

# Qing-Yu He

## List of Publications by Year in descending order

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277  
papers

38,006  
citations

31902

53  
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175  
g-index

283  
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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.	1.0	21,237
2	ChIPseeker: an R/Bioconductor package for ChIP peak annotation, comparison and visualization. <i>Bioinformatics</i> , 2015, 31, 2382-2383.	1.8	2,603
3	Proteomic Analysis of the Mode of Antibacterial Action of Silver Nanoparticles. <i>Journal of Proteome Research</i> , 2006, 5, 916-924.	1.8	1,331
4	Silver nanoparticles: partial oxidation and antibacterial activities. <i>Journal of Biological Inorganic Chemistry</i> , 2007, 12, 527-534.	1.1	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.	1.8	762
7	Transferrin-Mediated Gold Nanoparticle Cellular Uptake. <i>Bioconjugate Chemistry</i> , 2005, 16, 494-496.	1.8	278
8	Advances in targeted therapy for esophageal cancer. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 229.	7.1	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.	0.4	179
10	Serum biomarkers of hepatitis B virus infected liver inflammation: A proteomic study. <i>Proteomics</i> , 2003, 3, 666-674.	1.3	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.	1.8	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.	6.5	157
13	Comparative proteomic analysis of esophageal squamous cell carcinoma. <i>Proteomics</i> , 2005, 5, 2960-2971.	1.3	142
14	Diverse proteomic alterations in gastric adenocarcinoma. <i>Proteomics</i> , 2004, 4, 3276-3287.	1.3	137
15	Identification of tumor-associated proteins in oral tongue squamous cell carcinoma by proteomics. <i>Proteomics</i> , 2004, 4, 271-278.	1.3	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.	1.7	119
17	MicroRNA-377 suppresses initiation and progression of esophageal cancer by inhibiting CD133 and VEGF. <i>Oncogene</i> , 2017, 36, 3986-4000.	2.6	118
18	Proteomics of buccal squamous cell carcinoma: The involvement of multiple pathways in tumorigenesis. <i>Proteomics</i> , 2004, 4, 2465-2475.	1.3	116

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19	Proteomics in biomarker discovery and drug development. <i>Journal of Cellular Biochemistry</i> , 2003, 89, 868-886.	1.2	115
20	A hidden human proteome encoded by "non-coding" genes. <i>Nucleic Acids Research</i> , 2019, 47, 8111-8125.	6.5	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.	2.3	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.	1.7	107
23	Proteomic identification of malignant transformation-related proteins in esophageal squamous cell carcinoma. <i>Journal of Cellular Biochemistry</i> , 2008, 104, 1625-1635.	1.2	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.	1.3	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.	1.1	93
26	Transfer RNAs Mediate the Rapid Adaptation of <i>Escherichia coli</i> to Oxidative Stress. <i>PLoS Genetics</i> , 2015, 11, e1005302.	1.5	93
27	Opposed arsenite-induced signaling pathways promote cell proliferation or apoptosis in cultured lung cells. <i>Carcinogenesis</i> , 2003, 25, 21-28.	1.3	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.	1.2	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.	3.2	87
30	Proteomic characterization of the cytotoxic mechanism of gold (III) porphyrin 1a, a potential anticancer drug. <i>Proteomics</i> , 2006, 6, 131-142.	1.3	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.	0.8	83
32	Global phosphoproteomic effects of natural tyrosine kinase inhibitor, genistein, on signaling pathways. <i>Proteomics</i> , 2010, 10, 976-986.	1.3	80
33	Genistein-induced mitotic arrest of gastric cancer cells by downregulating KIF20A, a proteomics study. <i>Proteomics</i> , 2012, 12, 2391-2399.	1.3	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.	1.6	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.	6.6	78
36	Global identification of miR-373-regulated genes in breast cancer by quantitative proteomics. <i>Proteomics</i> , 2011, 11, 912-920.	1.3	78

