

# Siu Kwan Sze

## List of Publications by Citations

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253  
papers

10,983  
citations

52  
h-index

95  
g-index

274  
ext. papers

12,765  
ext. citations

5.8  
avg. IF

6.24  
L-index

#	Paper	IF	Citations
253	Exosome secreted by MSC reduces myocardial ischemia/reperfusion injury. <i>Stem Cell Research</i> , <b>2010</b> , 4, 214-22	1.6	1493
252	Hypoxic tumor cell modulates its microenvironment to enhance angiogenic and metastatic potential by secretion of proteins and exosomes. <i>Molecular and Cellular Proteomics</i> , <b>2010</b> , 9, 1085-99	7.6	394
251	Human mesenchymal stem cell-conditioned medium improves cardiac function following myocardial infarction. <i>Stem Cell Research</i> , <b>2011</b> , 6, 206-14	1.6	315
250	Proteolytic Potential of the MSC Exosome Proteome: Implications for an Exosome-Mediated Delivery of Therapeutic Proteasome. <i>International Journal of Proteomics</i> , <b>2012</b> , 2012, 971907		310
249	Top-down mass spectrometry of a 29-kDa protein for characterization of any posttranslational modification to within one residue. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2002</b> , 99, 1774-9	11.5	232
248	Sall4 interacts with Nanog and co-occupies Nanog genomic sites in embryonic stem cells. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 24090-4	5.4	222
247	Secondary and tertiary structures of gaseous protein ions characterized by electron capture dissociation mass spectrometry and photofragment spectroscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2002</b> , 99, 15863-8	11.5	210
246	Design and synthesis of minimalist terminal alkyne-containing diazirine photo-crosslinkers and their incorporation into kinase inhibitors for cell- and tissue-based proteome profiling. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 8551-6	16.4	208
245	Elucidating the secretion proteome of human embryonic stem cell-derived mesenchymal stem cells. <i>Molecular and Cellular Proteomics</i> , <b>2007</b> , 6, 1680-9	7.6	204
244	CDK5RAP2 stimulates microtubule nucleation by the gamma-tubulin ring complex. <i>Journal of Cell Biology</i> , <b>2010</b> , 191, 1089-95	7.3	196
243	HERC5 is an IFN-induced HECT-type E3 protein ligase that mediates type I IFN-induced ISGylation of protein targets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 10735-40	11.5	182
242	Raman spectroscopic characterization of carbonaceous aerosols. <i>Atmospheric Environment</i> , <b>2001</b> , 35, 561-568	5.3	168
241	MSC secretes at least 3 EV types each with a unique permutation of membrane lipid, protein and RNA. <i>Journal of Extracellular Vesicles</i> , <b>2016</b> , 5, 29828	16.4	136
240	Hypoxia-induced tumor exosomes promote M2-like macrophage polarization of infiltrating myeloid cells and microRNA-mediated metabolic shift. <i>Oncogene</i> , <b>2019</b> , 38, 5158-5173	9.2	114
239	Quantitative secretomic analysis of <i>Trichoderma reesei</i> strains reveals enzymatic composition for lignocellulosic biomass degradation. <i>Molecular and Cellular Proteomics</i> , <b>2012</b> , 11, M111.012419	7.6	113
238	Nanosecond laser-induced photochemical oxidation method for protein surface mapping with mass spectrometry. <i>Analytical Chemistry</i> , <b>2005</b> , 77, 5814-22	7.8	110
237	Detection, evaluation and minimization of nonenzymatic deamidation in proteomic sample preparation. <i>Molecular and Cellular Proteomics</i> , <b>2011</b> , 10, O111.009381	7.6	109

