

# Qing-Yu He

## List of Publications by Year in descending order

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277  
papers

38,006  
citations

31976

53  
h-index

4117

175  
g-index

283  
all docs

283  
docs citations

283  
times ranked

53583  
citing authors

#	ARTICLE	IF	CITATIONS
1	clusterProfiler: an R Package for Comparing Biological Themes Among Gene Clusters. <i>OMICS A Journal of Integrative Biology</i> , 2012, 16, 284-287.	2.0	21,237
2	ChIPseeker: an R/Bioconductor package for ChIP peak annotation, comparison and visualization. <i>Bioinformatics</i> , 2015, 31, 2382-2383.	4.1	2,603
3	Proteomic Analysis of the Mode of Antibacterial Action of Silver Nanoparticles. <i>Journal of Proteome Research</i> , 2006, 5, 916-924.	3.7	1,331
4	Silver nanoparticles: partial oxidation and antibacterial activities. <i>Journal of Biological Inorganic Chemistry</i> , 2007, 12, 527-534.	2.6	1,303
5	ReactomePA: an R/Bioconductor package for reactome pathway analysis and visualization. <i>Molecular BioSystems</i> , 2016, 12, 477-479.	2.9	1,237
6	DOSE: an R/Bioconductor package for disease ontology semantic and enrichment analysis. <i>Bioinformatics</i> , 2015, 31, 608-609.	4.1	762
7	Transferrin-Mediated Gold Nanoparticle Cellular Uptake. <i>Bioconjugate Chemistry</i> , 2005, 16, 494-496.	3.6	278
8	Advances in targeted therapy for esophageal cancer. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 229.	17.1	223
9	Gold(III) Porphyrin 1a Induced Apoptosis by Mitochondrial Death Pathways Related to Reactive Oxygen Species. <i>Cancer Research</i> , 2005, 65, 11553-11564.	0.9	179
10	Serum biomarkers of hepatitis B virus infected liver inflammation: A proteomic study. <i>Proteomics</i> , 2003, 3, 666-674.	2.2	166
11	Phosphoproteomic Analysis Reveals the Multiple Roles of Phosphorylation in Pathogenic Bacterium <i>Streptococcus pneumoniae</i> . <i>Journal of Proteome Research</i> , 2010, 9, 275-282.	3.7	164
12	Translating mRNAs strongly correlate to proteins in a multivariate manner and their translation ratios are phenotype specific. <i>Nucleic Acids Research</i> , 2013, 41, 4743-4754.	14.5	157
13	Comparative proteomic analysis of esophageal squamous cell carcinoma. <i>Proteomics</i> , 2005, 5, 2960-2971.	2.2	142
14	Diverse proteomic alterations in gastric adenocarcinoma. <i>Proteomics</i> , 2004, 4, 3276-3287.	2.2	137
15	Identification of tumor-associated proteins in oral tongue squamous cell carcinoma by proteomics. <i>Proteomics</i> , 2004, 4, 271-278.	2.2	125
16	A proteome analysis of the arsenite response in cultured lung cells: evidence for in vitro oxidative stress-induced apoptosis. <i>Biochemical Journal</i> , 2004, 382, 641-650.	3.7	119
17	MicroRNA-377 suppresses initiation and progression of esophageal cancer by inhibiting CD133 and VEGF. <i>Oncogene</i> , 2017, 36, 3986-4000.	5.9	118
18	Proteomics of buccal squamous cell carcinoma: The involvement of multiple pathways in tumorigenesis. <i>Proteomics</i> , 2004, 4, 2465-2475.	2.2	116

