

# Qing-Yu He

## List of Publications by Citations

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268  
papers

20,853  
citations

50  
h-index

141  
g-index

283  
ext. papers

30,893  
ext. citations

5.7  
avg, IF

7.13  
L-index

#	Paper	IF	Citations
268	clusterProfiler: an R package for comparing biological themes among gene clusters. <i>OMICS A Journal of Integrative Biology</i> , <b>2012</b> , 16, 284-7	3.8	9093
267	Proteomic analysis of the mode of antibacterial action of silver nanoparticles. <i>Journal of Proteome Research</i> , <b>2006</b> , 5, 916-24	5.6	1137
266	Silver nanoparticles: partial oxidation and antibacterial activities. <i>Journal of Biological Inorganic Chemistry</i> , <b>2007</b> , 12, 527-34	3.7	1115
265	CHIPseeker: an R/Bioconductor package for ChIP peak annotation, comparison and visualization. <i>Bioinformatics</i> , <b>2015</b> , 31, 2382-3	7.2	1036
264	ReactomePA: an R/Bioconductor package for reactome pathway analysis and visualization. <i>Molecular BioSystems</i> , <b>2016</b> , 12, 477-9		576
263	DOSE: an R/Bioconductor package for disease ontology semantic and enrichment analysis. <i>Bioinformatics</i> , <b>2015</b> , 31, 608-9	7.2	360
262	Transferrin-mediated gold nanoparticle cellular uptake. <i>Bioconjugate Chemistry</i> , <b>2005</b> , 16, 494-6	6.3	253
261	GoldIII porphyrin 1a induced apoptosis by mitochondrial death pathways related to reactive oxygen species. <i>Cancer Research</i> , <b>2005</b> , 65, 11553-64	10.1	166
260	Serum biomarkers of hepatitis B virus infected liver inflammation: a proteomic study. <i>Proteomics</i> , <b>2003</b> , 3, 666-74	4.8	151
259	Phosphoproteomic analysis reveals the multiple roles of phosphorylation in pathogenic bacterium <i>Streptococcus pneumoniae</i> . <i>Journal of Proteome Research</i> , <b>2010</b> , 9, 275-82	5.6	134
258	Diverse proteomic alterations in gastric adenocarcinoma. <i>Proteomics</i> , <b>2004</b> , 4, 3276-87	4.8	133
257	Comparative proteomic analysis of esophageal squamous cell carcinoma. <i>Proteomics</i> , <b>2005</b> , 5, 2960-71	4.8	126
256	Identification of tumor-associated proteins in oral tongue squamous cell carcinoma by proteomics. <i>Proteomics</i> , <b>2004</b> , 4, 271-8	4.8	113
255	Proteomics of buccal squamous cell carcinoma: the involvement of multiple pathways in tumorigenesis. <i>Proteomics</i> , <b>2004</b> , 4, 2465-75	4.8	112
254	A proteome analysis of the arsenite response in cultured lung cells: evidence for in vitro oxidative stress-induced apoptosis. <i>Biochemical Journal</i> , <b>2004</b> , 382, 641-50	3.8	108
253	Translating mRNAs strongly correlate to proteins in a multivariate manner and their translation ratios are phenotype specific. <i>Nucleic Acids Research</i> , <b>2013</b> , 41, 4743-54	20.1	107
252	MicroRNA-377 suppresses initiation and progression of esophageal cancer by inhibiting CD133 and VEGF. <i>Oncogene</i> , <b>2017</b> , 36, 3986-4000	9.2	102