236	The methyltransferase Ezh2 controls cell adhesion and migration through direct methylation of the extranuclear regulatory protein talin. <i>Nature Immunology</i> , <b>2015</b> , 16, 505-16	19.1	106
235	Myostatin induces degradation of sarcomeric proteins through a Smad3 signaling mechanism during skeletal muscle wasting. <i>Molecular Endocrinology</i> , <b>2011</b> , 25, 1936-49		102
234	Cyclooxygenase-2 inhibition increases mortality, enhances left ventricular remodeling, and impairs systolic function after myocardial infarction in the pig. <i>Circulation</i> , <b>2007</b> , 115, 326-32	16.7	99
233	Quantitative time-course profiling of parasite and host cell proteins in the human malaria parasite <i>Plasmodium falciparum</i> . <i>Molecular and Cellular Proteomics</i> , <b>2011</b> , 10, M110.006411	7.6	95
232	Local atherosclerotic plaques are a source of prognostic biomarkers for adverse cardiovascular events. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2010</b> , 30, 612-9	9.4	95
231	Quantitative iTRAQ secretome analysis of <i>Aspergillus niger</i> reveals novel hydrolytic enzymes. <i>Journal of Proteome Research</i> , <b>2010</b> , 9, 3932-40	5.6	95
230	Angiopoietin-like 4 interacts with matrix proteins to modulate wound healing. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 32999-33009	5.4	94
229	Selective labelling and eradication of antibiotic-tolerant bacterial populations in <i>Pseudomonas aeruginosa</i> biofilms. <i>Nature Communications</i> , <b>2016</b> , 7, 10750	17.4	91
228	A comparative study of electrostatic repulsion-hydrophilic interaction chromatography (ERLIC) versus SCX-IMAC-based methods for phosphopeptide isolation/enrichment. <i>Journal of Proteome Research</i> , <b>2008</b> , 7, 4869-77	5.6	86
227	Simultaneous characterization of glyco- and phosphoproteomes of mouse brain membrane proteome with electrostatic repulsion hydrophilic interaction chromatography. <i>Molecular and Cellular Proteomics</i> , <b>2010</b> , 9, 635-47	7.6	81
226	Plasma-derived Extracellular Vesicles Contain Predictive Biomarkers and Potential Therapeutic Targets for Myocardial Ischemic (MI) Injury. <i>Molecular and Cellular Proteomics</i> , <b>2016</b> , 15, 2628-40	7.6	78
225	Brain site-specific proteome changes in aging-related dementia. <i>Experimental and Molecular Medicine</i> , <b>2013</b> , 45, e39	12.8	77
224	Novel application of electrostatic repulsion-hydrophilic interaction chromatography (ERLIC) in shotgun proteomics: comprehensive profiling of rat kidney proteome. <i>Journal of Proteome Research</i> , <b>2010</b> , 9, 3520-6	5.6	77
223	Identification of atrogin-1-targeted proteins during the myostatin-induced skeletal muscle wasting. <i>American Journal of Physiology - Cell Physiology</i> , <b>2012</b> , 303, C512-29	5.4	76
222	PTEN-L is a novel protein phosphatase for ubiquitin dephosphorylation to inhibit PINK1-Parkin-mediated mitophagy. <i>Cell Research</i> , <b>2018</b> , 28, 787-802	24.7	76
221	Extracellular vesicles are rapidly purified from human plasma by Protein Organic Solvent Precipitation (PROSPR). <i>Scientific Reports</i> , <b>2015</b> , 5, 14664	4.9	74
220	Identification of novel functional differences in monocyte subsets using proteomic and transcriptomic methods. <i>Journal of Proteome Research</i> , <b>2009</b> , 8, 4028-38	5.6	74
219	SF3B1 association with chromatin determines splicing outcomes. <i>Cell Reports</i> , <b>2015</b> , 11, 618-29	10.6	73

