

Siu Kwan Sze

List of Publications by Year in descending order

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255
papers

14,046
citations

23567

58
h-index

28297

105
g-index

274
all docs

274
docs citations

274
times ranked

22454
citing authors

#	ARTICLE	IF	CITATIONS
1	Mediator Complex of the Malaria Parasite <i>Plasmodium falciparum</i> Associates with Evolutionarily Novel Subunits. ACS Omega, 2022, 7, 14867-14874.	3.5	1
2	Proteomics for comprehensive characterization of extracellular vesicles in neurodegenerative disease. Experimental Neurology, 2022, 355, 114149.	4.1	5
3	Extracellular Vesicle Proteome of Breast Cancer Patients with and Without Cognitive Impairment Following Anthracycline-based Chemotherapy: An Exploratory Study. Biomarker Insights, 2021, 16, 117727192110182.	2.5	6
4	Characterization and application of natural and recombinant butelase-1 to improve industrial enzymes by end-to-end circularization. RSC Advances, 2021, 11, 23105-23112.	3.6	12
5	Application of Advanced Mass Spectrometry-Based Proteomics to Study Hypoxia Driven Cancer Progression. Frontiers in Oncology, 2021, 11, 559822.	2.8	12
6	Enterovirus A71 exploits peripherin and Rac1 to invade the central nervous system. EMBO Reports, 2021, 22, e51777.	4.5	12
7	Ageing-induced isoDGR-modified fibronectin activates monocytic and endothelial cells to promote atherosclerosis. Atherosclerosis, 2021, 324, 58-68.	0.8	10
8	Translational GTPase BipA Is Involved in the Maturation of a Large Subunit of Bacterial Ribosome at Suboptimal Temperature. Frontiers in Microbiology, 2021, 12, 686049.	3.5	6
9	The legumain McPAL1 from <i>Momordica cochinchinensis</i> is a highly stable Asx-specific splicing enzyme. Journal of Biological Chemistry, 2021, 297, 101325.	3.4	9
10	The steroidal lactone withaferin A impedes T-cell motility by inhibiting the kinase ZAP70 and subsequent kinome signaling. Journal of Biological Chemistry, 2021, 297, 101377.	3.4	5
11	Proteomic Profiling of the Secretome of <i>Trichoderma reesei</i> . Methods in Molecular Biology, 2021, 2234, 237-249.	0.9	0
12	The unusual diâ€domain structure of <i>Dunaliella salina</i> glycerolâ€phosphate dehydrogenase enables direct conversion of dihydroxyacetone phosphate to glycerol. Plant Journal, 2020, 102, 153-164.	5.7	13
13	Microenvironmental Hypoxia Induces Dynamic Changes in Lung Cancer Synthesis and Secretion of Extracellular Vesicles. Cancers, 2020, 12, 2917.	3.7	13
14	Turning an Asparaginyl Endopeptidase into a Peptide Ligase. ACS Catalysis, 2020, 10, 8825-8834.	11.2	29
15	System-wide molecular dynamics of endothelial dysfunction in Gram-negative sepsis. BMC Biology, 2020, 18, 175.	3.8	6
16	Vimentin protects differentiating stem cells from stress. Scientific Reports, 2020, 10, 19525.	3.3	32
17	Embryonic Stem Cell Differentiation Is Regulated by SET through Interactions with p53 and β -Catenin. Stem Cell Reports, 2020, 15, 1260-1274.	4.8	4
18	Alzheimer's disease progression characterized by alterations in the molecular profiles and biogenesis of brain extracellular vesicles. Alzheimer's Research and Therapy, 2020, 12, 54.	6.2	47