251	Proteomics in biomarker discovery and drug development. <i>Journal of Cellular Biochemistry</i> , <b>2003</b> , 89, 868-86	4.7	102
250	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> , <b>2006</b> , 393, 285-93	3.8	98
249	Id-1 promotes tumorigenicity and metastasis of human esophageal cancer cells through activation of PI3K/AKT signaling pathway. <i>International Journal of Cancer</i> , <b>2009</b> , 125, 2576-85	7.5	96
248	Proteomic identification of malignant transformation-related proteins in esophageal squamous cell carcinoma. <i>Journal of Cellular Biochemistry</i> , <b>2008</b> , 104, 1625-35	4.7	87
247	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> , <b>2008</b> , 8, 3105-17	4.8	84
246	Dual role of Lys206-Lys296 interaction in human transferrin N-lobe: iron-release trigger and anion-binding site. <i>Biochemistry</i> , <b>1999</b> , 38, 9704-11	3.2	82
245	A proteomic approach for the identification of bismuth-binding proteins in <i>Helicobacter pylori</i> . <i>Journal of Biological Inorganic Chemistry</i> , <b>2007</b> , 12, 831-42	3.7	81
244	Opposed arsenite-induced signaling pathways promote cell proliferation or apoptosis in cultured lung cells. <i>Carcinogenesis</i> , <b>2004</b> , 25, 21-8	4.6	81
243	Proteomic characterization of the cytotoxic mechanism of gold (III) porphyrin 1a, a potential anticancer drug. <i>Proteomics</i> , <b>2006</b> , 6, 131-42	4.8	78
242	Thermodynamic and kinetic aspects of metal binding to the histidine-rich protein, Hpn. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 11330-1	16.4	72
241	Advances in targeted therapy for esophageal cancer. <i>Signal Transduction and Targeted Therapy</i> , <b>2020</b> , 5, 229	21	72
240	Global phosphoproteomic effects of natural tyrosine kinase inhibitor, genistein, on signaling pathways. <i>Proteomics</i> , <b>2010</b> , 10, 976-86	4.8	71
239	Proteomic approach to study the cytotoxicity of dioscin (saponin). <i>Proteomics</i> , <b>2006</b> , 6, 2422-32	4.8	70
238	Transfer RNAs Mediate the Rapid Adaptation of <i>Escherichia coli</i> to Oxidative Stress. <i>PLoS Genetics</i> , <b>2015</b> , 11, e1005302	6	66
237	Global identification of miR-373-regulated genes in breast cancer by quantitative proteomics. <i>Proteomics</i> , <b>2011</b> , 11, 912-20	4.8	66
236	Cellular pharmacological properties of gold(III) porphyrin 1a, a potential anticancer drug lead. <i>European Journal of Pharmacology</i> , <b>2007</b> , 554, 113-22	5.3	66
235	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> , <b>2017</b> , 8, 38755-38766	3.3	64
234	Dioscin (saponin)-induced generation of reactive oxygen species through mitochondria dysfunction: a proteomic-based study. <i>Journal of Proteome Research</i> , <b>2007</b> , 6, 4703-10	5.6	64

233	Application of immobilized metal affinity chromatography in proteomics. <i>Expert Review of Proteomics</i> , <b>2005</b> , 2, 649-57	4.2	64
232	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> , <b>2004</b> , 279, 12763-8	5.4	62
231	Genistein-induced mitotic arrest of gastric cancer cells by downregulating KIF20A, a proteomics study. <i>Proteomics</i> , <b>2012</b> , 12, 2391-9	4.8	61
230	A hidden human proteome encoded by non-coding genes. <i>Nucleic Acids Research</i> , <b>2019</b> , 47, 8111-8125	20.1	59
229	Formation of axial phenolate-metal bonds in square-pyramidal complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1996</b> , 2233-2237		57
228	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> , <b>2014</b> , 20, 2651-62	12.9	56
227	Inequivalence of the two tyrosine ligands in the N-lobe of human serum transferrin. <i>Biochemistry</i> , <b>1997</b> , 36, 14853-60	3.2	56
226	Investigation of the mechanism of iron release from the C-lobe of human serum transferrin: mutational analysis of the role of a pH sensitive triad. <i>Biochemistry</i> , <b>2003</b> , 42, 3701-7	3.2	56
225	Cancer cell-secreted IGF2 instigates fibroblasts and bone marrow-derived vascular progenitor cells to promote cancer progression. <i>Nature Communications</i> , <b>2017</b> , 8, 14399	17.4	53
224	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> , <b>2018</b> , 425, 43-53	9.9	53
223	Phosphoproteome analysis of the pathogenic bacterium <i>Helicobacter pylori</i> reveals over-representation of tyrosine phosphorylation and multiply phosphorylated proteins. <i>Proteomics</i> , <b>2011</b> , 11, 1449-61	4.8	53
222	Isodeoxyelephantopin induces protective autophagy in lung cancer cells via Nrf2-p62-keap1 feedback loop. <i>Cell Death and Disease</i> , <b>2017</b> , 8, e2876	9.8	51
221	Identification and characterization of molecular targets of natural products by mass spectrometry. <i>Mass Spectrometry Reviews</i> , <b>2010</b> , 29, 126-55	11	51
220	Proteomic and functional analyses reveal a dual molecular mechanism underlying arsenic-induced apoptosis in human multiple myeloma cells. <i>Journal of Proteome Research</i> , <b>2009</b> , 8, 3006-19	5.6	51
219	Quest for Missing Proteins: Update 2015 on Chromosome-Centric Human Proteome Project. <i>Journal of Proteome Research</i> , <b>2015</b> , 14, 3415-31	5.6	50
218	Systematic analyses of the transcriptome, translome, and proteome provide a global view and potential strategy for the C-HPP. <i>Journal of Proteome Research</i> , <b>2014</b> , 13, 38-49	5.6	50
217	Ruthenium methylimidazole complexes induced apoptosis in lung cancer A549 cells through intrinsic mitochondrial pathway. <i>Biochimie</i> , <b>2012</b> , 94, 345-53	4.6	49
216	Proteomic analysis of excretory secretory products from <i>Clonorchis sinensis</i> adult worms: molecular characterization and serological reactivity of a excretory-secretory antigen-fructose-1,6-bisphosphatase. <i>Parasitology Research</i> , <b>2011</b> , 109, 737-44	2.4	49