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19	Proteomics in biomarker discovery and drug development. <i>Journal of Cellular Biochemistry</i> , 2003, 89, 868-886.	2.6	115
20	A hidden human proteome encoded by "non-coding" genes. <i>Nucleic Acids Research</i> , 2019, 47, 8111-8125.	14.5	110
21	Id1 promotes tumorigenicity and metastasis of human esophageal cancer cells through activation of PI3K/AKT signaling pathway. <i>International Journal of Cancer</i> , 2009, 125, 2576-2585.	5.1	109
22	Expression and characterization of a histidine-rich protein, Hpn: potential for Ni <sup>2+</sup> storage in <i>Helicobacter pylori</i> . <i>Biochemical Journal</i> , 2006, 393, 285-293.	3.7	107
23	Proteomic identification of malignant transformation-related proteins in esophageal squamous cell carcinoma. <i>Journal of Cellular Biochemistry</i> , 2008, 104, 1625-1635.	2.6	101
24	Proteomic and transcriptomic study on the action of a cytotoxic saponin (Polyphyllin D): Induction of endoplasmic reticulum stress and mitochondria-mediated apoptotic pathways. <i>Proteomics</i> , 2008, 8, 3105-3117.	2.2	94
25	A proteomic approach for the identification of bismuth-binding proteins in <i>Helicobacter pylori</i> . <i>Journal of Biological Inorganic Chemistry</i> , 2007, 12, 831-842.	2.6	93
26	Transfer RNAs Mediate the Rapid Adaptation of <i>Escherichia coli</i> to Oxidative Stress. <i>PLoS Genetics</i> , 2015, 11, e1005302.	3.5	93
27	Opposed arsenite-induced signaling pathways promote cell proliferation or apoptosis in cultured lung cells. <i>Carcinogenesis</i> , 2003, 25, 21-28.	2.8	90
28	Dual Role of Lys206-Lys296 Interaction in Human Transferrin N-Lobe: An Iron-Release Trigger and Anion-Binding Site. <i>Biochemistry</i> , 1999, 38, 9704-9711.	2.5	88
29	A novel strategy of integrated microarray analysis identifies CENPA, CDK1 and CDC20 as a cluster of diagnostic biomarkers in lung adenocarcinoma. <i>Cancer Letters</i> , 2018, 425, 43-53.	7.2	87
30	Proteomic characterization of the cytotoxic mechanism of gold (III) porphyrin 1a, a potential anticancer drug. <i>Proteomics</i> , 2006, 6, 131-142.	2.2	85
31	Significance of PI3K/AKT signaling pathway in metastasis of esophageal squamous cell carcinoma and its potential as a target for anti-metastasis therapy. <i>Oncotarget</i> , 2017, 8, 38755-38766.	1.8	83
32	Global phosphoproteomic effects of natural tyrosine kinase inhibitor, genistein, on signaling pathways. <i>Proteomics</i> , 2010, 10, 976-986.	2.2	80
33	Genistein-induced mitotic arrest of gastric cancer cells by downregulating KIF20A, a proteomics study. <i>Proteomics</i> , 2012, 12, 2391-2399.	2.2	80
34	The Embryotrophic Activity of Oviductal Cell-derived Complement C3b and iC3b, a Novel Function of Complement Protein in Reproduction. <i>Journal of Biological Chemistry</i> , 2004, 279, 12763-12768.	3.4	78
35	Thermodynamic and Kinetic Aspects of Metal Binding to the Histidine-rich Protein, Hpn. <i>Journal of the American Chemical Society</i> , 2006, 128, 11330-11331.	13.7	78
36	Global identification of miR-373-regulated genes in breast cancer by quantitative proteomics. <i>Proteomics</i> , 2011, 11, 912-920.	2.2	78