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37	Application of immobilized metal affinity chromatography in proteomics. <i>Expert Review of Proteomics</i> , 2005, 2, 649-657.	1.3	76
38	Proteomic approach to study the cytotoxicity of dioscin (saponin). <i>Proteomics</i> , 2006, 6, 2422-2432.	1.3	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.	1.8	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.	1.7	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.	3.2	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.	5.8	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.	2.7	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.	1.2	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.	1.8	60
46	Inequivalence of the Two Tyrosine Ligands in the N-Lobe of Human Serum Transferrin. <i>Biochemistry</i> , 1997, 36, 14853-14860.	1.2	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.	1.3	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.	2.7	58
50	Identification and characterization of molecular targets of natural products by mass spectrometry. <i>Mass Spectrometry Reviews</i> , 2010, 29, 126-155.	2.8	57
51	Cytoskeleton-centric protein transportation by exosomes transforms tumor-favorable macrophages. <i>Oncotarget</i> , 2016, 7, 67387-67402.	0.8	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.	1.1	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.	1.7	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.	3.2	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.	1.2	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.	1.9	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.	2.4	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.	1.8	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.	0.6	53
60	Ruthenium methylimidazole complexes induced apoptosis in lung cancer A549 cells through intrinsic mitochondrial pathway. <i>Biochimie</i> , 2012, 94, 345-353.	1.3	53
61	Quest for Missing Proteins: Update 2015 on Chromosome-Centric Human Proteome Project. <i>Journal of Proteome Research</i> , 2015, 14, 3415-3431.	1.8	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.	1.2	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.	1.6	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.	1.3	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.	1.2	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.	2.7	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.	2.5	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.	1.8	49
69	Oncoproteomics of hepatocellular carcinoma: from cancer markers' discovery to functional pathways. <i>Liver International</i> , 2007, 27, 1021-1038.	1.9	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.	2.0	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.	4.6	46
72	Glucose-regulated protein 78 as a novel effector of BRCA1 for inhibiting stress-induced apoptosis. <i>Oncogene</i> , 2008, 27, 6782-6789.	2.6	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.	5.8	45
74	Subcellular proteomics revealed the epithelialâ€“mesenchymal transition phenotype in lung cancer. <i>Proteomics</i> , 2011, 11, 429-439.	1.3	44
75	KCTD12 promotes tumorigenesis by facilitating CDC25B/CDK1/Aurora A-dependent G2/M transition. <i>Oncogene</i> , 2017, 36, 6177-6189.	2.6	44
76	Targeting the NLRP3 inflammasome as new therapeutic avenue for inflammatory bowel disease. <i>Biomedicine and Pharmacotherapy</i> , 2021, 138, 111442.	2.5	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.	1.3	42
78	FANSe2: A Robust and Cost-Efficient Alignment Tool for Quantitative Next-Generation Sequencing Applications. <i>PLoS ONE</i> , 2014, 9, e94250.	1.1	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.	1.2	42
80	The expression and clinical significance of CLIC1 and HSP27 in lung adenocarcinoma. <i>Tumor Biology</i> , 2011, 32, 1199-1208.	0.8	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.	1.3	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.	1.2	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.	5.6	39
84	Cytotoxicity of Silver Nanoparticles Against Bacteria and Tumor Cells. <i>Current Protein and Peptide Science</i> , 2018, 19, 525-536.	0.7	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.	0.4	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.	1.2	38
87	Proteomics characterization of gastrokine 1â€“induced growth inhibition of gastric cancer cells. <i>Proteomics</i> , 2011, 11, 3657-3664.	1.3	38
88	Resolving Chromosome-Centric Human Proteome with Translating mRNA Analysis: A Strategic Demonstration. <i>Journal of Proteome Research</i> , 2014, 13, 50-59.	1.8	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.	1.7	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.	1.2	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.	1.0	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.	1.5	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.	1.2	37
94	Transcriptional regulation of Runx2 by HSP90 controls osteosarcoma apoptosis via the AKT/GSK3 $\beta$ / $\beta$ -catenin signaling. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 948-959.	1.2	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.	1.5	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.	1.2	35
97	Proteomic analysis of chromium cytotoxicity in cultured rat lung epithelial cells. <i>Proteomics</i> , 2008, 8, 2420-2429.	1.3	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.	1.3	35
99	Cytoplasmic hnRNPK interacts with GSK3 $\beta$ and is essential for the osteoclast differentiation. <i>Scientific Reports</i> , 2016, 5, 17732.	1.6	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.	2.0	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.	0.8	34
103	Direct targeting of HSP90 with daurisorline destabilizes $\beta$ -catenin to suppress lung cancer tumorigenesis. <i>Cancer Letters</i> , 2020, 489, 66-78.	3.2	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.	1.6	33
105	Fractionation of Proteins by Heparin Chromatography. <i>Methods in Molecular Biology</i> , 2008, 424, 213-221.	0.4	33
106	Heparin chromatography to deplete high-abundance proteins for serum proteomics. <i>Clinica Chimica Acta</i> , 2008, 388, 173-178.	0.5	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.	1.2	32