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19	Exploring Extracellular Vesicles Biogenesis in Hypothalamic Cells through a Heavy Isotope Pulse/Trace Proteomic Approach. <i>Cells</i> , 2020, 9, 1320.	4.1	11
20	Oxidative Damage to the TCA Cycle Enzyme MDH1 Dysregulates Bioenergetic Enzymatic Activity in the Aged Murine Brain. <i>Journal of Proteome Research</i> , 2020, 19, 1706-1717.	3.7	32
21	Pulsed SILAM Reveals In Vivo Dynamics of Murine Brain Protein Translation. <i>ACS Omega</i> , 2020, 5, 13528-13540.	3.5	3
22	Hypoxia-Induced Degenerative Protein Modifications Associated with Aging and Age-Associated Disorders. , 2020, 11, 341.		28
23	Role of Exosomes in Cancer-Related Cognitive Impairment. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2755.	4.1	19
24	Serum albumin cysteine trioxidation is a potential oxidative stress biomarker of type 2 diabetes mellitus. <i>Scientific Reports</i> , 2020, 10, 6475.	3.3	26
25	Profiling the ϵ -deamidome™ of complex biosamples using mixed-mode chromatography-coupled tandem mass spectrometry. <i>Methods</i> , 2020, , .	3.8	6
26	Advances in extracellular vesicles analysis. <i>Advances in Clinical Chemistry</i> , 2020, 97, 73-116.	3.7	7
27	Clinical implications of extracellular vesicles in neurodegenerative diseases. <i>Expert Review of Molecular Diagnostics</i> , 2019, 19, 813-824.	3.1	14
28	Brown Adipose Tissue: Multimodality Evaluation by PET, MRI, Infrared Thermography, and Whole-Body Calorimetry (TACTICAL®). <i>Obesity</i> , 2019, 27, 1434-1442.	3.0	40
29	Prooxidant modifications in the cryptome of beef jerky, the deleterious post-digestion composition of processed meat snacks. <i>Food Research International</i> , 2019, 125, 108569.	6.2	3
30	Materials Stiffness-Dependent Redox Metabolic Reprogramming of Mesenchymal Stem Cells for Secretome-Based Therapeutic Angiogenesis. <i>Advanced Healthcare Materials</i> , 2019, 8, e1900929.	7.6	49
31	Brain-derived and circulating vesicle profiles indicate neurovascular unit dysfunction in early Alzheimer's disease. <i>Brain Pathology</i> , 2019, 29, 593-605.	4.1	44
32	Quantitative Proteomic Analysis of Simian Primary Hepatocytes Reveals Candidate Molecular Markers for Permissiveness to Relapsing Malaria Plasmodium cynomolgi. <i>Proteomics</i> , 2019, 19, 1900021.	2.2	4
33	Abundant neuroprotective chaperone Lipocalin-type prostaglandin D synthase (L-PCGS) disassembles the Amyloid- β fibrils. <i>Scientific Reports</i> , 2019, 9, 12579.	3.3	31
34	Artificially intelligent proteomics improves cardiovascular risk assessment. <i>EBioMedicine</i> , 2019, 40, 23-24.	6.1	6
35	Quantitative profiling brain proteomes revealed mitochondrial dysfunction in Alzheimer's disease. <i>Molecular Brain</i> , 2019, 12, 8.	2.6	117
36	Plant-derived mitochondria-targeting cysteine-rich peptide modulates cellular bioenergetics. <i>Journal of Biological Chemistry</i> , 2019, 294, 4000-4011.	3.4	30

