

Kwang Pyo Kim

List of Publications by Year in descending order

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235
papers

17,424
citations

31976

53
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16183

124
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241
all docs

241
docs citations

241
times ranked

26490
citing authors

#	ARTICLE	IF	CITATIONS
1	Minimal information for studies of extracellular vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines. <i>Journal of Extracellular Vesicles</i> , 2018, 7, 1535750.	12.2	6,961
2	Gram-positive bacteria produce membrane vesicles: Proteomics-based characterization of <i>Staphylococcus aureus</i> -derived membrane vesicles. <i>Proteomics</i> , 2009, 9, 5425-5436.	2.2	532
3	EVpedia: an integrated database of high-throughput data for systemic analyses of extracellular vesicles. <i>Journal of Extracellular Vesicles</i> , 2013, 2, .	12.2	401
4	Mitochondria-Immobilized pH-Sensitive Off-On Fluorescent Probe. <i>Journal of the American Chemical Society</i> , 2014, 136, 14136-14142.	13.7	395
5	Certain Pairs of Ubiquitin-conjugating Enzymes (E2s) and Ubiquitin-Protein Ligases (E3s) Synthesize Nondegradable Forked Ubiquitin Chains Containing All Possible Isopeptide Linkages*. <i>Journal of Biological Chemistry</i> , 2007, 282, 17375-17386.	3.4	371
6	Global proteomic profiling of native outer membrane vesicles derived from <i>Escherichia coli</i> . <i>Proteomics</i> , 2007, 7, 3143-3153.	2.2	352
7	Proteomic Analysis of Microvesicles Derived from Human Mesenchymal Stem Cells. <i>Journal of Proteome Research</i> , 2012, 11, 839-849.	3.7	348
8	EVpedia: a community web portal for extracellular vesicles research. <i>Bioinformatics</i> , 2015, 31, 933-939.	4.1	317
9	Proteomics in gram-negative bacterial outer membrane vesicles. <i>Mass Spectrometry Reviews</i> , 2008, 27, 535-555.	5.4	288
10	Non-classical exocytosis of α -synuclein is sensitive to folding states and promoted under stress conditions. <i>Journal of Neurochemistry</i> , 2010, 113, 1263-1274.	3.9	241
11	Ubiquitin ligase Nedd4 promotes α -synuclein degradation by the endosomal-lysosomal pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 17004-17009.	7.1	215
12	Orthogonal lipid sensors identify transbilayer asymmetry of plasma membrane cholesterol. <i>Nature Chemical Biology</i> , 2017, 13, 268-274.	8.0	183
13	Proteogenomic Characterization of Human Early-Onset Gastric Cancer. <i>Cancer Cell</i> , 2019, 35, 111-124.e10.	16.8	183
14	p62/SQSTM1/Sequestosome-1 is an N-recognin of the N-end rule pathway which modulates autophagosome biogenesis. <i>Nature Communications</i> , 2017, 8, 102.	12.8	178
15	Proteomic Analysis of Microvesicles Derived from Human Colorectal Cancer Cells. <i>Journal of Proteome Research</i> , 2007, 6, 4646-4655.	3.7	176
16	<i>Staphylococcus aureus</i> Extracellular Vesicles Carry Biologically Active β -Lactamase. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 2589-2595.	3.2	172
17	Roles of Trp31 in High Membrane Binding and Proinflammatory Activity of Human Group V Phospholipase A2. <i>Journal of Biological Chemistry</i> , 1999, 274, 11881-11888.	3.4	162
18	Proteomic analysis of microvesicles derived from human colorectal cancer ascites. <i>Proteomics</i> , 2011, 11, 2745-2751.	2.2	147