218	Myostatin is a novel tumoral factor that induces cancer cachexia. <i>Biochemical Journal</i> , <b>2012</b> , 446, 23-36	3.8	73
217	Progerin reduces LAP2 $\beta$ telomere association in Hutchinson-Gilford progeria. <i>ELife</i> , <b>2015</b> , 4,	8.9	72
216	Adipocyte fatty acid binding protein in atherosclerotic plaques is associated with local vulnerability and is predictive for the occurrence of adverse cardiovascular events. <i>European Heart Journal</i> , <b>2011</b> , 32, 1758-68	9.5	72
215	Plasma electron capture dissociation for the characterization of large proteins by top down mass spectrometry. <i>Analytical Chemistry</i> , <b>2003</b> , 75, 1599-603	7.8	71
214	Top down characterization of secreted proteins from Mycobacterium tuberculosis by electron capture dissociation mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2003</b> , 14, 253-61	3.5	70
213	Quantitative iTRAQ secretome analysis of cellulolytic <i>Thermobifida fusca</i> . <i>Journal of Proteome Research</i> , <b>2010</b> , 9, 3016-24	5.6	66
212	Microvesicle protein levels are associated with increased risk for future vascular events and mortality in patients with clinically manifest vascular disease. <i>International Journal of Cardiology</i> , <b>2013</b> , 168, 2358-63	3.2	65
211	iTRAQ-based quantitative secretome analysis of <i>Phanerochaete chrysosporium</i> . <i>Journal of Proteomics</i> , <b>2011</b> , 75, 642-54	3.9	64
210	Quantitative proteomic analysis of lignocellulolytic enzymes by <i>Phanerochaete chrysosporium</i> on different lignocellulosic biomass. <i>Journal of Proteomics</i> , <b>2012</b> , 75, 1493-504	3.9	63
209	Design and Synthesis of Minimalist Terminal Alkyne-Containing Diazirine Photo-Crosslinkers and Their Incorporation into Kinase Inhibitors for Cell- and Tissue-Based Proteome Profiling. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 8713-8718	3.6	59
208	Proteomic analysis of pH and strains dependent protein secretion of <i>Trichoderma reesei</i> . <i>Journal of Proteome Research</i> , <b>2011</b> , 10, 4579-96	5.6	59
207	Hybridization of pulsed-Q dissociation and collision-activated dissociation in linear ion trap mass spectrometer for iTRAQ quantitation. <i>Journal of Proteome Research</i> , <b>2008</b> , 7, 4831-40	5.6	59
206	Proteome profiling reveals potential cellular targets of staurosporine using a clickable cell-permeable probe. <i>Chemical Communications</i> , <b>2011</b> , 47, 11306-8	5.8	58
205	Serum extracellular vesicle protein levels are associated with acute coronary syndrome. <i>European Heart Journal: Acute Cardiovascular Care</i> , <b>2013</b> , 2, 53-60	4.3	56
204	Hypoxia modulates A431 cellular pathways association to tumor radioresistance and enhanced migration revealed by comprehensive proteomic and functional studies. <i>Molecular and Cellular Proteomics</i> , <b>2013</b> , 12, 485-98	7.6	56
203	Phenotyping of an in vitro model of ischemic penumbra by iTRAQ-based shotgun quantitative proteomics. <i>Journal of Proteome Research</i> , <b>2010</b> , 9, 472-84	5.6	56
202	Hypoxia activated EGFR signaling induces epithelial to mesenchymal transition (EMT). <i>PLoS ONE</i> , <b>2012</b> , 7, e49766	3.7	55
201	Quantitative profiling brain proteomes revealed mitochondrial dysfunction in Alzheimer's disease. <i>Molecular Brain</i> , <b>2019</b> , 12, 8	4.5	51