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109	Motile hepatocellular carcinoma cells preferentially secrete sugar metabolism regulatory proteins via exosomes. <i>Proteomics</i> , 2017, 17, 1700103.	1.3	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.	5.6	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.	1.2	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.	1.8	31
113	Liensinine perchlorate inhibits colorectal cancer tumorigenesis by inducing mitochondrial dysfunction and apoptosis. <i>Food and Function</i> , 2018, 9, 5536-5546.	2.1	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.	0.6	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.	1.2	30
117	Advances of Proteomics in Novel PTM Discovery: Applications in Cancer Therapy. <i>Small Methods</i> , 2019, 3, 1900041.	4.6	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.	4.6	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.	5.7	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.	1.2	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.	1.3	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.	1.8	29
123	IGF2 induces CD133 expression in esophageal cancer cells to promote cancer stemness. <i>Cancer Letters</i> , 2018, 425, 88-100.	3.2	29
124	Proteomic investigation into the action mechanism of berberine against <i>Streptococcus pyogenes</i> . <i>Journal of Proteomics</i> , 2020, 215, 103666.	1.2	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.	1.7	28
126	Cytokeratin 8 silencing in human nasopharyngeal carcinoma cells leads to cisplatin sensitization. <i>Cancer Letters</i> , 2008, 265, 188-196.	3.2	28



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127	Quantitative Phosphoproteomics of Proteasome Inhibition in Multiple Myeloma Cells. PLoS ONE, 2010, 5, e13095.	1.1	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.	1.6	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.	2.4	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.	1.7	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.	1.8	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.	3.2	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.	1.7	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.	1.6	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.	2.4	27
136	Highly bioactive iridium metal-complex alleviates spinal cord injury via ROS scavenging and inflammation reduction. Biomaterials, 2022, 284, 121481.	5.7	27
137	Mammary serine protease inhibitor inhibits epithelial growth factor-induced epithelial mesenchymal transition of esophageal carcinoma cells. Cancer, 2009, 115, 36-48.	2.0	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.	1.4	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.	1.1	26
140	Detergent-Insoluble Proteome Analysis Revealed Aberrantly Aggregated Proteins in Human Preeclampsia Placentas. Journal of Proteome Research, 2017, 16, 4468-4480.	1.8	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.	3.5	26
142	Application of Proteomics in the Study of Tumor Metastasis. Genomics, Proteomics and Bioinformatics, 2004, 2, 152-166.	3.0	25
143	Phosphoproteomic analysis of primary human multiple myeloma cells. Journal of Proteomics, 2010, 73, 1381-1390.	1.2	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.	7.1	25

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145	Inhibition of nuclear deacetylase Sirtuin-1 induces mitochondrial acetylation and calcium overload leading to cell death. <i>Redox Biology</i> , 2022, 53, 102334.	3.9	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.	1.7	24
147	Functional proteomics to identify critical proteins in signal transduction pathways. <i>Amino Acids</i> , 2008, 35, 267-274.	1.2	24
148	Quantitative proteomics characterization on the antitumor effects of isodeoxyelephantopin against nasopharyngeal carcinoma. <i>Proteomics</i> , 2013, 13, 3222-3232.	1.3	24
149	Proteomics and the microbiome: pitfalls and potential. <i>Expert Review of Proteomics</i> , 2019, 16, 501-511.	1.3	24
150	Targeted Immunotherapies in Gastrointestinal Cancer: From Molecular Mechanisms to Implications. <i>Frontiers in Immunology</i> , 2021, 12, 705999.	2.2	24
151	A novel andrographolide derivative $\alpha$ 1 exerts its cytotoxicity on K562 cells through a ROS-dependent mechanism. <i>Proteomics</i> , 2013, 13, 169-178.	1.3	23
152	Photocatalytic Protein Damage by Silver Nanoparticles Circumvents Bacterial Stress Response and Multidrug Resistance. <i>MSphere</i> , 2019, 4, .	1.3	23
153	Dinuclear five-co-ordinate zinc complexes bridged by a phosphate monoester or an inorganic phosphate group. <i>Journal of the Chemical Society Dalton Transactions</i> , 1995, , 697.	1.1	22
154	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.	1.7	22
155	Proteomic analysis of a preneoplastic phenotype in ovarian surface epithelial cells derived from prophylactic oophorectomies. <i>Gynecologic Oncology</i> , 2005, 98, 68-76.	0.6	22
156	Iron depletion decreases proliferation and induces apoptosis in a human colonic adenocarcinoma cell line, Caco2. <i>Journal of Inorganic Biochemistry</i> , 2009, 103, 1074-1081.	1.5	22
157	Bacterial Proteome of <i>Streptococcus pneumoniae</i> Through Multidimensional Separations Coupled with LC-MS/MS. <i>OMICS A Journal of Integrative Biology</i> , 2011, 15, 477-482.	1.0	22
158	Multiple pathways were involved in tubeimoside-1-induced cytotoxicity of HeLa cells. <i>Journal of Proteomics</i> , 2011, 75, 491-501.	1.2	22
159	Varied metal-binding properties of lipoprotein PsaA in <i>Streptococcus pneumoniae</i> . <i>Journal of Biological Inorganic Chemistry</i> , 2014, 19, 829-838.	1.1	22
160	Finding Missing Proteins from the Epigenetically Manipulated Human Cell with Stringent Quality Criteria. <i>Journal of Proteome Research</i> , 2015, 14, 3645-3657.	1.8	22
161	Adefovir dipivoxil sensitizes colon cancer cells to vemurafenib by disrupting the KCTD12-CDK1 interaction. <i>Cancer Letters</i> , 2019, 451, 79-91.	3.2	22
162	Spectral and metal-binding properties of three single-point tryptophan mutants of the human transferrin N-lobe. <i>Biochemical Journal</i> , 2001, 354, 423.	1.7	21