215	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> , <b>2000</b> , 350, 909-915	3.8	49
214	Identification of platination sites on human serum transferrin using (13)C and (15)N NMR spectroscopy. <i>Journal of Biological Inorganic Chemistry</i> , <b>1999</b> , 4, 621-31	3.7	49
213	The position of arginine 124 controls the rate of iron release from the N-lobe of human serum transferrin. A structural study. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 6027-33	5.4	48
212	Effects of mutations of aspartic acid 63 on the metal-binding properties of the recombinant N-lobe of human serum transferrin. <i>Biochemistry</i> , <b>1997</b> , 36, 5522-8	3.2	47
211	Deletion of aldose reductase leads to protection against cerebral ischemic injury. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2007</b> , 27, 1496-509	7.3	47
210	Differential effect of a his tag at the N- and C-termini: functional studies with recombinant human serum transferrin. <i>Biochemistry</i> , <b>2002</b> , 41, 9448-54	3.2	47
209	Modulation of gold(III) porphyrin 1a-induced apoptosis by mitogen-activated protein kinase signaling pathways. <i>Biochemical Pharmacology</i> , <b>2008</b> , 75, 1282-91	6	45
208	Oncoproteomics of hepatocellular carcinoma: from cancer markersRdiscovery to functional pathways. <i>Liver International</i> , <b>2007</b> , 27, 1021-38	7.9	44
207	The use of proteomics in the discovery of serum biomarkers from patients with severe acute respiratory syndrome. <i>Proteomics</i> , <b>2004</b> , 4, 3477-84	4.8	44
206	The E3 ubiquitin ligase CHIP mediates ubiquitination and proteasomal degradation of PRMT5. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2016</b> , 1863, 335-46	4.9	43
205	Crystal structure and metal binding properties of the lipoprotein MtsA, responsible for iron transport in Streptococcus pyogenes. <i>Biochemistry</i> , <b>2009</b> , 48, 6184-90	3.2	43
204	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> , <b>2016</b> , 22, 1243-55	12.9	42
203	Tubeimoside-1 exerts cytotoxicity in HeLa cells through mitochondrial dysfunction and endoplasmic reticulum stress pathways. <i>Journal of Proteome Research</i> , <b>2009</b> , 8, 1585-93	5.6	42
202	Cytoskeleton-centric protein transportation by exosomes transforms tumor-favorable macrophages. <i>Oncotarget</i> , <b>2016</b> , 7, 67387-67402	3.3	42
201	Subcellular proteomics revealed the epithelial-mesenchymal transition phenotype in lung cancer. <i>Proteomics</i> , <b>2011</b> , 11, 429-39	4.8	41
200	Glucose-regulated protein 78 is an intracellular antiviral factor against hepatitis B virus. <i>Molecular and Cellular Proteomics</i> , <b>2009</b> , 8, 2582-94	7.6	41
199	Putative copper- and zinc-binding motifs in Streptococcus pneumoniae identified by immobilized metal affinity chromatography and mass spectrometry. <i>Proteomics</i> , <b>2011</b> , 11, 3288-98	4.8	40
198	Glucose-regulated protein 78 as a novel effector of BRCA1 for inhibiting stress-induced apoptosis. <i>Oncogene</i> , <b>2008</b> , 27, 6782-9	9.2	39