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37	Delineation of critical amino acids in activation function 1 of progesterone receptor for recruitment of transcription coregulators. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2019, 1862, 522-533.	1.9	9
38	Dynamic expression of tRNA-derived small RNAs define cellular states. <i>EMBO Reports</i> , 2019, 20, e47789.	4.5	100
39	Degenerative protein modifications in the aging vasculature and central nervous system: A problem shared is not always halved. <i>Ageing Research Reviews</i> , 2019, 53, 100909.	10.9	22
40	Structural determinants for peptide-bond formation by asparaginyl ligases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 11737-11746.	7.1	81
41	Hypoxia-induced tumor exosomes promote M2-like macrophage polarization of infiltrating myeloid cells and microRNA-mediated metabolic shift. <i>Oncogene</i> , 2019, 38, 5158-5173.	5.9	212
42	Pellino1 specifically binds to phospho-Thr18 of p53 and is recruited to sites of DNA damage. <i>Biochemical and Biophysical Research Communications</i> , 2019, 513, 714-720.	2.1	11
43	Carotid artery disease in post-stroke survivors and effects of enriched environment on stroke pathology in a mouse model of carotid artery stenosis. <i>Neuropathology and Applied Neurobiology</i> , 2019, 45, 681-697.	3.2	19
44	Immunomic Identification of Malaria Antigens Associated With Protection in Mice. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 837-853.	3.8	1
45	Astratides: Insulin-Modulating, Insecticidal, and Antifungal Cysteine-Rich Peptides from <i>Astragalus membranaceus</i> . <i>Journal of Natural Products</i> , 2019, 82, 194-204.	3.0	21
46	Roseltide rT7 is a disulfide-rich, anionic, and cell-penetrating peptide that inhibits proteasomal degradation. <i>Journal of Biological Chemistry</i> , 2019, 294, 19604-19615.	3.4	21
47	Mechanoregulation of Cancer-Associated Fibroblast Phenotype in Three-Dimensional Interpenetrating Hydrogel Networks. <i>Langmuir</i> , 2019, 35, 7487-7495.	3.5	31
48	Aqueous humor protein dysregulation in primary angle-closure glaucoma. <i>International Ophthalmology</i> , 2019, 39, 861-871.	1.4	27
49	Pulsed SILAC-based proteomic analysis unveils hypoxia- and serum starvation-induced <i>de novo</i> protein synthesis with PHD finger protein 14 (PHF14) as a hypoxia sensitive epigenetic regulator in cell cycle progression. <i>Oncotarget</i> , 2019, 10, 2136-2150.	1.8	19
50	ERO1 α promotes hypoxic tumor progression and is associated with poor prognosis in pancreatic cancer. <i>Oncotarget</i> , 2019, 10, 5970-5982.	1.8	29
51	Peptidomic Identification of Cysteine-Rich Peptides from Plants. <i>Methods in Molecular Biology</i> , 2018, 1719, 379-393.	0.9	7
52	Distinctive molecular signature and activated signaling pathways in aortic smooth muscle cells of patients with myocardial infarction. <i>Atherosclerosis</i> , 2018, 271, 237-244.	0.8	29
53	Studies on the Proteome of Human Hair - Identification of Histones and Deamidated Keratins. <i>Scientific Reports</i> , 2018, 8, 1599.	3.3	52
54	Capsinoids activate brown adipose tissue (BAT) with increased energy expenditure associated with subthreshold 18-fluorine fluorodeoxyglucose uptake in BAT-positive humans confirmed by positron emission tomography scan. <i>American Journal of Clinical Nutrition</i> , 2018, 107, 62-70.	4.7	42

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55	Ribosome protection by antibiotic resistance ATP-binding cassette protein. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 5157-5162.	7.1	83
56	Transcriptome alterations of vascular smooth muscle cells in aortic wall of myocardial infarction patients. Data in Brief, 2018, 17, 1112-1135.	1.0	13
57	Enriched Expression of Neutral Sphingomyelinase 2 in the Striatum is Essential for Regulation of Lipid Raft Content and Motor Coordination. Molecular Neurobiology, 2018, 55, 5741-5756.	4.0	19
58	Quantitative mass spectrometry of human reticulocytes reveal proteome-wide modifications during maturation. British Journal of Haematology, 2018, 180, 118-133.	2.5	40
59	Myocardial Injury Is Distinguished from Stable Angina by a Set of Candidate Plasma Biomarkers Identified Using iTRAQ/MRM-Based Approach. Journal of Proteome Research, 2018, 17, 499-515.	3.7	17
60	Oxidative stress promotes SIRT1 recruitment to the GADD34/PP1± complex to activate its deacetylase function. Cell Death and Differentiation, 2018, 25, 255-267.	11.2	35
61	Chronic oxidative stress promotes GADD34-mediated phosphorylation of the TAR DNA-binding protein TDP-43, a modification linked to neurodegeneration. Journal of Biological Chemistry, 2018, 293, 163-176.	3.4	32
62	Identification of Arenin, a Novel Kunitz-Like Polypeptide from the Skin Secretions of Dryophytes arenicolor. International Journal of Molecular Sciences, 2018, 19, 3644.	4.1	0
63	Amino acids stimulate the endosome-to-Golgi trafficking through Ragulator and small GTPase Arl5. Nature Communications, 2018, 9, 4987.	12.8	22
64	Bacteria Display Differential Growth and Adhesion Characteristics on Human Hair Shafts. Frontiers in Microbiology, 2018, 9, 2145.	3.5	16
65	Vascular Bed Molecular Profiling by Differential Systemic Decellularization In Vivo. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 2396-2409.	2.4	16
66	PTEN-L is a novel protein phosphatase for ubiquitin dephosphorylation to inhibit PINK1±Parkin-mediated mitophagy. Cell Research, 2018, 28, 787-802.	12.0	124
67	Soy±Derived Phytochemical Genistein Modifies Chromatome Topology to Restrict Cancer Cell Proliferation. Proteomics, 2018, 18, e1700474.	2.2	8
68	Importance of TFEB acetylation in control of its transcriptional activity and lysosomal function in response to histone deacetylase inhibitors. Autophagy, 2018, 14, 1-17.	9.1	68
69	Molecular diversity and function of jasmitides from Jasminum sambac. BMC Plant Biology, 2018, 18, 144.	3.6	8
70	Thrombin and Plasmin Alter the Proteome of Neutrophil Extracellular Traps. Frontiers in Immunology, 2018, 9, 1554.	4.8	55
71	Identification of Antibacterial Components in Human Hair Shafts. Acta Dermato-Venereologica, 2018, 98, 708-710.	1.3	6
72	Lowering Low-Density Lipoprotein Particles in Plasma Using Dextran Sulphate Co-Precipitates Procoagulant Extracellular Vesicles. International Journal of Molecular Sciences, 2018, 19, 94.	4.1	23