#	ARTICLE	IF	CITATIONS
163	Proteomic identification of Ku70/Ku80 autoantigen recognized by monoclonal antibody against hepatocellular carcinoma. <i>Proteomics</i> , 2005, 5, 1980-1986.	1.3	21
164	Systematic Analysis of Missing Proteins Provides Clues to Help Define All of the Protein-Coding Genes on Human Chromosome 1. <i>Journal of Proteome Research</i> , 2014, 13, 114-125.	1.8	21
165	Proteomic Investigation of the Antibacterial Mechanism of <i>trans</i> -Cinnamaldehyde against <i>Escherichia coli</i> . <i>Journal of Proteome Research</i> , 2021, 20, 2319-2328.	1.8	21
166	Identification of Proteins Related to Nickel Homeostasis in <i>Helicobacter pylori</i> by Immobilized Metal Affinity Chromatography and Two-Dimensional Gel Electrophoresis. <i>Metal-Based Drugs</i> , 2008, 2008, 1-6.	3.8	20
167	Nm23-H1 regulates the proliferation and differentiation of the human chronic myeloid leukemia K562 cell line: A functional proteomics study. <i>Life Sciences</i> , 2009, 84, 458-467.	2.0	20
168	Novel Mechanistic Insights into Bacterial Fluoroquinolone Resistance. <i>Journal of Proteome Research</i> , 2019, 18, 3955-3966.	1.8	20
169	Spectrophotometric titration with cobalt(III) for the determination of accurate absorption coefficients of transferrins. <i>Biochemical Journal</i> , 1996, 318, 145-148.	1.7	19
170	Genomic and proteomic approaches for predicting toxicity and adverse drug reactions. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2009, 5, 29-37.	1.5	19
171	Qualitative and Quantitative Expression Status of the Human Chromosome 20 Genes in Cancer Tissues and the Representative Cell Lines. <i>Journal of Proteome Research</i> , 2013, 12, 151-161.	1.8	19
172	Targeting PP2A with lomitapide suppresses colorectal tumorigenesis through the activation of AMPK/Beclin1-mediated autophagy. <i>Cancer Letters</i> , 2021, 521, 281-293.	3.2	19
173	Structure, Assembly, and Topology of the G185R Mutant of the Fourth Transmembrane Domain of Divalent Metal Transporter. <i>Journal of the American Chemical Society</i> , 2005, 127, 1414-1423.	6.6	18
174	Identification of potential biomarkers for predicting acute dermal irritation by proteomic analysis. <i>Journal of Applied Toxicology</i> , 2011, 31, 762-772.	1.4	18
175	How to discover new proteins—translatome profiling. <i>Science China Life Sciences</i> , 2014, 57, 358-360.	2.3	18
176	Inactivation of tumor suppressor gene Clusterin leads to hyperactivation of TAK1-NF- $\kappa$ B signaling axis in lung cancer cells and denotes a therapeutic opportunity. <i>Theranostics</i> , 2020, 10, 11520-11534.	4.6	18
177	Proteomics Approach to Illustrate Drug Action Mechanisms. <i>Current Drug Discovery Technologies</i> , 2006, 3, 199-209.	0.6	17
178	14-3-3 $\beta$ Reduces DNA Damage by Interacting With and Stabilizing Proliferating Cell Nuclear Antigen. <i>Journal of Cellular Biochemistry</i> , 2015, 116, 158-169.	1.2	17
179	A tumor suppressor enhancing module orchestrated by GATA4 denotes a therapeutic opportunity for GATA4 deficient HCC patients. <i>Theranostics</i> , 2020, 10, 484-497.	4.6	17
180	Understanding the proteome encoded by non-coding RNAs—new insights into human genome. <i>Science China Life Sciences</i> , 2020, 63, 986-995.	2.3	17