197	Toward the proteomic identification of biomarkers for the prediction of HBV related hepatocellular carcinoma. <i>Journal of Cellular Biochemistry</i> , <b>2008</b> , 103, 740-52	4.7	37
196	Resolving chromosome-centric human proteome with translating mRNA analysis: a strategic demonstration. <i>Journal of Proteome Research</i> , <b>2014</b> , 13, 50-9	5.6	35
195	FANSe2: a robust and cost-efficient alignment tool for quantitative next-generation sequencing applications. <i>PLoS ONE</i> , <b>2014</b> , 9, e94250	3.7	35
194	Proteomics characterization of gastrokine 1-induced growth inhibition of gastric cancer cells. <i>Proteomics</i> , <b>2011</b> , 11, 3657-64	4.8	35
193	The BET Bromodomain Inhibitor JQ1 Suppresses Chondrosarcoma Cell Growth via Regulation of YAP/p21/c-Myc Signaling. <i>Journal of Cellular Biochemistry</i> , <b>2017</b> , 118, 2182-2192	4.7	34
192	Mutations at the histidine 249 ligand profoundly alter the spectral and iron-binding properties of human serum transferrin N-lobe. <i>Biochemistry</i> , <b>2000</b> , 39, 1205-10	3.2	34
191	Mutation of the iron ligand His 249 to Glu in the N-lobe of human transferrin abolishes the dilysine "trigger" but does not significantly affect iron release. <i>Biochemistry</i> , <b>2000</b> , 39, 1211-6	3.2	34
190	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> , <b>2019</b> , 9, 1599-1613 <sup>12.1</sup>		33
189	Transcriptomic and proteomic approach to studying SNX-2112-induced K562 cells apoptosis and anti-leukemia activity in K562-NOD/SCID mice. <i>FEBS Letters</i> , <b>2009</b> , 583, 1859-66	3.8	33
188	Crystal structures and iron release properties of mutants (K206A and K296A) that abolish the dilysine interaction in the N-lobe of human transferrin. <i>Biochemistry</i> , <b>2001</b> , 40, 1616-23	3.2	33
187	Proteomic analysis of chromium cytotoxicity in cultured rat lung epithelial cells. <i>Proteomics</i> , <b>2008</b> , 8, 2420-9	4.8	32
186	Significance of prohibitin domain family in tumorigenesis and its implication in cancer diagnosis and treatment. <i>Cell Death and Disease</i> , <b>2018</b> , 9, 580	9.8	32
185	KCTD12 promotes tumorigenesis by facilitating CDC25B/CDK1/Aurora A-dependent G2/M transition. <i>Oncogene</i> , <b>2017</b> , 36, 6177-6189	9.2	31
184	Heparin chromatography to deplete high-abundance proteins for serum proteomics. <i>Clinica Chimica Acta</i> , <b>2008</b> , 388, 173-8	6.2	31
183	The expression and clinical significance of CLIC1 and HSP27 in lung adenocarcinoma. <i>Tumor Biology</i> , <b>2011</b> , 32, 1199-208	2.9	30
182	Cytotoxicity of Silver Nanoparticles Against Bacteria and Tumor Cells. <i>Current Protein and Peptide Science</i> , <b>2018</b> , 19, 525-536	2.8	30
181	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> , <b>2003</b> , 42, 7084-9	2.3	29
180	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> , <b>1995</b> , 2323		29