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19	Occupational Radiation Doses to Operators Performing Fluoroscopically-Guided Procedures. <i>Health Physics</i> , 2012, 103, 80-99.	0.5	133
20	Phospholipids as cancer biomarkers: Mass spectrometry-based analysis. <i>Mass Spectrometry Reviews</i> , 2018, 37, 107-138.	5.4	131
21	Cholesterol modulates cell signaling and protein networking by specifically interacting with PDZ domain-containing scaffold proteins. <i>Nature Communications</i> , 2012, 3, 1249.	12.8	129
22	Quantitative proteomics of extracellular vesicles derived from human primary and metastatic colorectal cancer cells. <i>Journal of Extracellular Vesicles</i> , 2012, 1, .	12.2	108
23	Lipid Peroxidation Product 4-Hydroxy-2-Nonenal Promotes Seeding-Capable Oligomer Formation and Cell-to-Cell Transfer of α -Synuclein. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 770-783.	5.4	99
24	Mass spectrometry-based proteome profiling of extracellular vesicles and their roles in cancer biology. <i>Experimental and Molecular Medicine</i> , 2019, 51, 1-10.	7.7	96
25	Minimising radiation exposure to physicians performing fluoroscopically guided cardiac catheterisation procedures: a review. <i>Radiation Protection Dosimetry</i> , 2009, 133, 227-233.	0.8	92
26	Binary Matrix for MALDI Imaging Mass Spectrometry of Phospholipids in Both Ion Modes. <i>Analytical Chemistry</i> , 2011, 83, 1252-1259.	6.5	92
27	Suppression of Inflammatory Responses by Surfactin, 11 Surfactin was formerly referred to as PI-003, a Selective Inhibitor of Platelet Cytosolic Phospholipase A2. <i>Biochemical Pharmacology</i> , 1998, 55, 975-985.	4.4	90
28	Autotaxin Regulates Maintenance of Ovarian Cancer Stem Cells through Lysophosphatidic Acid-Mediated Autocrine Mechanism. <i>Stem Cells</i> , 2016, 34, 551-564.	3.2	90
29	LSD1 demethylates HIF1 α to inhibit hydroxylation and ubiquitin-mediated degradation in tumor angiogenesis. <i>Oncogene</i> , 2017, 36, 5512-5521.	5.9	90
30	Functional Switching of TGF- β 1 Signaling in Liver Cancer via Epigenetic Modulation of a Single CpG Site in TTP Promoter. <i>Gastroenterology</i> , 2010, 138, 1898-1908.e12.	1.3	89
31	Mechanism of Human Group V Phospholipase A2(PLA2)-induced Leukotriene Biosynthesis in Human Neutrophils. <i>Journal of Biological Chemistry</i> , 2001, 276, 11126-11134.	3.4	87
32	Group V Phospholipase A2 Induces Leukotriene Biosynthesis in Human Neutrophils through the Activation of Group IVA Phospholipase A2. <i>Journal of Biological Chemistry</i> , 2002, 277, 36479-36488.	3.4	87
33	Mechanism of Group IVA Cytosolic Phospholipase A2 Activation by Phosphorylation. <i>Journal of Biological Chemistry</i> , 2003, 278, 41431-41442.	3.4	84
34	Identification and characterization of proteins isolated from microvesicles derived from human lung cancer pleural effusions. <i>Proteomics</i> , 2013, 13, 2125-2134.	2.2	84
35	Direct cellular delivery of human proteasomes to delay tau aggregation. <i>Nature Communications</i> , 2014, 5, 5633.	12.8	84
36	Microvesicles from brain-extract-treated mesenchymal stem cells improve neurological functions in a rat model of ischemic stroke. <i>Scientific Reports</i> , 2016, 6, 33038.	3.3	84