#	ARTICLE	IF	CITATIONS
181	The low pK <sub>a</sub> value of iron-binding ligand Tyr188 and its implication in iron release and anion binding of human transferrin. <i>FEBS Letters</i> , 2004, 573, 181-185.	1.3	16
182	Proteomic Analysis of Membrane Proteins from <i>Streptococcus pneumoniae</i> with Multiple Separation Methods Plus High Accuracy Mass Spectrometry. <i>OMICS A Journal of Integrative Biology</i> , 2011, 15, 683-694.	1.0	16
183	Protective Effects of Andrographolide Analogue AL-1 on ROS-Induced RIN-m <sup>2</sup> Cell Death by Inducing ROS Generation. <i>PLoS ONE</i> , 2013, 8, e63656.	1.1	16
184	Structure-based discovery of neoandrographolide as a novel inhibitor of Rab5 to suppress cancer growth. <i>Computational and Structural Biotechnology Journal</i> , 2020, 18, 3936-3946.	1.9	16
185	Fractionation of Proteins by Immobilized Metal Affinity Chromatography. <i>Methods in Molecular Biology</i> , 2008, 424, 205-212.	0.4	15
186	Characterization of Phosphoproteins in Gastric Cancer Secretome. <i>OMICS A Journal of Integrative Biology</i> , 2011, 15, 83-90.	1.0	15
187	Identification of novel signaling components in genistein-regulated signaling pathways by quantitative phosphoproteomics. <i>Journal of Proteomics</i> , 2011, 75, 695-707.	1.2	15
188	Proteomic analysis on the antibacterial activity of a Ru(II) complex against <i>Streptococcus pneumoniae</i> . <i>Journal of Proteomics</i> , 2015, 115, 107-116.	1.2	15
189	Proteomic analysis of the copper resistance of <i>Streptococcus pneumoniae</i> . <i>Metallomics</i> , 2015, 7, 448-454.	1.0	15
190	A Novel Iron Transporter SPD_1590 in <i>Streptococcus pneumoniae</i> Contributing to Bacterial Virulence Properties. <i>Frontiers in Microbiology</i> , 2018, 9, 1624.	1.5	15
191	Genome-wide identification of key regulatory lncRNAs in esophageal cancer metastasis. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 88.	7.1	15
192	Serological protein profiling of neuroblastoma by ProteinChip SELDI-TOF technology. <i>Journal of Cellular Biochemistry</i> , 2005, 95, 165-172.	1.2	14
193	Proteomic analysis reveals novel binding partners of MIP-1 $\alpha$ in human cells. <i>Proteomics</i> , 2010, 10, 2337-2347.	1.3	14
194	Binomial Probability Distribution Model-Based Protein Identification Algorithm for Tandem Mass Spectrometry Utilizing Peak Intensity Information. <i>Journal of Proteome Research</i> , 2013, 12, 328-335.	1.8	14
195	Omics Evidence: Single Nucleotide Variants Transmissions on Chromosome 20 in Liver Cancer Cell Lines. <i>Journal of Proteome Research</i> , 2014, 13, 200-211.	1.8	14
196	Direct Interaction of 14-3-3 $\sigma$ with Ezrin Promotes Cell Migration by Regulating the Formation of Membrane Ruffle. <i>Journal of Molecular Biology</i> , 2014, 426, 3118-3133.	2.0	14
197	Iterative Genome Correction Largely Improves Proteomic Analysis of Nonmodel Organisms. <i>Journal of Proteome Research</i> , 2014, 13, 2724-2734.	1.8	14
198	Proteomic Analysis of Anticancer TCMs Targeted at Mitochondria. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-14.	0.5	14

#	ARTICLE	IF	CITATIONS
199	Comparative Proteomics Analysis Identifies Cdc42-Cdc42BPA Signaling as Prognostic Biomarker and Therapeutic Target for Colon Cancer Invasion. <i>Journal of Proteome Research</i> , 2018, 17, 265-275.	1.8	14
200	The Stepwise Process of Chromium-Induced DNA Breakage: Characterization by Electrochemistry, Atomic Force Microscopy, and DNA Electrophoresis. <i>Chemical Research in Toxicology</i> , 2005, 18, 1563-1566.	1.7	13
201	Phosphoproteome profile of human lung cancer cell line A549. <i>Molecular BioSystems</i> , 2011, 7, 472-479.	2.9	13
202	Functional similarity analysis of human virus-encoded miRNAs. <i>Journal of Clinical Bioinformatics</i> , 2011, 1, 15.	1.2	13
203	Application of subproteomics in the characterization of Gram-positive bacteria. <i>Journal of Proteomics</i> , 2012, 75, 2803-2810.	1.2	13
204	Crucial residue Trp158 of lipoprotein PiaA stabilizes the ferrichrome-PiaA complex in <i>Streptococcus pneumoniae</i> . <i>Journal of Inorganic Biochemistry</i> , 2017, 167, 150-156.	1.5	13
205	Linear trinuclear copper(II) complexes derived from acyclic hexadentate schiff base ligands. <i>Inorganica Chimica Acta</i> , 1995, 235, 273-279.	1.2	12
206	NMR structures and orientation of the fourth transmembrane domain of the rat divalent metal transporter (DMT1) with G185D mutation in SDS micelles. <i>Biopolymers</i> , 2005, 77, 173-183.	1.2	12
207	Overview of the Metallometabolomic Methodology for Metal-Based Drug Metabolism. <i>Current Drug Metabolism</i> , 2011, 12, 287-299.	0.7	12
208	Sequential targeting of YAP1 and p21 enhances the elimination of senescent cells induced by the BET inhibitor JQ1. <i>Cell Death and Disease</i> , 2021, 12, 121.	2.7	12
209	Chemical Interference with Iron Transport Systems to Suppress Bacterial Growth of <i>Streptococcus pneumoniae</i> . <i>PLoS ONE</i> , 2014, 9, e105953.	1.1	12
210	Chromosome-8-Coded Proteome of Chinese Chromosome Proteome Data Set (CCPD) 2.0 with Partial Immunohistochemical Verifications. <i>Journal of Proteome Research</i> , 2014, 13, 126-136.	1.8	11
211	Dynamic quantitative proteomics characterization of TNF- $\alpha$ -induced necroptosis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2016, 21, 1438-1446.	2.2	11
212	TP53-inducible putative long noncoding RNAs encode functional polypeptides that suppress cell proliferation. <i>Genome Research</i> , 2022, 32, 1026-1041.	2.4	11
213	Proteomics in Computer-Aided Drug Design. <i>Current Computer-Aided Drug Design</i> , 2005, 1, 43-52.	0.8	10
214	Unraveling the molecular targets of natural products: Insights from genomic and proteomic analyses. <i>Proteomics - Clinical Applications</i> , 2008, 2, 338-354.	0.8	10
215	Comparative Proteomic Analysis of Indioside D-Triggered Cell Death in HeLa Cells. <i>Journal of Proteome Research</i> , 2008, 7, 2050-2058.	1.8	10
216	Iron acquisition by <i>Streptococcus</i> species: An updated review. <i>Frontiers of Biology in China: Selected Publications From Chinese Universities</i> , 2009, 4, 392-401.	0.2	10