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37	Application of immobilized metal affinity chromatography in proteomics. <i>Expert Review of Proteomics</i> , 2005, 2, 649-657.	3.0	76
38	Proteomic approach to study the cytotoxicity of dioscin (saponin). <i>Proteomics</i> , 2006, 6, 2422-2432.	2.2	75
39	Dioscin (Saponin)-Induced Generation of Reactive Oxygen Species through Mitochondria Dysfunction: A Proteomic-Based Study. <i>Journal of Proteome Research</i> , 2007, 6, 4703-4710.	3.7	71
40	Cellular pharmacological properties of gold(III) porphyrin 1a, a potential anticancer drug lead. <i>European Journal of Pharmacology</i> , 2007, 554, 113-122.	3.5	71
41	Id1-Induced IGF-II and Its Autocrine/Endocrine Promotion of Esophageal Cancer Progression and Chemoresistance—Implications for IGF-II and IGF-IR—Targeted Therapy. <i>Clinical Cancer Research</i> , 2014, 20, 2651-2662.	7.0	71
42	Cancer cell-secreted IGF2 instigates fibroblasts and bone marrow-derived vascular progenitor cells to promote cancer progression. <i>Nature Communications</i> , 2017, 8, 14399.	12.8	70
43	Isodeoxyelephantopin induces protective autophagy in lung cancer cells via Nrf2-p62-keap1 feedback loop. <i>Cell Death and Disease</i> , 2017, 8, e2876-e2876.	6.3	67
44	Investigation of the Mechanism of Iron Release from the C-Lobe of Human Serum Transferrin: A Mutational Analysis of the Role of a pH Sensitive Triad. <i>Biochemistry</i> , 2003, 42, 3701-3707.	2.5	63
45	Systematic Analyses of the Transcriptome, Translatome, and Proteome Provide a Global View and Potential Strategy for the C-HPP. <i>Journal of Proteome Research</i> , 2014, 13, 38-49.	3.7	60
46	Inequivalence of the Two Tyrosine Ligands in the N-Lobe of Human Serum Transferrin. <i>Biochemistry</i> , 1997, 36, 14853-14860.	2.5	59
47	Phosphoproteome analysis of the pathogenic bacterium <i>Helicobacter pylori</i> reveals overrepresentation of tyrosine phosphorylation and multiply phosphorylated proteins. <i>Proteomics</i> , 2011, 11, 1449-1461.	2.2	59
48	Formation of axial phenolate—metal bonds in square-pyramidal complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1996, , 2233-2237.	1.1	58
49	Significance of prohibitin domain family in tumorigenesis and its implication in cancer diagnosis and treatment. <i>Cell Death and Disease</i> , 2018, 9, 580.	6.3	58
50	Identification and characterization of molecular targets of natural products by mass spectrometry. <i>Mass Spectrometry Reviews</i> , 2010, 29, 126-155.	5.4	57
51	Cytoskeleton-centric protein transportation by exosomes transforms tumor-favorable macrophages. <i>Oncotarget</i> , 2016, 7, 67387-67402.	1.8	56
52	Identification of platination sites on human serum transferrin using <sup>13</sup> C and <sup>15</sup> N NMR spectroscopy. <i>Journal of Biological Inorganic Chemistry</i> , 1999, 4, 621-631.	2.6	55
53	The chloride effect is related to anion binding in determining the rate of iron release from the human transferrin N-lobe. <i>Biochemical Journal</i> , 2000, 350, 909-915.	3.7	55
54	Competitive Binding Between Id1 and E2F1 to Cdc20 Regulates E2F1 Degradation and Thymidylate Synthase Expression to Promote Esophageal Cancer Chemoresistance. <i>Clinical Cancer Research</i> , 2016, 22, 1243-1255.	7.0	55