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37	Lipid MALDI profile classifies non-small cell lung cancers according to the histologic type. <i>Lung Cancer</i> , 2012, 76, 197-203.	2.0	81
38	Human Group V Phospholipase A2 Induces Group IVA Phospholipase A2-independent Cysteinyl Leukotriene Synthesis in Human Eosinophils. <i>Journal of Biological Chemistry</i> , 2003, 278, 38813-38820.	3.4	73
39	S5a promotes protein degradation by blocking synthesis of nondegradable forked ubiquitin chains. <i>EMBO Journal</i> , 2009, 28, 1867-1877.	7.8	70
40	The Protein Interaction Network of Extracellular Vesicles Derived from Human Colorectal Cancer Cells. <i>Journal of Proteome Research</i> , 2012, 11, 1144-1151.	3.7	66
41	Role of protein tyrosine nitration in neurodegenerative diseases and atherosclerosis. <i>Archives of Pharmacal Research</i> , 2009, 32, 1109-1118.	6.3	64
42	Curcumin interacts directly with the Cysteine 259 residue of STAT3 and induces apoptosis in H-Ras transformed human mammary epithelial cells. <i>Scientific Reports</i> , 2018, 8, 6409.	3.3	64
43	Nitrosative protein tyrosine modifications: biochemistry and functional significance. <i>BMB Reports</i> , 2008, 41, 194-203.	2.4	62
44	Internalized Group V Secretory Phospholipase A2 Acts on the Perinuclear Membranes. <i>Journal of Biological Chemistry</i> , 2002, 277, 9358-9365.	3.4	61
45	A new combination MALDI matrix for small molecule analysis: application to imaging mass spectrometry for drugs and metabolites. <i>Analyst, The</i> , 2012, 137, 5757.	3.5	60
46	Global changes of phospholipids identified by MALDI imaging mass spectrometry in a mouse model of Alzheimer's disease. <i>Journal of Lipid Research</i> , 2016, 57, 36-45.	4.2	59
47	Breast Cancer Cell-Derived Soluble CD44 Promotes Tumor Progression by Triggering Macrophage IL1 β Production. <i>Cancer Research</i> , 2020, 80, 1342-1356.	0.9	59
48	Proteomic analysis of human lacrimal and tear fluid in dry eye disease. <i>Scientific Reports</i> , 2017, 7, 13363.	3.3	58
49	Blockade of eosinophil migration and airway hyperresponsiveness by cPLA2-inhibition. <i>Nature Immunology</i> , 2001, 2, 145-149.	14.5	56
50	Mass Spectrometry Signal Amplification Method for Attomolar Detection of Antigens Using Small-Molecule-Tagged Gold Microparticles. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 9518-9521.	13.8	56
51	Discovery of serum protein biomarkers in drug-free patients with major depressive disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016, 69, 60-68.	4.8	56
52	Suppression of interferon-mediated anti-HBV response by single CpG methylation in the 5'-UTR of <i>TRIM22</i> . <i>Gut</i> , 2018, 67, 166-178.	12.1	56
53	Protein and lipid MALDI profiles classify breast cancers according to the intrinsic subtype. <i>BMC Cancer</i> , 2011, 11, 465.	2.6	55
54	Estradiol induces cytochrome P450 2B6 expression at high concentrations: Implication in estrogen-mediated gene regulation in pregnancy. <i>Biochemical Pharmacology</i> , 2012, 84, 93-103.	4.4	54

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55	Global changes in phospholipids identified by MALDI MS in rats with focal cerebral ischemia. <i>Journal of Lipid Research</i> , 2012, 53, 1823-1831.	4.2	53
56	Proteomic Analysis of the Aqueous Humor in Age-related Macular Degeneration (AMD) Patients. <i>Journal of Proteome Research</i> , 2012, 11, 4034-4043.	3.7	52
57	Mass spectrometric analysis of protein tyrosine nitration in aging and neurodegenerative diseases. <i>Mass Spectrometry Reviews</i> , 2015, 34, 166-183.	5.4	51
58	Risk of Hematologic Malignant Neoplasms From Abdominopelvic Computed Tomographic Radiation in Patients Who Underwent Appendectomy. <i>JAMA Surgery</i> , 2021, 156, 343.	4.3	49
59	Role of Mitogen-Activated Protein Kinase-Mediated Cytosolic Phospholipase A2 Activation in Arachidonic Acid Metabolism in Human Eosinophils. <i>Journal of Immunology</i> , 2001, 167, 461-468.	0.8	48
60	Downregulation of PLK-1 expression in kaempferol-induced apoptosis of MCF-7 cells. <i>European Journal of Pharmacology</i> , 2009, 611, 17-21.	3.5	47
61	Mass spectrometry based cellular phosphoinositides profiling and phospholipid analysis: A brief review. <i>Experimental and Molecular Medicine</i> , 2010, 42, 1.	7.7	47
62	Phospholipids of tumor extracellular vesicles stratify gefitinib-resistant nonsmall cell lung cancer cells from gefitinib-sensitive cells. <i>Proteomics</i> , 2015, 15, 824-835.	2.2	47
63	Mechanism of Regulation of Group IVA Phospholipase A2 Activity by Ser727 Phosphorylation. <i>Journal of Biological Chemistry</i> , 2008, 283, 3960-3971.	3.4	45
64	Selective Enrichment and Mass Spectrometric Identification of Nitrated Peptides Using Fluorinated Carbon Tags. <i>Analytical Chemistry</i> , 2011, 83, 157-163.	6.5	45
65	Extracellular vesicles shed from gefitinib-resistant nonsmall cell lung cancer regulate the tumor microenvironment. <i>Proteomics</i> , 2014, 14, 1845-1856.	2.2	44
66	UPLC-QqQ/MS-Based Lipidomics Approach To Characterize Lipid Alterations in Inflammatory Macrophages. <i>Journal of Proteome Research</i> , 2017, 16, 1460-1469.	3.7	40
67	Panax ginseng-Derived Extracellular Vesicles Facilitate Anti-Senescence Effects in Human Skin Cells: An Eco-Friendly and Sustainable Way to Use Ginseng Substances. <i>Cells</i> , 2021, 10, 486.	4.1	40
68	Cytosolic phospholipase A2 activation is essential for beta 1 and beta 2 integrin-dependent adhesion of human eosinophils. <i>Journal of Immunology</i> , 1999, 163, 3423-9.	0.8	40
69	Investigation of tyrosine nitration and nitrosylation of angiotensin II and bovine serum albumin with electrospray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 2797-2804.	1.5	39
70	Hepatitis B virus inhibits liver regeneration via epigenetic regulation of urokinase-type plasminogen activator. <i>Hepatology</i> , 2013, 58, 762-776.	7.3	39
71	Proteomic analysis of extracellular vesicles derived from <i>Propionibacterium acnes</i> . <i>Proteomics - Clinical Applications</i> , 2017, 11, 1600040.	1.6	39
72	Altered Proteome of Extracellular Vesicles Derived from Bladder Cancer Patients Urine. <i>Molecules and Cells</i> , 2018, 41, 179-187.	2.6	39