#	ARTICLE	IF	CITATIONS
217	Iron-containing lipoprotein SiaA in SiaABC, the primary heme transporter of <i>Streptococcus pyogenes</i> . <i>Journal of Biological Inorganic Chemistry</i> , 2010, 15, 1265-1273.	1.1	10
218	Proteomic analysis of mitochondria: biological and clinical progresses in cancer. <i>Expert Review of Proteomics</i> , 2017, 14, 891-903.	1.3	10
219	Deep Coverage Tissue and Cellular Proteomics Revealed IL-1 $\beta$ Can Independently Induce the Secretion of TNF-Associated Proteins from Human Synoviocytes. <i>Journal of Immunology</i> , 2018, 200, 821-833.	0.4	10
220	Proteomic Analysis Reveals that Odoroside A Triggers G2/M Arrest and Apoptosis in Colorectal Carcinoma Through ROS $\rightarrow$ p53 Pathway. <i>Proteomics</i> , 2019, 19, e1900092.	1.3	10
221	Dirhodium (II) complex interferes with iron-transport system to exert antibacterial action against <i>Streptococcus pneumoniae</i> . <i>Journal of Proteomics</i> , 2019, 194, 160-167.	1.2	10
222	SPD_1495 Contributes to Capsular Polysaccharide Synthesis and Virulence in <i>Streptococcus pneumoniae</i> . <i>MSystems</i> , 2020, 5, .	1.7	10
223	Ciprofloxacin-Resistant <i>Staphylococcus aureus</i> Displays Enhanced Resistance and Virulence in Iron-Restricted Conditions. <i>Journal of Proteome Research</i> , 2021, 20, 2839-2850.	1.8	10
224	[ <sup>13</sup> C]Methionine NMR and metal-binding studies of recombinant human transferrin N-lobe and five methionine mutants: conformational changes and increased sensitivity to chloride. <i>Biochemical Journal</i> , 1999, 344, 881-887.	1.7	9
225	Role of Mitochondria in Regulating Lutein and Chlorophyll Biosynthesis in <i>Chlorella pyrenoidosa</i> under Heterotrophic Conditions. <i>Marine Drugs</i> , 2018, 16, 354.	2.2	9
226	Multifaceted Stoichiometry Control of Bacterial Operons Revealed by Deep Proteome Quantification. <i>Frontiers in Genetics</i> , 2019, 10, 473.	1.1	9
227	C20orf27 Promotes Cell Growth and Proliferation of Colorectal Cancer via the TGF $\beta$ 2R-TAK1-NF $\kappa$ B Pathway. <i>Cancers</i> , 2020, 12, 336.	1.7	9
228	Quantitative Mitochondrial Proteomics Reveals ANXA7 as a Crucial Factor in Mitophagy. <i>Journal of Proteome Research</i> , 2020, 19, 1275-1284.	1.8	9
229	Serological Proteomics of Gastritis: Degradation of Apolipoprotein A-I and Alpha1-Antitrypsin Is a Common Response to Inflammation Irrespective of <i>Helicobacter pylori</i> Infection. <i>Digestive Diseases and Sciences</i> , 2008, 53, 3112-3118.	1.1	8
230	A new method for measuring functional similarity of microRNAs. <i>Journal of Integrated OMICS</i> , 2011, 1, .	0.5	8
231	Lipoprotein FtsB in <i>Streptococcus pyogenes</i> Binds Ferrichrome in Two Steps with Residues Tyr137 and Trp204 as Critical Ligands. <i>PLoS ONE</i> , 2013, 8, e65682.	1.1	8
232	Lipoprotein SPD_1609 of <i>Streptococcus pneumoniae</i> Promotes Adherence and Invasion to Epithelial Cells Contributing to Bacterial Virulence. <i>Frontiers in Microbiology</i> , 2019, 10, 1769.	1.5	8
233	Identification of ubiquitinated proteins from human multiple myeloma U266 cells by proteomics. <i>Biomedical and Environmental Sciences</i> , 2011, 24, 422-30.	0.2	8
234	Dispec: A Novel Peptide Scoring Algorithm Based on Peptide Matching Discriminability. <i>PLoS ONE</i> , 2013, 8, e62724.	1.1	7