200	Structural determinants for peptide-bond formation by asparaginyl ligases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 11737-11746	11.5	51
199	Microwave-assisted specific chemical digestion for rapid protein identification. <i>Proteomics</i> , <b>2006</b> , 6, 586-98	7.8	51
198	Structure of a novel phosphotyrosine-binding domain in Hakai that targets E-cadherin. <i>EMBO Journal</i> , <b>2012</b> , 31, 1308-19	13	50
197	Enrichment of extracellular vesicles from tissues of the central nervous system by PROSPR. <i>Molecular Neurodegeneration</i> , <b>2016</b> , 11, 41	19	50
196	Dynamic expression of tRNA-derived small RNAs define cellular states. <i>EMBO Reports</i> , <b>2019</b> , 20, e47789	6.5	49
195	Ribosome protection by antibiotic resistance ATP-binding cassette protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 5157-5162	11.5	47
194	Elucidating in vivo structural dynamics in integral membrane protein by hydroxyl radical footprinting. <i>Molecular and Cellular Proteomics</i> , <b>2009</b> , 8, 1999-2010	7.6	47
193	Quantitative proteomic study of <i>Aspergillus Fumigatus</i> secretome revealed deamidation of secretory enzymes. <i>Journal of Proteomics</i> , <b>2015</b> , 119, 154-68	3.9	46
192	Quantitative neuroproteomics of an in vivo rodent model of focal cerebral ischemia/reperfusion injury reveals a temporal regulation of novel pathophysiological molecular markers. <i>Journal of Proteome Research</i> , <b>2011</b> , 10, 5199-213	5.6	46
191	Structural insights into the LCIB protein family reveals a new group of carbonic anhydrases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 14716-14721	11.5	46
190	Gender differences in white matter pathology and mitochondrial dysfunction in Alzheimer's disease with cerebrovascular disease. <i>Molecular Brain</i> , <b>2016</b> , 9, 27	4.5	45
189	Phosphoproteomics identified Endofin, DCBLD2, and KIAA0582 as novel tyrosine phosphorylation targets of EGF signaling and Iressa in human cancer cells. <i>Proteomics</i> , <b>2007</b> , 7, 2384-97	4.8	44
188	Simultaneous analysis of proteome, phospho- and glycoproteome of rat kidney tissue with electrostatic repulsion hydrophilic interaction chromatography. <i>PLoS ONE</i> , <b>2011</b> , 6, e16884	3.7	44
187	Heterochromatin Protein 1 (HP1) has distinct functions and distinct nuclear distribution in pluripotent versus differentiated cells. <i>Genome Biology</i> , <b>2015</b> , 16, 213	18.3	42
186	Metabolic adaptation to a disruption in oxygen supply during myocardial ischemia and reperfusion is underpinned by temporal and quantitative changes in the cardiac proteome. <i>Journal of Proteome Research</i> , <b>2012</b> , 11, 2331-46	5.6	42
185	Recent advances in mass spectrometric analysis of protein deamidation. <i>Mass Spectrometry Reviews</i> , <b>2017</b> , 36, 677-692	11	41
184	Evaluation of the effect of trypsin digestion buffers on artificial deamidation. <i>Journal of Proteome Research</i> , <b>2015</b> , 14, 1308-14	5.6	41
183	Importance of TFEB acetylation in control of its transcriptional activity and lysosomal function in response to histone deacetylase inhibitors. <i>Autophagy</i> , <b>2018</b> , 14, 1043-1059	10.2	41