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55	Crystal Structure and Metal Binding Properties of the Lipoprotein MtsA, Responsible for Iron Transport in <i>Streptococcus pyogenes</i> . <i>Biochemistry</i> , 2009, 48, 6184-6190.	2.5	54
56	The E3 ubiquitin ligase CHIP mediates ubiquitination and proteasomal degradation of PRMT5. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 335-346.	4.1	54
57	Deletion of Aldose Reductase Leads to Protection against Cerebral Ischemic Injury. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2007, 27, 1496-1509.	4.3	53
58	Proteomic and Functional Analyses Reveal a Dual Molecular Mechanism Underlying Arsenic-Induced Apoptosis in Human Multiple Myeloma Cells. <i>Journal of Proteome Research</i> , 2009, 8, 3006-3019.	3.7	53
59	Proteomic analysis of excretory secretory products from <i>Clonorchis sinensis</i> adult worms: molecular characterization and serological reactivity of a secretory antigen-fructose-1,6-bisphosphatase. <i>Parasitology Research</i> , 2011, 109, 737-744.	1.6	53
60	Ruthenium methylimidazole complexes induced apoptosis in lung cancer A549 cells through intrinsic mitochondrial pathway. <i>Biochimie</i> , 2012, 94, 345-353.	2.6	53
61	Quest for Missing Proteins: Update 2015 on Chromosome-Centric Human Proteome Project. <i>Journal of Proteome Research</i> , 2015, 14, 3415-3431.	3.7	53
62	Differential Effect of a His Tag at the N- and C-Termini: Functional Studies with Recombinant Human Serum Transferrin. <i>Biochemistry</i> , 2002, 41, 9448-9454.	2.5	52
63	The Position of Arginine 124 Controls the Rate of Iron Release from the N-lobe of Human Serum Transferrin. <i>Journal of Biological Chemistry</i> , 2003, 278, 6027-6033.	3.4	52
64	The use of proteomics in the discovery of serum biomarkers from patients with severe acute respiratory syndrome. <i>Proteomics</i> , 2004, 4, 3477-3484.	2.2	52
65	Effects of Mutations of Aspartic Acid 63 on the Metal-Binding Properties of the Recombinant N-Lobe of Human Serum Transferrin. <i>Biochemistry</i> , 1997, 36, 5522-5528.	2.5	51
66	Echinatin suppresses esophageal cancer tumor growth and invasion through inducing AKT/mTOR-dependent autophagy and apoptosis. <i>Cell Death and Disease</i> , 2020, 11, 524.	6.3	51
67	Glucose-regulated Protein 78 Is an Intracellular Antiviral Factor against Hepatitis B Virus. <i>Molecular and Cellular Proteomics</i> , 2009, 8, 2582-2594.	3.8	49
68	Tubeimoside-1 Exerts Cytotoxicity in HeLa Cells through Mitochondrial Dysfunction and Endoplasmic Reticulum Stress Pathways. <i>Journal of Proteome Research</i> , 2009, 8, 1585-1593.	3.7	49
69	Oncoproteomics of hepatocellular carcinoma: from cancer markers' discovery to functional pathways. <i>Liver International</i> , 2007, 27, 1021-1038.	3.9	48
70	Modulation of gold(III) porphyrin 1a-induced apoptosis by mitogen-activated protein kinase signaling pathways. <i>Biochemical Pharmacology</i> , 2008, 75, 1282-1291.	4.4	47
71	Identification of miR-29c and its Target FBXO31 as a Key Regulatory Mechanism in Esophageal Cancer Chemoresistance: Functional Validation and Clinical Significance. <i>Theranostics</i> , 2019, 9, 1599-1613.	10.0	46
72	Glucose-regulated protein 78 as a novel effector of BRCA1 for inhibiting stress-induced apoptosis. <i>Oncogene</i> , 2008, 27, 6782-6789.	5.9	45