#	ARTICLE	IF	CITATIONS
235	Highly Robust <i>de Novo</i> Full-Length Protein Sequencing. <i>Analytical Chemistry</i> , 2022, 94, 3467-3475.	3.2	7
236	[ <sup>13</sup> C]Methionine NMR and metal-binding studies of recombinant human transferrin N-lobe and five methionine mutants: conformational changes and increased sensitivity to chloride. <i>Biochemical Journal</i> , 1999, 344, 881.	1.7	6
237	The mechanism of iron-compensation for manganese deficiency of <i>Streptococcus pneumoniae</i> . <i>Journal of Proteomics</i> , 2018, 184, 62-70.	1.2	6
238	Epigenetics in Esophageal Cancer: From Mechanisms to Therapeutics. <i>Small Methods</i> , 2020, 4, 2000391.	4.6	6
239	Phosphoproteome and Biological Evidence Revealed Abnormal Calcium Homeostasis in Keloid Fibroblasts and Induction of Aberrant Platelet Aggregation. <i>Journal of Proteome Research</i> , 2021, 20, 2521-2532.	1.8	6
240	Detection of Abundant Proteins in Multiple Myeloma Cells by Proteomics. <i>Journal of Proteomics and Bioinformatics</i> , 2010, 03, 005-009.	0.4	6
241	Benzethonium chloride suppresses lung cancer tumorigenesis through inducing p38-mediated cyclin D1 degradation. <i>American Journal of Cancer Research</i> , 2019, 9, 2397-2412.	1.4	6
242	The flightless I protein interacts with RNA-binding proteins and is involved in the genome-wide mRNA post-transcriptional regulation in lung carcinoma cells. <i>International Journal of Oncology</i> , 2017, 51, 347-361.	1.4	5
243	Evolution and molecular mechanism of PitAs in iron transport of <i>Streptococcus</i> species. <i>Journal of Inorganic Biochemistry</i> , 2018, 182, 113-123.	1.5	5
244	Improved SILAC method for double labeling of bacterial proteome. <i>Journal of Proteomics</i> , 2019, 194, 89-98.	1.2	5
245	Post-translational modifications of CDK5 and their biological roles in cancer. <i>Molecular Biomedicine</i> , 2021, 2, 22.	1.7	5
246	Propafenone suppresses esophageal cancer proliferation through inducing mitochondrial dysfunction. <i>American Journal of Cancer Research</i> , 2017, 7, 2245-2256.	1.4	5
247	Proteomic technology and its biomedical applications. <i>Sheng Wu Hua Xue Yu Sheng Wu Wu Li Xue Bao Acta Biochimica Et Biophysica Sinica</i> , 2003, 35, 965-75.	0.1	5
248	C20orf24 promotes colorectal cancer progression by recruiting Rin1 to activate Rab5-mediated mitogen-activated protein kinase/extracellular signal-regulated kinase signalling. <i>Clinical and Translational Medicine</i> , 2022, 12, e796.	1.7	5
249	Identification and Tetramer Structure of Hemin-Binding Protein SPD_0310 Linked to Iron Homeostasis and Virulence of <i>Streptococcus pneumoniae</i> . <i>MSystems</i> , 2022, 7, e0022122.	1.7	5
250	Crizotinib Shows Antibacterial Activity against Gram-Positive Bacteria by Reducing ATP Production and Targeting the CTP Synthase PyrG. <i>Microbiology Spectrum</i> , 2022, 10, .	1.2	5
251	Current Progress in Sample Preparation for Two-Dimensional Electrophoresis in Proteomics. <i>Current Proteomics</i> , 2005, 2, 259-268.	0.1	4
252	Proteomic analysis of putative heme-binding proteins in <i>Streptococcus pyogenes</i> . <i>Metallomics</i> , 2014, 6, 1451.	1.0	4