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73	Chemical Approach for Specific Enrichment and Mass Analysis of Nitrated Peptides. <i>Analytical Chemistry</i> , 2009, 81, 6620-6626.	6.5	37
74	Dihydroceramide is a key metabolite that regulates autophagy and promotes fibrosis in hepatic steatosis model. <i>Biochemical and Biophysical Research Communications</i> , 2017, 494, 460-469.	2.1	37
75	Synthesis and antihypertensive activity of pyrimidin-4(3H)-one derivatives as losartan analogue for new angiotensin II receptor type 1 (AT1) antagonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 1649-1654.	2.2	36
76	Lipid profiles for HER2-positive breast cancer. <i>Anticancer Research</i> , 2013, 33, 2467-72.	1.1	36
77	Integrated analysis of global proteome, phosphoproteome and glycoproteome enables complementary interpretation of disease-related protein networks. <i>Scientific Reports</i> , 2015, 5, 18189.	3.3	34
78	IRT5 Probiotics Changes Immune Modulatory Protein Expression in the Extraorbital Lacrimal Glands of an Autoimmune Dry Eye Mouse Model. , 2020, 61, 42.		34
79	Identification of Protein Markers Specific for Papillary Renal Cell Carcinoma Using Imaging Mass Spectrometry. <i>Molecules and Cells</i> , 2015, 38, 624-629.	2.6	33
80	A Model for Research on the Blood-Brain Barrier Disruption Induced by Unsaturated Fatty Acid Emulsion. <i>Investigative Radiology</i> , 2005, 40, 270-276.	6.2	32
81	Comparative analysis of cell surface proteins in chronic and acute leukemia cell lines. <i>Biochemical and Biophysical Research Communications</i> , 2007, 357, 620-626.	2.1	32
82	Quantitative Proteomics Identifies a β -Catenin Network as an Element of the Signaling Response to Frizzled-8 Protein-Related Antiproliferative Factor. <i>Molecular and Cellular Proteomics</i> , 2011, 10, M110.007492.	3.8	31
83	Discovery of the serum biomarker proteins in severe preeclampsia by proteomic analysis. <i>Experimental and Molecular Medicine</i> , 2011, 43, 427.	7.7	31
84	p53-Derived Host Restriction of HIV-1 Replication by Protein Kinase R-Mediated Tat Phosphorylation and Inactivation. <i>Journal of Virology</i> , 2015, 89, 4262-4280.	3.4	31
85	Acyl-CoA thioesterase 7 is involved in cell cycle progression via regulation of PKC α -p53-p21 signaling pathway. <i>Cell Death and Disease</i> , 2017, 8, e2793-e2793.	6.3	31
86	Golgi Outpost Synthesis Impaired by Toxic Polyglutamine Proteins Contributes to Dendritic Pathology in Neurons. <i>Cell Reports</i> , 2017, 20, 356-369.	6.4	31
87	Proteomic analysis of parthenogenetic and <i>in vitro</i> fertilized porcine embryos. <i>Proteomics</i> , 2009, 9, 2846-2860.	2.2	30
88	Alteration in Lipid and Protein Profiles of Ovarian Cancer: Similarity to Breast Cancer. <i>International Journal of Gynecological Cancer</i> , 2011, 21, 1566-1572.	2.5	29
89	Single-Electron-Transfer Strategy for Reductive Radical Cyclization: Fe(CO) ₅ and Phenanthroline System. <i>Organic Letters</i> , 2016, 18, 4900-4903.	4.6	28
90	Diagnosis of major depressive disorder by combining multimodal information from heart rate dynamics and serum proteomics using machine-learning algorithm. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2017, 76, 65-71.	4.8	28

