Journal of Superconductivity and Novel Magnetism</i> , 2009, 22, 855-859.	1.8	1
214	Parkin regulates paclitaxel sensitivity in breast cancer via a microtubule-dependent mechanism. <i>Journal of Pathology</i> , 2009, 218, 76-85.	4.5	46
215	Modulation of multidrug resistance in cancer cells by the E3 ubiquitin ligase seveninabsentia homologue 1. <i>Journal of Pathology</i> , 2008, 214, 508-514.	4.5	27
216	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

#	ARTICLE	IF	CITATIONS
217	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
218	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
219	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
220	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
221	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
222	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
223	IFP35 Is Involved in the Antiviral Function of Interferon by Association with the Viral Tat Transactivator of Bovine Foamy Virus. <i>Journal of Virology</i> , 2008, 82, 4275-4283.	3.4	60
224	Relaxation transition due to different cooling processes in a superconducting levitation system. <i>Journal of Applied Physics</i> , 2008, 103, 123901.	2.5	16
225	Regulation of Microtubule Assembly and Stability by the Transactivator of Transcription Protein of Jembrana Disease Virus. <i>Journal of Biological Chemistry</i> , 2007, 282, 28800-28806.	3.4	17
226	PO2-dependent Differential Regulation of Multidrug Resistance 1 Gene Expression by the c-Jun NH2-terminal Kinase Pathway*. <i>Journal of Biological Chemistry</i> , 2007, 282, 17581-17586.	3.4	28
227	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
228	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
229	BTat, a trans-acting regulatory protein, contributes to bovine immunodeficiency virus-induced apoptosis. <i>Cellular Microbiology</i> , 2007, 10, 070723152042001-???	2.1	13
230	Contamination and browning in tissue culture of <i>Platanus occidentalis</i> L.. <i>Forestry Studies in China</i> , 2007, 9, 279-282.	0.4	11
231	Analysis of Microtubule-Mediated Intracellular Viral Transport. <i>Methods in Molecular Medicine</i> , 2007, 137, 175-180.	0.8	1
232	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
233	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
234	Rational Design of the Microtubule-Targeting Anti-Breast Cancer Drug EM015. <i>Cancer Research</i> , 2006, 66, 3782-3791.	0.9	58

#	ARTICLE	IF	CITATIONS
235	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
236	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
237	Farnesyltransferase Inhibitors Reverse Taxane Resistance. <i>Cancer Research</i> , 2006, 66, 8838-8846.	0.9	32
238	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
239	Targeting Microtubules for Cancer Chemotherapy. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2005, 5, 65-71.	7.0	374
240	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
241	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
242	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
243	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
244	Enhancement of paclitaxel-induced microtubule stabilization, mitotic arrest, and apoptosis by the microtubule-targeting agent EM012. <i>Biochemical Pharmacology</i> , 2004, 68, 2435-2441.	4.4	28
245	Microtubule-interacting drugs for cancer treatment. <i>Trends in Pharmacological Sciences</i> , 2003, 24, 361-365.	8.7	164
246	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
247	Attachment and tension in the spindle assembly checkpoint. <i>Journal of Cell Science</i> , 2002, 115, 3547-3555.	2.0	134
248	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
249	Minor Alteration of Microtubule Dynamics Causes Loss of Tension across Kinetochore Pairs and Activates the Spindle Checkpoint. <i>Journal of Biological Chemistry</i> , 2002, 277, 17200-17208.	3.4	134
250	Regulation of tubulin synthesis and cell cycle progression in mammalian cells by β -tubulin-mediated microtubule nucleation. <i>Journal of Cellular Biochemistry</i> , 2002, 84, 472-483.	2.6	22
251	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, 472-83.	2.6	4
252	Sustained Activation of p34 Is Required for Noscapine-induced Apoptosis. <i>Journal of Biological Chemistry</i> , 2001, 276, 46697-46700.	3.4	37

#	ARTICLE	IF	CITATIONS
253	A cyanine-based dual-modal probe for fluorimetric detection of mercury ion and colorimetric sensing of pH . <i>Coloration Technology</i> , 0, , .	1.5	4