182	Miniaturization of capillary isoelectric focusing. <i>Electrophoresis</i> , <b>2001</b> , 22, 3968-71	3.6	41
181	Small molecule probe suitable for in situ profiling and inhibition of protein disulfide isomerase. <i>ACS Chemical Biology</i> , <b>2013</b> , 8, 2577-85	4.9	40
180	Enhanced separation and characterization of deamidated peptides with RP-ERLIC-based multidimensional chromatography coupled with tandem mass spectrometry. <i>Journal of Proteome Research</i> , <b>2012</b> , 11, 1804-11	5.6	39
179	The diagnostic and prognostic potential of plasma extracellular vesicles for cardiovascular disease. <i>Expert Review of Molecular Diagnostics</i> , <b>2015</b> , 15, 1577-88	3.8	38
178	Differential association of chromatin proteins identifies BAF60a/SMARCD1 as a regulator of embryonic stem cell differentiation. <i>Cell Reports</i> , <b>2015</b> , 10, 2019-31	10.6	36
177	The CD14(+)/lowCD16(+) monocyte subset is more susceptible to spontaneous and oxidant-induced apoptosis than the CD14(+)/CD16(-) subset. <i>Cell Death and Disease</i> , <b>2010</b> , 1, e95	9.8	36
176	A high-throughput peptidomic strategy to decipher the molecular diversity of cyclic cysteine-rich peptides. <i>Scientific Reports</i> , <b>2016</b> , 6, 23005	4.9	34
175	Comparative proteome analysis of 3T3-L1 adipocyte differentiation using iTRAQ-coupled 2D LC-MS/MS. <i>Journal of Cellular Biochemistry</i> , <b>2011</b> , 112, 3002-14	4.7	34
174	Capillary isoelectric focusing in pseudo-closed channel coupled to matrix assisted laser desorption/ionization mass spectrometry for protein analysis. <i>Analyst, The</i> , <b>2004</b> , 129, 109-10	5	34
173	Discovery of prognostic biomarker candidates of lacunar infarction by quantitative proteomics of microvesicles enriched plasma. <i>PLoS ONE</i> , <b>2014</b> , 9, e94663	3.7	34
172	Multiplex imaging and cellular target identification of kinase inhibitors via an affinity-based proteome profiling approach. <i>Scientific Reports</i> , <b>2015</b> , 5, 7724	4.9	33
171	Scalable and effective enrichment of semiconducting single-walled carbon nanotubes by a dual selective naphthalene-based azo dispersant. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 5569-81 <sup>16.4</sup>	16.4	33
170	Study of monocyte membrane proteome perturbation during lipopolysaccharide-induced tolerance using iTRAQ-based quantitative proteomic approach. <i>Proteomics</i> , <b>2010</b> , 10, 2780-9	4.8	33
169	Quantitative profiling of chromatin dynamics reveals a novel role for HP1BP3 in hypoxia-induced oncogenesis. <i>Molecular and Cellular Proteomics</i> , <b>2014</b> , 13, 3236-49	7.6	32
168	Electrostatic repulsion-hydrophilic interaction chromatography (ERLIC) versus strong cation exchange (SCX) for fractionation of iTRAQ-labeled peptides. <i>Journal of Proteome Research</i> , <b>2011</b> , 10, 5568-74	5.6	30
167	Global molecular dysfunctions in gastric cancer revealed by an integrated analysis of the phosphoproteome and transcriptome. <i>Cellular and Molecular Life Sciences</i> , <b>2011</b> , 68, 1983-2002	10.3	30
166	Elucidating the structure of cyclotides by partial acid hydrolysis and LC-MS/MS analysis. <i>Analytical Chemistry</i> , <b>2009</b> , 81, 1079-88	7.8	30
165	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> , <b>2018</b> , 107, 62-70	7	29