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73	The protein kinase CK2 catalytic domain from <i>Plasmodium falciparum</i> : crystal structure, tyrosine kinase activity and inhibition. <i>Scientific Reports</i> , 2018, 8, 7365.	3.3	11
74	Online Removal of Sodium Dodecyl Sulfate via Weak Cation Exchange in Liquid Chromatography–Mass Spectrometry Based Proteomics. <i>Journal of Proteome Research</i> , 2018, 17, 2390-2400.	3.7	9
75	Proteomic Analysis of Aqueous Humor from Primary Open Angle Glaucoma Patients on Drug Treatment Revealed Altered Complement Activation Cascade. <i>Journal of Proteome Research</i> , 2018, 17, 2499-2510.	3.7	29
76	Recent advances in mass spectrometric analysis of protein deamidation. <i>Mass Spectrometry Reviews</i> , 2017, 36, 677-692.	5.4	56
77	Dietary phytochemical PEITC restricts tumor development via modulation of epigenetic writers and erasers. <i>Scientific Reports</i> , 2017, 7, 40569.	3.3	29
78	<i>P. falciparum</i> RH5-Basigin interaction induces changes in the cytoskeleton of the host RBC. <i>Cellular Microbiology</i> , 2017, 19, e12747.	2.1	36
79	Application of Nanosecond Laser Photolysis Protein Footprinting to Study EGFR Activation by EGF in Cells. <i>Journal of Proteome Research</i> , 2017, 16, 2282-2293.	3.7	21
80	Phosphatase POPX2 Exhibits Dual Regulatory Functions in Cancer Metastasis. <i>Journal of Proteome Research</i> , 2017, 16, 698-711.	3.7	13
81	Alternative SET/TAFI Promoters Regulate Embryonic Stem Cell Differentiation. <i>Stem Cell Reports</i> , 2017, 9, 1291-1303.	4.8	19
82	Proteolytic signatures define unique thrombin-derived peptides present in human wound fluid in vivo. <i>Scientific Reports</i> , 2017, 7, 13136.	3.3	18
83	Monocyte adhesion to atherosclerotic matrix proteins is enhanced by Asn-Cly-Arg deamidation. <i>Scientific Reports</i> , 2017, 7, 5765.	3.3	23
84	Proteomic Analysis of Amyloid Corneal Aggregates from <i>TGFBI</i> -H626R Lattice Corneal Dystrophy Patient Implicates Serine-Protease HTRA1 in Mutation-Specific Pathogenesis of TGFBIp. <i>Journal of Proteome Research</i> , 2017, 16, 2899-2913.	3.7	15
85	Simultaneous Enrichment of Plasma Extracellular Vesicles and Glycoproteome for Studying Disease Biomarkers. <i>Methods in Molecular Biology</i> , 2017, 1619, 193-201.	0.9	3
86	Vaccatides: Antifungal Glutamine-Rich Hevein-Like Peptides from <i>Vaccaria hispanica</i> . <i>Frontiers in Plant Science</i> , 2017, 8, 1100.	3.6	23
87	Brain ureido degenerative protein modifications are associated with neuroinflammation and proteinopathy in Alzheimer's disease with cerebrovascular disease. <i>Journal of Neuroinflammation</i> , 2017, 14, 175.	7.2	35
88	An iTRAQ-based proteomic analysis reveals dysregulation of neocortical synaptopodin in Lewy body dementias. <i>Molecular Brain</i> , 2017, 10, 36.	2.6	25
89	LERLIC-MS/MS for In-depth Characterization and Quantification of Glutamine and Asparagine Deamidation in Shotgun Proteomics. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	4
90	Ginkgotides: Proline-Rich Hevein-Like Peptides from Gymnosperm <i>Ginkgo biloba</i> . <i>Frontiers in Plant Science</i> , 2016, 7, 1639.	3.6	29