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73	Lung cancer deficient in the tumor suppressor GATA4 is sensitive to TGFBR1 inhibition. <i>Nature Communications</i> , 2019, 10, 1665.	12.8	45
74	Subcellular proteomics revealed the epithelialâ€“mesenchymal transition phenotype in lung cancer. <i>Proteomics</i> , 2011, 11, 429-439.	2.2	44
75	KCTD12 promotes tumorigenesis by facilitating CDC25B/CDK1/Aurora A-dependent G2/M transition. <i>Oncogene</i> , 2017, 36, 6177-6189.	5.9	44
76	Targeting the NLRP3 inflammasome as new therapeutic avenue for inflammatory bowel disease. <i>Biomedicine and Pharmacotherapy</i> , 2021, 138, 111442.	5.6	44
77	Putative copperâ€“and zincâ€“binding motifs in <i>Streptococcus pneumoniae</i> identified by immobilized metal affinity chromatography and mass spectrometry. <i>Proteomics</i> , 2011, 11, 3288-3298.	2.2	42
78	FANSe2: A Robust and Cost-Efficient Alignment Tool for Quantitative Next-Generation Sequencing Applications. <i>PLoS ONE</i> , 2014, 9, e94250.	2.5	42
79	The BET Bromodomain Inhibitor JQ1 Suppresses Chondrosarcoma Cell Growth via Regulation of YAP/p21/c-Myc Signaling. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 2182-2192.	2.6	42
80	The expression and clinical significance of CLIC1 and HSP27 in lung adenocarcinoma. <i>Tumor Biology</i> , 2011, 32, 1199-1208.	1.8	41
81	Transcriptomic and proteomic approach to studying SNXâ€“211â€“induced K562 cells apoptosis and antiâ€“leukemia activity in K562â€“NOD/SCID mice. <i>FEBS Letters</i> , 2009, 583, 1859-1866.	2.8	40
82	Toward the proteomic identification of biomarkers for the prediction of HBV related hepatocellular carcinoma. <i>Journal of Cellular Biochemistry</i> , 2008, 103, 740-752.	2.6	39
83	Curcumol Overcomes TRAIL Resistance of Nonâ€“Small Cell Lung Cancer by Targeting NRH:Quinone Oxidoreductase 2 (NQO2). <i>Advanced Science</i> , 2020, 7, 2002306.	11.2	39
84	Cytotoxicity of Silver Nanoparticles Against Bacteria and Tumor Cells. <i>Current Protein and Peptide Science</i> , 2018, 19, 525-536.	1.4	39
85	Anti-HIV Drug Elvitegravir Suppresses Cancer Metastasis via Increased Proteasomal Degradation of m6A Methyltransferase METTL3. <i>Cancer Research</i> , 2022, 82, 2444-2457.	0.9	39
86	Mutation of the Iron Ligand His 249 to Glu in the N-Lobe of Human Transferrin Abolishes the Dilysine â€“Triggerâ€“but Does Not Significantly Affect Iron Releaseâ€“,â€“. <i>Biochemistry</i> , 2000, 39, 1211-1216.	2.5	38
87	Proteomics characterization of gastrokine 1â€“induced growth inhibition of gastric cancer cells. <i>Proteomics</i> , 2011, 11, 3657-3664.	2.2	38
88	Resolving Chromosome-Centric Human Proteome with Translating mRNA Analysis: A Strategic Demonstration. <i>Journal of Proteome Research</i> , 2014, 13, 50-59.	3.7	38
89	RNF128 Promotes Invasion and Metastasis Via the EGFR/MAPK/MMP-2 Pathway in Esophageal Squamous Cell Carcinoma. <i>Cancers</i> , 2019, 11, 840.	3.7	38
90	Crystal Structures and Iron Release Properties of Mutants (K206A and K296A) That Abolish the Dilysine Interaction in the N-Lobe of Human Transferrinâ€“,â€“. <i>Biochemistry</i> , 2001, 40, 1616-1623.	2.5	37