164	Plasma biomarker discovery in preeclampsia using a novel differential isolation technology for circulating extracellular vesicles. <i>American Journal of Obstetrics and Gynecology</i> , <b>2014</b> , 211, 380.e1-13	6.4	29
163	Quantitative profiling of the rat heart myoblast secretome reveals differential responses to hypoxia and re-oxygenation stress. <i>Journal of Proteomics</i> , <b>2014</b> , 98, 138-49	3.9	29
162	Profiling of the Chromatin-associated Proteome Identifies HP1BP3 as a Novel Regulator of Cell Cycle Progression. <i>Molecular and Cellular Proteomics</i> , <b>2014</b> , 13, 2183-97	7.6	28
161	iTRAQ-based quantitative proteomic analysis of <i>Thermobifida fusca</i> reveals metabolic pathways of cellulose utilization. <i>Journal of Proteomics</i> , <b>2011</b> , 74, 2112-22	3.9	28
160	Detection of four oxidation sites in viral prolyl-4-hydroxylase by top-down mass spectrometry. <i>Protein Science</i> , <b>2003</b> , 12, 2320-6	6.3	28
159	Studies on the Proteome of Human Hair - Identification of Histones and Deamidated Keratins. <i>Scientific Reports</i> , <b>2018</b> , 8, 1599	4.9	27
158	Insight of brain degenerative protein modifications in the pathology of neurodegeneration and dementia by proteomic profiling. <i>Molecular Brain</i> , <b>2016</b> , 9, 92	4.5	27
157	Thrombin and Plasmin Alter the Proteome of Neutrophil Extracellular Traps. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 1554	8.4	27
156	Quantitative clinical proteomic study of autopsied human infarcted brain specimens to elucidate the deregulated pathways in ischemic stroke pathology. <i>Journal of Proteomics</i> , <b>2013</b> , 91, 556-68	3.9	27
155	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> , <b>2016</b> , 88, 10573-10582	7.8	26
154	Brain-derived and circulating vesicle profiles indicate neurovascular unit dysfunction in early Alzheimer's disease. <i>Brain Pathology</i> , <b>2019</b> , 29, 593-605	6	26
153	Hypoxia-induced changes to integrin $\beta$ glycosylation facilitate invasion in epidermoid carcinoma cell line A431. <i>Molecular and Cellular Proteomics</i> , <b>2014</b> , 13, 3126-37	7.6	26
152	Label free quantitative proteomic analysis of secretome by <i>Thermobifida fusca</i> on different lignocellulosic biomass. <i>Journal of Proteomics</i> , <b>2012</b> , 75, 3694-706	3.9	26
151	Proteomic analysis of temperature dependent extracellular proteins from <i>Aspergillus fumigatus</i> grown under solid-state culture condition. <i>Journal of Proteome Research</i> , <b>2013</b> , 12, 2715-31	5.6	26
150	Dementia-linked amyloidosis is associated with brain protein deamidation as revealed by proteomic profiling of human brain tissues. <i>Molecular Brain</i> , <b>2016</b> , 9, 20	4.5	25
149	iTRAQ quantitative clinical proteomics revealed role of Na(+)/K(+)-ATPase and its correlation with deamidation in vascular dementia. <i>Journal of Proteome Research</i> , <b>2014</b> , 13, 4635-46	5.6	25
148	Novel pathophysiological markers are revealed by iTRAQ-based quantitative clinical proteomics approach in vascular dementia. <i>Journal of Proteomics</i> , <b>2014</b> , 99, 54-67	3.9	25
147	Protein abundance in multiplexed samples (PAMUS) for quantitation of <i>Trichoderma reesei</i> secretome. <i>Journal of Proteomics</i> , <b>2013</b> , 83, 180-96	3.9	25