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91	Proteomics study revealed altered proteome of <i>Dichogaster curgensis</i> upon exposure to fly ash. <i>Chemosphere</i> , 2016, 160, 104-113.	8.2	6
92	Structural insights into the LCIB protein family reveals a new group of $\hat{1}^2$ -carbonic anhydrases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 14716-14721.	7.1	61
93	MSC secretes at least 3 EV types each with a unique permutation of membrane lipid, protein and RNA. <i>Journal of Extracellular Vesicles</i> , 2016, 5, 29828.	12.2	187
94	Enrichment of extracellular vesicles from tissues of the central nervous system by PROSPR. <i>Molecular Neurodegeneration</i> , 2016, 11, 41.	10.8	76
95	<i>Drosophila</i> expressing human SOD1 successfully recapitulates mitochondrial phenotypic features of familial amyotrophic lateral sclerosis. <i>Neuroscience Letters</i> , 2016, 624, 47-52.	2.1	8
96	Commercial processed soy-based food product contains glycated and glycoxidated lunasin proteoforms. <i>Scientific Reports</i> , 2016, 6, 26106.	3.3	22
97	A high-throughput peptidomic strategy to decipher the molecular diversity of cyclic cysteine-rich peptides. <i>Scientific Reports</i> , 2016, 6, 23005.	3.3	48
98	Irradiation of Epithelial Carcinoma Cells Upregulates Calcium-Binding Proteins That Promote Survival under Hypoxic Conditions. <i>Journal of Proteome Research</i> , 2016, 15, 4258-4264.	3.7	9
99	Proteome mapping of <i>Plasmodium</i> : identification of the <i>P. yoelii</i> remodelome. <i>Scientific Reports</i> , 2016, 6, 31055.	3.3	9
100	Insight of brain degenerative protein modifications in the pathology of neurodegeneration and dementia by proteomic profiling. <i>Molecular Brain</i> , 2016, 9, 92.	2.6	53
101	Characterization of Glutamine Deamidation by Long-Length Electrostatic Repulsion-Hydrophilic Interaction Chromatography-Tandem Mass Spectrometry (LERLIC-MS/MS) in Shotgun Proteomics. <i>Analytical Chemistry</i> , 2016, 88, 10573-10582.	6.5	31
102	Plasma-derived Extracellular Vesicles Contain Predictive Biomarkers and Potential Therapeutic Targets for Myocardial Ischemic (MI) Injury. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 2628-2640.	3.8	97
103	Gender differences in white matter pathology and mitochondrial dysfunction in Alzheimer's disease with cerebrovascular disease. <i>Molecular Brain</i> , 2016, 9, 27.	2.6	58
104	Global re-wiring of p53 transcription regulation by the hepatitis B virus X protein. <i>Molecular Oncology</i> , 2016, 10, 1183-1195.	4.6	23
105	Dementia-linked amyloidosis is associated with brain protein deamidation as revealed by proteomic profiling of human brain tissues. <i>Molecular Brain</i> , 2016, 9, 20.	2.6	30
106	Plasma proteome coverage is increased by unique peptide recovery from sodium deoxycholate precipitate. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 1963-1973.	3.7	20
107	Selective labelling and eradication of antibiotic-tolerant bacterial populations in <i>Pseudomonas aeruginosa</i> biofilms. <i>Nature Communications</i> , 2016, 7, 10750.	12.8	137
108	Aortic Wall Extracellular Matrix Proteins Correlate with Syntax Score in Patients Undergoing Coronary Artery Bypass Surgery. <i>Open Cardiovascular Medicine Journal</i> , 2016, 10, 48-56.	0.3	3