#	ARTICLE	IF	CITATIONS
253	Comparative Proteomics of <i>Streptococcus pneumoniae</i> Response to Vancomycin Treatment. <i>OMICS A Journal of Integrative Biology</i> , 2017, 21, 531-539.	1.0	4
254	Susceptibility to false discovery in biomarker research using liquid chromatography–high resolution mass spectrometry based untargeted metabolomics profiling. <i>Clinical and Translational Medicine</i> , 2021, 11, e469.	1.7	4
255	Signaling Networks in Gastric Cancer Cells Revealed by Phosphoproteomics. <i>Journal of Proteomics and Bioinformatics</i> , 2010, 03, 113-120.	0.4	4
256	Hsa-miR-335 enhances cell migration and invasion in lung adenocarcinoma through targeting Copine1. <i>MedComm</i> , 2021, 2, 810-820.	3.1	4
257	Anion exchange in human serum transferrin N-lobe: a model study with variant His249Ala. <i>Journal of Biological Inorganic Chemistry</i> , 2003, 8, 635-643.	1.1	3
258	AUF1-like protein binds specifically to DASIS-acting element that regulates mouse $\beta$ -fetoprotein gene expression. <i>Journal of Cellular Biochemistry</i> , 2006, 98, 1257-1270.	1.2	3
259	Bioinformatic Application in Proteomic Research on Biomarker Discovery and Drug Target Validation. <i>Current Bioinformatics</i> , 2007, 2, 11-20.	0.7	3
260	LXtoo: an integrated live Linux distribution for the bioinformatics community. <i>BMC Research Notes</i> , 2012, 5, 360.	0.6	3
261	Critical Role of Matrix Metalloproteinase-9 in Acute Cold Exposure–Induced Stroke in Renovascular Hypertensive Rats. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2013, 22, e477-e485.	0.7	3
262	Quantitative secretome analysis of polymyxin B resistance in <i>Escherichia coli</i> . <i>Biochemical and Biophysical Research Communications</i> , 2020, 530, 307-313.	1.0	3
263	Alteration of mitochondrial protein succinylation against cellular oxidative stress in cancer. <i>Military Medical Research</i> , 2022, 9, 6.	1.9	3
264	Genomics and Proteomics in Drug Design and Discovery. , 2009, , 561-573.		2
265	Chemical Proteomics to Identify Molecular Targets of Small Compounds. <i>Current Molecular Medicine</i> , 2013, 13, 1175-1191.	0.6	2
266	Proteomic Study of the Adaptive Mechanism of Ciprofloxacin-Resistant <i>Staphylococcus aureus</i> to the Host Environment. <i>Journal of Proteome Research</i> , 2022, 21, 1537-1547.	1.8	2
267	Efficient Detection of the Alternative Spliced Human Proteome Using Translatome Sequencing. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, .	1.6	2
268	Three dimensional structures and topology of the transmembrane domain 4 of divalent metal transporter (DMT1) in membrane-mimetic environments. <i>Journal of Inorganic Biochemistry</i> , 2003, 96, 178.	1.5	1
269	Autoactivation of Translation Causes the Bloom of <i>Prorocentrum donghaiense</i> in Harmful Algal Blooms. <i>Journal of Proteome Research</i> , 2021, 20, 3179-3187.	1.8	1
270	Isolation of Cytoplasmatic Proteins from Cultured Cells for Two-Dimensional Gel Electrophoresis. <i>Methods in Molecular Biology</i> , 2008, 425, 101-112.	0.4	1



#	ARTICLE	IF	CITATIONS
271	Editorial: Emerging Proteins and Polypeptides Expressed by "Non-Coding RNAs"; Frontiers in Cell and Developmental Biology, 2022, 10, 862870.	1.8	1
272	SPD_0090 Negatively Contributes to Virulence of Streptococcus pneumoniae. Frontiers in Microbiology, 0, 13, .	1.5	1
273	17 Protein Alterations in Gastric Adenocarcinoma. Handbook of Immunohistochemistry and in Situ Hybridization of Human Carcinomas, 2005, 4, 221-234.	0.0	0
274	Editorial:[Special Issue: Post-Translational Proteomics and its Application (Guest Editor: Qing-Yu He)]. Current Proteomics, 2010, 7, 157-157.	0.1	0
275	Hunting Molecular Targets for Anticancer Reagents by Chemical Proteomics. , 2015, , 347-363.		0
276	Proteomics analysis in transgenic mice over-expressing endothelin-1 in astrocytes after transient focal cerebral ischemia. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, S278-S278.	2.4	0
277	Identification of Tumor Antigens as Targets for Novel Antitumor Therapies. , 2013, , 217-230.		0