146	LEO1 is regulated by PRL-3 and mediates its oncogenic properties in acute myelogenous leukemia. <i>Cancer Research</i> , <b>2014</b> , 74, 3043-53	10.1	25
145	Mechanoregulation of Cancer-Associated Fibroblast Phenotype in Three-Dimensional Interpenetrating Hydrogel Networks. <i>Langmuir</i> , <b>2019</b> , 35, 7487-7495	4	25
144	<i>P. falciparum</i> RH5-Basigin interaction induces changes in the cytoskeleton of the host RBC. <i>Cellular Microbiology</i> , <b>2017</b> , 19, e12747	3.9	24
143	Quantitative mass spectrometry of human reticulocytes reveal proteome-wide modifications during maturation. <i>British Journal of Haematology</i> , <b>2018</b> , 180, 118-133	4.5	24
142	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> , <b>2015</b> , 14, 1657-71	7.6	24
141	Laser-induced fluorescence detection of non-covalently labeled protein in capillary isoelectric focusing. <i>Journal of Separation Science</i> , <b>2002</b> , 25, 1119-1122	3.4	24
140	New insights into the brain protein metabolism of <i>Gastrodia elata</i> -treated rats by quantitative proteomics. <i>Journal of Proteomics</i> , <b>2012</b> , 75, 2468-79	3.9	23
139	High myeloid-related protein: 8/14 levels are related to an increased risk of cardiovascular events after carotid endarterectomy. <i>Stroke</i> , <b>2010</b> , 41, 2010-5	6.7	23
138	Synergism between curdlan and GM-CSF confers a strong inflammatory signature to dendritic cells. <i>Journal of Immunology</i> , <b>2012</b> , 188, 1789-98	5.3	23
137	Cutting Edge: Synchronization of IRF1, JunB, and C/EBP $\beta$ Activities during TLR3-TLR7 Cross-Talk Orchestrates Timely Cytokine Synergy in the Proinflammatory Response. <i>Journal of Immunology</i> , <b>2015</b> , 195, 801-5	5.3	22
136	Temporal lobe proteins implicated in synaptic failure exhibit differential expression and deamidation in vascular dementia. <i>Neurochemistry International</i> , <b>2015</b> , 80, 87-98	4.4	22
135	Distinctive molecular signature and activated signaling pathways in aortic smooth muscle cells of patients with myocardial infarction. <i>Atherosclerosis</i> , <b>2018</b> , 271, 237-244	3.1	22
134	Materials Stiffness-Dependent Redox Metabolic Reprogramming of Mesenchymal Stem Cells for Secretome-Based Therapeutic Angiogenesis. <i>Advanced Healthcare Materials</i> , <b>2019</b> , 8, e1900929	10.1	22
133	Quantitative proteomics discloses MET expression in mitochondria as a direct target of MET kinase inhibitor in cancer cells. <i>Molecular and Cellular Proteomics</i> , <b>2010</b> , 9, 2629-41	7.6	22
132	Dietary phytochemical PEITC restricts tumor development via modulation of epigenetic writers and erasers. <i>Scientific Reports</i> , <b>2017</b> , 7, 40569	4.9	21
131	Brain ureido degenerative protein modifications are associated with neuroinflammation and proteinopathy in Alzheimer's disease with cerebrovascular disease. <i>Journal of Neuroinflammation</i> , <b>2017</b> , 14, 175	10.1	21
130	Oxidative stress promotes SIRT1 recruitment to the GADD34/PP1 $\beta$ complex to activate its deacetylase function. <i>Cell Death and Differentiation</i> , <b>2018</b> , 25, 255-267	12.7	21
129	Proteomics of plaques and novel sources of potential biomarkers for atherosclerosis. <i>Proteomics - Clinical Applications</i> , <b>2013</b> , 7, 490-503	3.1	21



128	Photochemistry of Adsorbed Molecules. 19. Photodissociation of CH <sub>3</sub> I on LiF(001) and NaCl(001) at 248 nm: REMPI Probing of CH <sub>3</sub> . <i>Journal of Physical Chemistry A</i> , <b>1997</b> , 101, 6679-6687	2.8	21
127	Ginkgotides: Proline-Rich Hevein-Like Peptides from Gymnosperm. <i>Frontiers in Plant Science</i> , <b>2016</b> , 7, 1639	6.2	21
126	Chronic oxidative stress promotes GADD34-mediated phosphorylation of the TAR DNA-binding protein TDP-43, a modification linked to neurodegeneration. <i>Journal of Biological Chemistry</i> , <b>2018</b> , 293, 163-176	5.4	21
125	Uncovering Neurodegenerative Protein Modifications via Proteomic Profiling. <i>International Review of Neurobiology</i> , <b>2015</b> , 121, 87-116	4.4	20
124	Plasma extracellular vesicle protein content for diagnosis and prognosis of global cardiovascular disease. <i>Netherlands Heart Journal</i> , <b>2013</b> , 21, 467-71	2.2	20
123	Comparative evaluation of electrostatic repulsion-hydrophilic interaction chromatography (ERLIC) and high-pH reversed phase (Hp-RP) chromatography in profiling of rat kidney proteome. <i>Journal of Proteomics</i> , <b>2013</b> , 82, 254-62	3.9	20
122	Tianma modulates proteins with various neuro-regenerative modalities in differentiated human neuronal SH-SY5Y cells. <i>Neurochemistry International</i> , <b>2012</b> , 60, 827-36	4.4	20
121	Characterization of extracellular lignocellulolytic enzymes of <i>Coniochaeta</i> sp. during corn stover bioconversion. <i>Process Biochemistry</i> , <b>2012</b> , 47, 2440-2448	4.8	20
120	UV embossed polymeric chip for protein separation and identification based on capillary isoelectric focusing and MALDI-TOF-MS. <i>Analytical Chemistry</i> , <b>2006</b> , 78, 3249-56	7.8	20
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