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109	Extracellular vesicles are rapidly purified from human plasma by Protein Organic Solvent Precipitation (PROSPR). <i>Scientific Reports</i> , 2015, 5, 14664.	3.3	99
110	Data for iTRAQ profiling of micro-vesicular plasma specimens: In search of potential prognostic circulatory biomarkers for Lacunar infarction. <i>Data in Brief</i> , 2015, 4, 510-517.	1.0	5
111	Progerin reduces LAP2 β -telomere association in Hutchinson-Gilford progeria. <i>ELife</i> , 2015, 4, .	6.0	96
112	Improving Blood Plasma Glycoproteome Coverage by Coupling Ultracentrifugation Fractionation to Electrostatic Repulsion-Hydrophilic Interaction Chromatography Enrichment. <i>Journal of Proteome Research</i> , 2015, 14, 2828-2838.	3.7	13
113	Simultaneous Enrichment of Plasma Soluble and Extracellular Vesicular Glycoproteins Using Prolonged Ultracentrifugation-Electrostatic Repulsion-hydrophilic Interaction Chromatography (PUC-ERLIC) Approach*. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 1657-1671.	3.8	28
114	The diagnostic and prognostic potential of plasma extracellular vesicles for cardiovascular disease. <i>Expert Review of Molecular Diagnostics</i> , 2015, 15, 1577-1588.	3.1	46
115	Cysteine-Rich Peptide Family with Unusual Disulfide Connectivity from <i>Jasminum sambac</i> . <i>Journal of Natural Products</i> , 2015, 78, 2791-2799.	3.0	13
116	Heterochromatin Protein 1 β (HP1 β) has distinct functions and distinct nuclear distribution in pluripotent versus differentiated cells. <i>Genome Biology</i> , 2015, 16, 213.	8.8	55
117	SF3B1 Association with Chromatin Determines Splicing Outcomes. <i>Cell Reports</i> , 2015, 11, 618-629.	6.4	95
118	Multiplex Imaging and Cellular Target Identification of Kinase Inhibitors via an Affinity-Based Proteome Profiling Approach. <i>Scientific Reports</i> , 2015, 5, 7724.	3.3	34
119	The methyltransferase Ezh2 controls cell adhesion and migration through direct methylation of the extranuclear regulatory protein talin. <i>Nature Immunology</i> , 2015, 16, 505-516.	14.5	144
120	Uncovering Neurodegenerative Protein Modifications via Proteomic Profiling. <i>International Review of Neurobiology</i> , 2015, 121, 87-116.	2.0	28
121	Syntax score correlates with extracellular matrix of aortic wall in patients undergoing coronary artery bypass surgery. <i>Atherosclerosis</i> , 2015, 241, e64.	0.8	0
122	Differential Association of Chromatin Proteins Identifies BAF60a/SMARCD1 as a Regulator of Embryonic Stem Cell Differentiation. <i>Cell Reports</i> , 2015, 10, 2019-2031.	6.4	47
123	Cutting Edge: Synchronization of IRF1, JunB, and C/EBP β Activities during TLR3-TLR7 Cross-Talk Orchestrates Timely Cytokine Synergy in the Proinflammatory Response. <i>Journal of Immunology</i> , 2015, 195, 801-805.	0.8	28
124	Temporal lobe proteins implicated in synaptic failure exhibit differential expression and deamidation in vascular dementia. <i>Neurochemistry International</i> , 2015, 80, 87-98.	3.8	26
125	Data for iTRAQ secretomic analysis of <i>Aspergillus fumigatus</i> in response to different carbon sources. <i>Data in Brief</i> , 2015, 3, 175-179.	1.0	6
126	Quantitative proteomic study of <i>Aspergillus Fumigatus</i> secretome revealed deamidation of secretory enzymes. <i>Journal of Proteomics</i> , 2015, 119, 154-168.	2.4	53