179	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> , <b>2019</b> , 9, 186-197	4.4	29
178	Phosphoproteome Characterization of Human Colorectal Cancer SW620 Cell-Derived Exosomes and New Phosphosite Discovery for C-HPP. <i>Journal of Proteome Research</i> , <b>2016</b> , 15, 4060-4072	5.6	29
177	Jolkinolide B induces apoptosis of colorectal carcinoma through ROS-ER stress-Ca-mitochondria dependent pathway. <i>Oncotarget</i> , <b>2017</b> , 8, 91223-91237	3.3	28
176	Putative cobalt- and nickel-binding proteins and motifs in <i>Streptococcus pneumoniae</i> . <i>Metallomics</i> , <b>2013</b> , 5, 928-35	4.5	28
175	Fractionation of proteins by heparin chromatography. <i>Methods in Molecular Biology</i> , <b>2008</b> , 424, 213-21	1.4	28
174	Mutations at nonliganding residues Tyr-85 and Glu-83 in the N-lobe of human serum transferrin. Functional second shell effects. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 17018-24	5.4	28
173	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> , <b>1996</b> , 2857		28
172	Integrated Translatomics with Proteomics to Identify Novel Iron-Transporting Proteins in <i>Streptococcus pneumoniae</i> . <i>Frontiers in Microbiology</i> , <b>2016</b> , 7, 78	5.7	28
171	Inhibition of Nrf2 enhances the anticancer effect of 6-O-angeloylenolin in lung adenocarcinoma. <i>Biochemical Pharmacology</i> , <b>2017</b> , 129, 43-53	6	27
170	Calpain-truncated CRMP-3 and -4 contribute to potassium deprivation-induced apoptosis of cerebellar granule neurons. <i>Proteomics</i> , <b>2009</b> , 9, 3712-28	4.8	27
169	Iron release from recombinant N-lobe and single point Asp63 mutants of human transferrin by EDTA. <i>Biochemical Journal</i> , <b>1997</b> , 328 ( Pt 2), 439-45	3.8	27
168	Cytokeratin 8 silencing in human nasopharyngeal carcinoma cells leads to cisplatin sensitization. <i>Cancer Letters</i> , <b>2008</b> , 265, 188-96	9.9	26
167	Synergistic effects of retinoic acid and tamoxifen on human breast cancer cells: proteomic characterization. <i>Experimental Cell Research</i> , <b>2007</b> , 313, 357-68	4.2	26
166	Expression, purification, and characterization of recombinant nonglycosylated human serum transferrin containing a C-terminal hexahistidine tag. <i>Protein Expression and Purification</i> , <b>2001</b> , 23, 142-50	5.0	26
165	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> , <b>2001</b> , 40, 11670-5	3.2	26
164	Mutagenesis of the aspartic acid ligands in human serum transferrin: lobe-lobe interaction and conformation as revealed by antibody, receptor-binding and iron-release studies. <i>Biochemical Journal</i> , <b>1998</b> , 330 ( Pt 1), 35-40	3.8	26
163	Lung cancer deficient in the tumor suppressor GATA4 is sensitive to TGFBR1 inhibition. <i>Nature Communications</i> , <b>2019</b> , 10, 1665	17.4	25
162	Identification of Missing Proteins Defined by Chromosome-Centric Proteome Project in the Cytoplasmic Detergent-Insoluble Proteins. <i>Journal of Proteome Research</i> , <b>2015</b> , 14, 3693-709	5.6	25