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91	Putative cobalt- and nickel-binding proteins and motifs in <i>Streptococcus pneumoniae</i> . <i>Metallomics</i> , 2013, 5, 928.	2.4	37
92	Integrated Translatomics with Proteomics to Identify Novel Iron-Transporting Proteins in <i>Streptococcus pneumoniae</i> . <i>Frontiers in Microbiology</i> , 2016, 7, 78.	3.5	37
93	Comprehensive analysis of the lysine acetylome and its potential regulatory roles in the virulence of <i>Streptococcus pneumoniae</i> . <i>Journal of Proteomics</i> , 2018, 176, 46-55.	2.4	37
94	Transcriptional regulation of Runx2 by HSP90 controls osteosarcoma apoptosis via the AKT/GSK3 $\beta$ /I $\chi$ 2-catenin signaling. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 948-959.	2.6	37
95	Genome-Wide and Experimental Resolution of Relative Translation Elongation Speed at Individual Gene Level in Human Cells. <i>PLoS Genetics</i> , 2016, 12, e1005901.	3.5	36
96	Mutations at the Histidine 249 Ligand Profoundly Alter the Spectral and Iron-Binding Properties of Human Serum Transferrin N-Lobe. <i>Biochemistry</i> , 2000, 39, 1205-1210.	2.5	35
97	Proteomic analysis of chromium cytotoxicity in cultured rat lung epithelial cells. <i>Proteomics</i> , 2008, 8, 2420-2429.	2.2	35
98	Lipoprotein MtsA of MtsABC in <i>Streptococcus pyogenes</i> primarily binds ferrous ion with bicarbonate as a synergistic anion. <i>FEBS Letters</i> , 2008, 582, 1351-1354.	2.8	35
99	Cytoplasmic hnRNPk interacts with GSK3 $\beta$ and is essential for the osteoclast differentiation. <i>Scientific Reports</i> , 2016, 5, 17732.	3.3	35
100	Significance of integrin-linked kinase (ILK) in tumorigenesis and its potential implication as a biomarker and therapeutic target for human cancer. <i>American Journal of Cancer Research</i> , 2019, 9, 186-197.	1.4	35
101	Inhibition of Nrf2 enhances the anticancer effect of 6-O-angeloylenolin in lung adenocarcinoma. <i>Biochemical Pharmacology</i> , 2017, 129, 43-53.	4.4	34
102	Jolkinolide B induces apoptosis of colorectal carcinoma through ROS-ER stress-Ca <sup>2+</sup> -mitochondria dependent pathway. <i>Oncotarget</i> , 2017, 8, 91223-91237.	1.8	34
103	Direct targeting of HSP90 with daurisorline destabilizes I $\chi$ 2-catenin to suppress lung cancer tumorigenesis. <i>Cancer Letters</i> , 2020, 489, 66-78.	7.2	34
104	Mutations at Nonliganding Residues Tyr-85 and Glu-83 in the N-Lobe of Human Serum Transferrin. <i>Journal of Biological Chemistry</i> , 1998, 273, 17018-17024.	3.4	33
105	Fractionation of Proteins by Heparin Chromatography. <i>Methods in Molecular Biology</i> , 2008, 424, 213-221.	0.9	33
106	Heparin chromatography to deplete high-abundance proteins for serum proteomics. <i>Clinica Chimica Acta</i> , 2008, 388, 173-178.	1.1	33
107	Heteroleptic tripodal complexes of copper(II): towards a synthetic model for the active site in galactose oxidase. <i>Journal of the Chemical Society Dalton Transactions</i> , 1995, , 2323.	1.1	32
108	Ligand Variation in the Transferrin Family: The Crystal Structure of the H249Q Mutant of the Human Transferrin N-lobe As a Model for Iron Binding in Insect Transferrins. <i>Biochemistry</i> , 2001, 40, 11670-11675.	2.5	32