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127	Evaluation of the Effect of Trypsin Digestion Buffers on Artificial Deamidation. Journal of Proteome Research, 2015, 14, 1308-1314.	3.7	46
128	LEO1 Is Regulated by PRL-3 and Mediates Its Oncogenic Properties in Acute Myelogenous Leukemia. Cancer Research, 2014, 74, 3043-3053.	0.9	29
129	Acetylation at Lysine 183 of Progesterone Receptor by p300 Accelerates DNA Binding Kinetics and Transactivation of Direct Target Genes. Journal of Biological Chemistry, 2014, 289, 2180-2194.	3.4	20
130	Hypoxia-induced Changes to Integrin α 3 Glycosylation Facilitate Invasion in Epidermoid Carcinoma Cell Line A431. Molecular and Cellular Proteomics, 2014, 13, 3126-3137.	3.8	38
131	Trichoderma Secretome. , 2014, , 103-114.		15
132	Lysine Methylation of Progesterone Receptor at Activation Function 1 Regulates both Ligand-independent Activity and Ligand Sensitivity of the Receptor. Journal of Biological Chemistry, 2014, 289, 5704-5722.	3.4	21
133	Quantitative Profiling of Chromatome Dynamics Reveals a Novel Role for HP1BP3 in Hypoxia-induced Oncogenesis. Molecular and Cellular Proteomics, 2014, 13, 3236-3249.	3.8	38
134	Profiling of the Chromatin-associated Proteome Identifies HP1BP3 as a Novel Regulator of Cell Cycle Progression. Molecular and Cellular Proteomics, 2014, 13, 2183-2197.	3.8	36
135	Genome-wide analysis in Plasmodium falciparum reveals early and late phases of RNA polymerase II occupancy during the infectious cycle. BMC Genomics, 2014, 15, 959.	2.8	24
136	Quantitative profiling of the rat heart myoblast secretome reveals differential responses to hypoxia and re-oxygenation stress. Journal of Proteomics, 2014, 98, 138-149.	2.4	31
137	Plasma biomarker discovery in preeclampsia using a novel differential isolation technology for circulating extracellular vesicles. American Journal of Obstetrics and Gynecology, 2014, 211, 380.e1-380.e13.	1.3	41
138	Biochemical potential of MSC exosome. Cytotherapy, 2014, 16, S43.	0.7	2
139	iTRAQ Quantitative Clinical Proteomics Revealed Role of Na ⁺ K ⁺ -ATPase and Its Correlation with Deamidation in Vascular Dementia. Journal of Proteome Research, 2014, 13, 4635-4646.	3.7	31
140	Proteomic Analysis of Protein Deamidation. Current Protocols in Protein Science, 2014, 78, 24.5.1-24.5.14.	2.8	6
141	Deep proteomic profiling of human carotid atherosclerotic plaques using multidimensional LC-MS/MS. Proteomics - Clinical Applications, 2014, 8, 631-635.	1.6	23
142	Study of <i>Phanerochaete chrysosporium</i> Secretome Revealed Protein Glycosylation as a Substrate-Dependent Post-Translational Modification. Journal of Proteome Research, 2014, 13, 4272-4280.	3.7	16
143	Novel pathophysiological markers are revealed by iTRAQ-based quantitative clinical proteomics approach in vascular dementia. Journal of Proteomics, 2014, 99, 54-67.	2.4	30
144	Exosomal protein FAM3C as a potential novel biomarker for non-small cell lung cancer.. Journal of Clinical Oncology, 2014, 32, e22162-e22162.	1.6	3

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145	Discovery of Prognostic Biomarker Candidates of Lacunar Infarction by Quantitative Proteomics of Microvesicles Enriched Plasma. PLoS ONE, 2014, 9, e94663.	2.5	38
146	The Use of Electrostatic Repulsion-Hydrophilic Interaction Chromatography (ERLIC) for Proteomics Research. Mass Spectrometry Letters, 2014, 5, 95-103.	0.5	1
147	Quantitative clinical proteomic study of autopsied human infarcted brain specimens to elucidate the deregulated pathways in ischemic stroke pathology. Journal of Proteomics, 2013, 91, 556-568.	2.4	36
148	Brain-Site-Specific Proteome Changes Induced by Neuronal P60TRP Expression. NeuroSignals, 2013, 21, 129-149.	0.9	17
149	Protein abundance in multiplexed samples (PAMUS) for quantitation of Trichoderma reesei secretome. Journal of Proteomics, 2013, 83, 180-196.	2.4	27
150	Plasma extracellular vesicle protein content for diagnosis and prognosis of global cardiovascular disease. Netherlands Heart Journal, 2013, 21, 467-471.	0.8	22
151	Brain site-specific proteome changes in aging-related dementia. Experimental and Molecular Medicine, 2013, 45, e39-e39.	7.7	98
152	Small Molecule Probe Suitable for <i>In Situ</i> Profiling and Inhibition of Protein Disulfide Isomerase. ACS Chemical Biology, 2013, 8, 2577-2585.	3.4	51
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154	Comparative evaluation of electrostatic repulsion-hydrophilic interaction chromatography (ERLIC) and high-pH reversed phase (Hp-RP) chromatography in profiling of rat kidney proteome. Journal of Proteomics, 2013, 82, 254-262.	2.4	25
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