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91	Phosphatidylcholine Alteration Identified Using MALDI Imaging MS in HBV-Infected Mouse Livers and Virus-Mediated Regeneration Defects. PLoS ONE, 2014, 9, e103955.	2.5	27
92	Discovery of gastric cancer specific biomarkers by the application of serum proteomics. Proteomics, 2017, 17, 1600332.	2.2	27
93	Global gene expression profile of <i>Orientia tsutsugamushi</i> . Proteomics, 2010, 10, 1699-1715.	2.2	26
94	A rapid and sensitive profiling of free fatty acids using liquid chromatography electrospray ionization tandem mass spectrometry (LC/ESI-MS/MS) after chemical derivatization. RSC Advances, 2016, 6, 32130-32139.	3.6	26
95	Co-degradation of interferon signaling factor DDX3 by PB1 ϵ 2 as a basis for high virulence of 1918 pandemic influenza. EMBO Journal, 2019, 38, .	7.8	26
96	Comparative lipidomics of 5-Fluorouracil-sensitive and -resistant colorectal cancer cells reveals altered sphingomyelin and ceramide controlled by acid sphingomyelinase (SMPD1). Scientific Reports, 2020, 10, 6124.	3.3	26
97	New Cdc2 Tyr 4 phosphorylation by dsRNA-activated protein kinase triggers Cdc2 polyubiquitination and G2 arrest under genotoxic stresses. EMBO Reports, 2010, 11, 393-399.	4.5	25
98	Docosahexaenoic acid-mediated protein aggregates may reduce proteasome activity and delay myotube degradation during muscle atrophy in vitro. Experimental and Molecular Medicine, 2017, 49, e287-e287.	7.7	25
99	GOLGA2 loss causes fibrosis with autophagy in the mouse lung and liver. Biochemical and Biophysical Research Communications, 2018, 495, 594-600.	2.1	25
100	Deprotonation of N3 adsorbed on TiO2 for high-performance dye-sensitized solar cells (DSSCs). Journal of Materials Chemistry A, 2013, 1, 13439.	10.3	24
101	Accuracy and Reliability of Preoperative On-screen Templating Using Digital Radiographs for Total Hip Arthroplasty. Hip and Pelvis, 2016, 28, 201.	1.6	24
102	In-Depth Proteomic Analysis of Human Bronchoalveolar Lavage Fluid toward the Biomarker Discovery for Lung Cancers. Proteomics - Clinical Applications, 2019, 13, e1900028.	1.6	24
103	15-Keto prostaglandin E2 suppresses STAT3 signaling and inhibits breast cancer cell growth and progression. Redox Biology, 2019, 23, 101175.	9.0	24
104	Proteomic Analysis Reveals Distinct Metabolic Differences Between Granulocyte-Macrophage Colony Stimulating Factor (GM-CSF) and Macrophage Colony Stimulating Factor (M-CSF) Grown Macrophages Derived from Murine Bone Marrow Cells*. Molecular and Cellular Proteomics, 2015, 14, 2722-2732.	3.8	23
105	Dihydroergotamine Tartrate Induces Lung Cancer Cell Death through Apoptosis and Mitophagy. Chemotherapy, 2016, 61, 304-312.	1.6	23
106	Serum lipidomic analysis for the discovery of biomarkers for major depressive disorder in drug-free patients. Psychiatry Research, 2018, 265, 174-182.	3.3	23
107	Age-Associated Lipidome Changes in Metaphase II Mouse Oocytes. PLoS ONE, 2016, 11, e0148577.	2.5	23
108	The arginylation branch of the N-end rule pathway positively regulates cellular autophagic flux and clearance of proteotoxic proteins. Autophagy, 2016, 12, 2197-2212.	9.1	22