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109	Motile hepatocellular carcinoma cells preferentially secrete sugar metabolism regulatory proteins via exosomes. <i>Proteomics</i> , 2017, 17, 1700103.	2.2	32
110	Direct Targeting of CREB1 with Imperatorin Inhibits TGF $\beta$ 2-ERK Signaling to Suppress Esophageal Cancer Metastasis. <i>Advanced Science</i> , 2020, 7, 2000925.	11.2	32
111	Proteomic analyses of arsenic-induced cell transformation with SELDI-TOF ProteinChip <sup>®</sup> technology. <i>Journal of Cellular Biochemistry</i> , 2003, 88, 1-8.	2.6	31
112	Phosphoproteome Characterization of Human Colorectal Cancer SW620 Cell-Derived Exosomes and New Phosphosite Discovery for C-HPP. <i>Journal of Proteome Research</i> , 2016, 15, 4060-4072.	3.7	31
113	Liensinine perchlorate inhibits colorectal cancer tumorigenesis by inducing mitochondrial dysfunction and apoptosis. <i>Food and Function</i> , 2018, 9, 5536-5546.	4.6	31
114	Zinc(II) complexes of tripodal ligands providing phenolate and pyridine donors: formation, structure and hydrolytic activity. <i>Journal of the Chemical Society Dalton Transactions</i> , 1996, , 2857.	1.1	30
115	Expression, Purification, and Characterization of Recombinant Nonglycosylated Human Serum Transferrin Containing a C-Terminal Hexahistidine Tag. <i>Protein Expression and Purification</i> , 2001, 23, 142-150.	1.3	30
116	Structural and Functional Consequences of Binding Site Mutations in Transferrin: Crystal Structures of the Asp63Glu and Arg124Ala Mutants of the N-Lobe of Human Transferrin. <i>Biochemistry</i> , 2003, 42, 7084-7089.	2.5	30
117	Advances of Proteomics in Novel PTM Discovery: Applications in Cancer Therapy. <i>Small Methods</i> , 2019, 3, 1900041.	8.6	30
118	Anti-allergic drug azelastine suppresses colon tumorigenesis by directly targeting ARF1 to inhibit IQGAP1-ERK-Drp1-mediated mitochondrial fission. <i>Theranostics</i> , 2021, 11, 1828-1844.	10.0	30
119	Targeting PFKL with penfluridol inhibits glycolysis and suppresses esophageal cancer tumorigenesis in an AMPK/FOXO3a/BIM-dependent manner. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 1271-1287.	12.0	30
120	Synergistic effects of retinoic acid and tamoxifen on human breast cancer cells: Proteomic characterization. <i>Experimental Cell Research</i> , 2007, 313, 357-368.	2.6	29
121	Calpain-truncated CRMP $\beta$ and $\gamma$ contribute to potassium deprivation-induced apoptosis of cerebellar granule neurons. <i>Proteomics</i> , 2009, 9, 3712-3728.	2.2	29
122	Identification of Missing Proteins Defined by Chromosome-Centric Proteome Project in the Cytoplasmic Detergent-Insoluble Proteins. <i>Journal of Proteome Research</i> , 2015, 14, 3693-3709.	3.7	29
123	IGF2 induces CD133 expression in esophageal cancer cells to promote cancer stemness. <i>Cancer Letters</i> , 2018, 425, 88-100.	7.2	29
124	Proteomic investigation into the action mechanism of berberine against <i>Streptococcus pyogenes</i> . <i>Journal of Proteomics</i> , 2020, 215, 103666.	2.4	29
125	Iron release from recombinant N-lobe and single point Asp63 mutants of human transferrin by EDTA. <i>Biochemical Journal</i> , 1997, 328, 439-445.	3.7	28
126	Cytokeratin 8 silencing in human nasopharyngeal carcinoma cells leads to cisplatin sensitization. <i>Cancer Letters</i> , 2008, 265, 188-196.	7.2	28