161	Quantitative phosphoproteomics of proteasome inhibition in multiple myeloma cells. <i>PLoS ONE</i> , <b>2010</b> , 5, e13095	3.7	25
160	Epidermal growth factor-induced epithelial-mesenchymal transition in human esophageal carcinoma cells--a model for the study of metastasis. <i>Cancer Letters</i> , <b>2010</b> , 296, 88-95	9.9	25
159	Mammary serine protease inhibitor inhibits epithelial growth factor-induced epithelial-mesenchymal transition of esophageal carcinoma cells. <i>Cancer</i> , <b>2009</b> , 115, 36-48	6.4	25
158	Lipoprotein MtsA of MtsABC in <i>Streptococcus pyogenes</i> primarily binds ferrous ion with bicarbonate as a synergistic anion. <i>FEBS Letters</i> , <b>2008</b> , 582, 1351-4	3.8	25
157	Genome-Wide and Experimental Resolution of Relative Translation Elongation Speed at Individual Gene Level in Human Cells. <i>PLoS Genetics</i> , <b>2016</b> , 12, e1005901	6	25
156	IGF2 induces CD133 expression in esophageal cancer cells to promote cancer stemness. <i>Cancer Letters</i> , <b>2018</b> , 425, 88-100	9.9	24
155	Phosphoproteomic analysis of primary human multiple myeloma cells. <i>Journal of Proteomics</i> , <b>2010</b> , 73, 1381-90	3.9	24
154	Proteomic analysis of neonatal mouse brain: evidence for hypoxia- and ischemia-induced dephosphorylation of collapsin response mediator proteins. <i>Journal of Proteome Research</i> , <b>2008</b> , 7, 2507-2515	5.6	24
153	Motile hepatocellular carcinoma cells preferentially secrete sugar metabolism regulatory proteins via exosomes. <i>Proteomics</i> , <b>2017</b> , 17, 1700103	4.8	23
152	Proteomic analyses of arsenic-induced cell transformation with SELDI-TOF ProteinChip technology. <i>Journal of Cellular Biochemistry</i> , <b>2003</b> , 88, 1-8	4.7	23
151	Spectral and metal-binding properties of three single-point tryptophan mutants of the human transferrin N-lobe. <i>Biochemical Journal</i> , <b>2001</b> , 354, 423-429	3.8	23
150	Heavy metals chromium and neodymium reduced phosphorylation level of heat shock protein 27 in human keratinocytes. <i>Toxicology in Vitro</i> , <b>2010</b> , 24, 1098-104	3.6	22
149	Application of proteomics in the study of tumor metastasis. <i>Genomics, Proteomics and Bioinformatics</i> , <b>2004</b> , 2, 152-66	6.5	22
148	Detergent-Insoluble Proteome Analysis Revealed Aberrantly Aggregated Proteins in Human Preeclampsia Placentas. <i>Journal of Proteome Research</i> , <b>2017</b> , 16, 4468-4480	5.6	21
147	Direct Targeting of CREB1 with Imperatorin Inhibits TGF2-ERK Signaling to Suppress Esophageal Cancer Metastasis. <i>Advanced Science</i> , <b>2020</b> , 7, 2000925	13.6	21
146	Liensinine perchlorate inhibits colorectal cancer tumorigenesis by inducing mitochondrial dysfunction and apoptosis. <i>Food and Function</i> , <b>2018</b> , 9, 5536-5546	6.1	21
145	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> , <b>2014</b> , 13, 114-25	5.6	21
144	Dioscin induced activation of p38 MAPK and JNK via mitochondrial pathway in HL-60 cell line. <i>European Journal of Pharmacology</i> , <b>2014</b> , 735, 52-8	5.3	21



143	A novel andrographolide derivative AL-1 exerts its cytotoxicity on K562 cells through a ROS-dependent mechanism. <i>Proteomics</i> , <b>2013</b> , 13, 169-78	4.8	21
142	The preventive effect of oral EGCG in a fetal alcohol spectrum disorder mouse model. <i>Alcoholism: Clinical and Experimental Research</i> , <b>2010</b> , 34, 1929-36	3.7	21
141	Proteomic analysis of a preneoplastic phenotype in ovarian surface epithelial cells derived from prophylactic oophorectomies. <i>Gynecologic Oncology</i> , <b>2005</b> , 98, 68-76	4.9	21
140	Proteomic identification of Ku70/Ku80 autoantigen recognized by monoclonal antibody against hepatocellular carcinoma. <i>Proteomics</i> , <b>2005</b> , 5, 1980-6	4.8	21
139	Spectral and metal-binding properties of three single-point tryptophan mutants of the human transferrin N-lobe. <i>Biochemical Journal</i> , <b>2001</b> , 354, 423-9	3.8	21
138	Direct targeting of HSP90 with daurisolone destabilizes Ectenin to suppress lung cancer tumorigenesis. <i>Cancer Letters</i> , <b>2020</b> , 489, 66-78	9.9	20
137	Iron depletion decreases proliferation and induces apoptosis in a human colonic adenocarcinoma cell line, Caco2. <i>Journal of Inorganic Biochemistry</i> , <b>2009</b> , 103, 1074-81	4.2	20
136	Functional proteomics to identify critical proteins in signal transduction pathways. <i>Amino Acids</i> , <b>2008</b> , 35, 267-74	3.5	20
135	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> , <b>2000</b> , 350, 909	3.8	20
134	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> , <b>1995</b> , 697		20
133	Echinatin suppresses esophageal cancer tumor growth and invasion through inducing AKT/mTOR-dependent autophagy and apoptosis. <i>Cell Death and Disease</i> , <b>2020</b> , 11, 524	9.8	20
132	hnRNPK inhibits GSK3βSer9 phosphorylation, thereby stabilizing c-FLIP and contributes to TRAIL resistance in H1299 lung adenocarcinoma cells. <i>Scientific Reports</i> , <b>2016</b> , 6, 22999	4.9	20
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