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109	Endoplasmic reticulum-Golgi intermediate compartment protein 3 knockdown suppresses lung cancer through endoplasmic reticulum stress-induced autophagy. <i>Oncotarget</i> , 2016, 7, 65335-65347.	1.8	22
110	CD22 Is a Functional Ligand for SH2 Domain-containing Protein-tyrosine Phosphatase-1 in Primary T Cells. <i>Journal of Biological Chemistry</i> , 2004, 279, 47783-47791.	3.4	21
111	Lipid profiles for intrahepatic cholangiocarcinoma identified using matrix-assisted laser desorption/ionization mass spectrometry. <i>Clinica Chimica Acta</i> , 2011, 412, 1978-1982.	1.1	21
112	Analysis of nitrated proteins in <i>Saccharomyces cerevisiae</i> involved in mating signal transduction. <i>Proteomics</i> , 2015, 15, 580-590.	2.2	21
113	Integrated proteomic and phosphoproteomic analyses of cisplatin-sensitive and resistant bladder cancer cells reveal CDK2 network as a key therapeutic target. <i>Cancer Letters</i> , 2018, 437, 1-12.	7.2	21
114	Alterations in Lipid Profile of the Aging Kidney Identified by MALDI Imaging Mass Spectrometry. <i>Journal of Proteome Research</i> , 2019, 18, 2803-2812.	3.7	21
115	Analysis of the Phospholipid Profile of Metaphase II Mouse Oocytes Undergoing Vitrification. <i>PLoS ONE</i> , 2014, 9, e102620.	2.5	21
116	Imaging Mass Spectrometry in Papillary Thyroid Carcinoma for the Identification and Validation of Biomarker Proteins. <i>Journal of Korean Medical Science</i> , 2014, 29, 934.	2.5	20
117	Microparticle-based RT-qPCR for highly selective rare mutation detection. <i>Biosensors and Bioelectronics</i> , 2017, 87, 229-235.	10.1	20
118	Occupational radiation exposure and its health effects on interventional medical workers: study protocol for a prospective cohort study. <i>BMJ Open</i> , 2017, 7, e018333.	1.9	20
119	Common Repository of FBS Proteins (cRFP) To Be Added to a Search Database for Mass Spectrometric Analysis of Cell Secretome. <i>Journal of Proteome Research</i> , 2019, 18, 3800-3806.	3.7	20
120	Liquid Chromatography Electrospray Ionization Tandem Mass Spectrometric (LC/ESI-MS/MS) Study for the Identification and Characterization of In Vivo Metabolites of Cisplatin in Rat Kidney Cancer Tissues: Online Hydrogen/Deuterium (H/D) Exchange Study. <i>PLoS ONE</i> , 2015, 10, e0134027.	2.5	19
121	Extensible Multiplex Real-time PCR of MicroRNA Using Microparticles. <i>Scientific Reports</i> , 2016, 6, 22975.	3.3	19
122	Proteomic analysis of human synovial fluid reveals potential diagnostic biomarkers for ankylosing spondylitis. <i>Clinical Proteomics</i> , 2020, 17, 20.	2.1	19
123	CT1b functions as a novel endogenous agonist of toll-like receptor 2 inducing neuropathic pain. <i>EMBO Journal</i> , 2020, 39, e102214.	7.8	19
124	Discovery of plasma biomarkers for predicting the severity of coronary artery atherosclerosis by quantitative proteomics. <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, e001152.	2.8	19
125	Lipid-Oriented Live-Cell Distinction of B and T Lymphocytes. <i>Journal of the American Chemical Society</i> , 2021, 143, 5836-5844.	13.7	19
126	The molecular basis of phosphatidylcholine preference of human group-V phospholipase A2. <i>Biochemical Journal</i> , 2000, 348, 643-647.	3.7	18