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127	Quantitative Phosphoproteomics of Proteasome Inhibition in Multiple Myeloma Cells. PLoS ONE, 2010, 5, e13095.	2.5	28
128	Two zinc-binding domains in the transporter AdcA from facilitate high-affinity binding and fast transport of zinc. Journal of Biological Chemistry, 2018, 293, 6075-6089.	3.4	28
129	Synephrine Hydrochloride Suppresses Esophageal Cancer Tumor Growth and Metastatic Potential through Inhibition of Galectin-3-AKT/ERK Signaling. Journal of Agricultural and Food Chemistry, 2018, 66, 9248-9258.	5.2	28
130	Mutagenesis of the aspartic acid ligands in human serum transferrin: lobe interaction and conformation as revealed by antibody, receptor-binding and iron-release studies. Biochemical Journal, 1998, 330, 35-40.	3.7	27
131	Proteomic Analysis of Neonatal Mouse Brain: Evidence for Hypoxia- and Ischemia-Induced Dephosphorylation of Collapsin Response Mediator Proteins. Journal of Proteome Research, 2008, 7, 2507-2515.	3.7	27
132	Epidermal growth factor-induced epithelial mesenchymal transition in human esophageal carcinoma cells A model for the study of metastasis. Cancer Letters, 2010, 296, 88-95.	7.2	27
133	Dioscin induced activation of p38 MAPK and JNK via mitochondrial pathway in HL-60 cell line. European Journal of Pharmacology, 2014, 735, 52-58.	3.5	27
134	hnRNPK inhibits GSK3 Ser9 phosphorylation, thereby stabilizing c-FLIP and contributes to TRAIL resistance in H1299 lung adenocarcinoma cells. Scientific Reports, 2016, 6, 22999.	3.3	27
135	iTRAQ-Based Proteomics Revealed the Bactericidal Mechanism of Sodium New Houttuynonate against <i>Streptococcus pneumoniae</i> . Journal of Agricultural and Food Chemistry, 2016, 64, 6375-6382.	5.2	27
136	Highly bioactive iridium metal-complex alleviates spinal cord injury via ROS scavenging and inflammation reduction. Biomaterials, 2022, 284, 121481.	11.4	27
137	Mammary serine protease inhibitor inhibits epithelial growth factor-induced epithelial mesenchymal transition of esophageal carcinoma cells. Cancer, 2009, 115, 36-48.	4.1	26
138	The Preventive Effect of Oral EGCG in a Fetal Alcohol Spectrum Disorder Mouse Model. Alcoholism: Clinical and Experimental Research, 2010, 34, 1929-1936.	2.4	26
139	Heavy metals chromium and neodymium reduced phosphorylation level of heat shock protein 27 in human keratinocytes. Toxicology in Vitro, 2010, 24, 1098-1104.	2.4	26
140	Detergent-Insoluble Proteome Analysis Revealed Aberrantly Aggregated Proteins in Human Preeclampsia Placentas. Journal of Proteome Research, 2017, 16, 4468-4480.	3.7	26
141	MEST promotes lung cancer invasion and metastasis by interacting with VCP to activate NF- $\kappa$ B signaling. Journal of Experimental and Clinical Cancer Research, 2021, 40, 301.	8.6	26
142	Application of Proteomics in the Study of Tumor Metastasis. Genomics, Proteomics and Bioinformatics, 2004, 2, 152-166.	6.9	25
143	Phosphoproteomic analysis of primary human multiple myeloma cells. Journal of Proteomics, 2010, 73, 1381-1390.	2.4	25
144	Identification of miR-515-3p and its targets, vimentin and MMP3, as a key regulatory mechanism in esophageal cancer metastasis: functional and clinical significance. Signal Transduction and Targeted Therapy, 2020, 5, 271.	17.1	25

#	ARTICLE	IF	CITATIONS
145	Inhibition of nuclear deacetylase Sirtuin-1 induces mitochondrial acetylation and calcium overload leading to cell death. <i>Redox Biology</i> , 2022, 53, 102334.	9.0	25
146	Spectral and metal-binding properties of three single-point tryptophan mutants of the human transferrin N-lobe. <i>Biochemical Journal</i> , 2001, 354, 423-429.	3.7	24
147	Functional proteomics to identify critical proteins in signal transduction pathways. <i>Amino Acids</i> , 2008, 35, 267-274.	2.7	24
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