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127	Combination treatment with n-3 polyunsaturated fatty acids and ursodeoxycholic acid dissolves cholesterol gallstones in mice. <i>Scientific Reports</i> , 2019, 9, 12740.	3.3	18
128	Combining selected reaction monitoring with discovery proteomics in limited biological samples. <i>Proteomics</i> , 2009, 9, 4834-4836.	2.2	17
129	UPLC-MS/MS-Based Profiling of Eicosanoids in RAW264.7 Cells Treated with Lipopolysaccharide. <i>International Journal of Molecular Sciences</i> , 2016, 17, 508.	4.1	17
130	Comparative lipidomic profiling of the human commensal bacterium <i>Propionibacterium acnes</i> and its extracellular vesicles. <i>RSC Advances</i> , 2018, 8, 15241-15247.	3.6	17
131	Changes in Human Tear Proteome Following Topical Treatment of Dry Eye Disease: Cyclosporine A Versus Diquafosol Tetrasodium. , 2019, 60, 5035.		17
132	Deuterium-Free, Three-Plexed Peptide Diethylation for Highly Accurate Quantitative Proteomics. <i>Journal of Proteome Research</i> , 2019, 18, 1078-1087.	3.7	17
133	Comparative Lipidomic Analysis of Extracellular Vesicles Derived from <i>Lactobacillus plantarum</i> APsulloc 331261 Living in Green Tea Leaves Using Liquid Chromatography-Mass Spectrometry. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8076.	4.1	17
134	S6 kinase 1 plays a key role in mitochondrial morphology and cellular energy flow. <i>Cellular Signalling</i> , 2018, 48, 13-24.	3.6	16
135	Integrated Transcriptomic and Proteomic Analysis of Primary Human Umbilical Vein Endothelial Cells. <i>Proteomics</i> , 2019, 19, e1800315.	2.2	16
136	Characterization of Monoclonal Antibodies Specific for 14-kDa Human Group V Secretory Phospholipase A2(hVPLA2). <i>Hybridoma</i> , 2000, 19, 171-176.	0.6	15
137	A binary matrix for improved detection of phosphopeptides in matrix-assisted laser desorption/ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 2264-2272.	1.5	15
138	Cleavage of BCR-ABL transcripts at the T315I point mutation by DNazyme promotes apoptotic cell death in imatinib-resistant BCR-ABL leukemic cells. <i>Leukemia</i> , 2013, 27, 1650-1658.	7.2	15
139	Effects of peptide acetylation and dimethylation on electrospray ionization efficiency. <i>Journal of Mass Spectrometry</i> , 2016, 51, 105-110.	1.6	15
140	In-particle stem-loop RT-qPCR for specific and multiplex microRNA profiling. <i>Biosensors and Bioelectronics</i> , 2020, 163, 112301.	10.1	15
141	Oligodeoxyribozymes That Cleave β -Catenin Messenger RNA Inhibit Growth of Colon Cancer Cells via Reduction of β -Catenin Response Transcription. <i>Molecular Cancer Therapeutics</i> , 2010, 9, 1894-1902.	4.1	14
142	Integration analysis of quantitative proteomics and transcriptomics data identifies potential targets of frizzled-8 protein-related antiproliferative factor <i>in vivo</i> . <i>BJU International</i> , 2012, 110, E1138-46.	2.5	14
143	A key lysine residue in the AXH domain of ataxin-1 is essential for its ubiquitylation. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2015, 1854, 356-364.	2.3	14
144	Hepatocystin/80K-H inhibits replication of hepatitis B virus through interaction with HBx protein in hepatoma cell. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2013, 1832, 1569-1581.	3.8	13

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145	Proteomic analysis of human follicular fluid in poor ovarian responders during in vitro fertilization. <i>Proteomics</i> , 2017, 17, 1600333.	2.2	13
146	Comparative Proteomic Analysis of Human Amniotic Fluid Supernatants with Down Syndrome Using Mass Spectrometry. <i>Journal of Microbiology and Biotechnology</i> , 2010, 20, 959-967.	2.1	13
147	INFLUENCE OF PARTICLE SIZE DISTRIBUTION ON INHALATION DOSES TO WORKERS IN THE FLORIDA PHOSPHATE INDUSTRY. <i>Health Physics</i> , 2006, 91, 58-67.	0.5	11
148	Influence of Ionizing Radiation on Short-Channel Effects in Low-Doped Multi-Gate MOSFETs. <i>IEEE Transactions on Nuclear Science</i> , 2012, 59, 3021-3026.	2.0	11
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