

Kwang Pyo Kim

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7226563/publications.pdf>

Version: 2024-02-01

235
papers

17,424
citations

31976

53
h-index

16183

124
g-index

241
all docs

241
docs citations

241
times ranked

26490
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of Meibum Lipid Composition According to Tear Interferometric Patterns. American Journal of Ophthalmology, 2022, 240, 37-50.	3.3	2
2	SYNCRIP controls miR-137 and striatal learning in animal models of methamphetamine abstinence. Acta Pharmaceutica Sinica B, 2022, 12, 3281-3297.	12.0	9
3	Proteomics Analysis of Aqueous Humor and Rejected Graft in Pig-to-Non-Human Primate Corneal Xenotransplantation. Frontiers in Immunology, 2022, 13, 859929.	4.8	4
4	Downregulation of miR-122-5p Activates Glycolysis via PKM2 in Kupffer Cells of Rat and Mouse Models of Non-Alcoholic Steatohepatitis. International Journal of Molecular Sciences, 2022, 23, 5230.	4.1	11
5	Emerging role of LETM1/GRP78 axis in lung cancer. Cell Death and Disease, 2022, 13, .	6.3	7
6	DETAILED INDOOR RADON SURVEY IN DWELLINGS OF PROVISIONAL RADON-PRONE AREAS IN KOREA. Radiation Protection Dosimetry, 2022, 198, 472-481.	0.8	3
7	Lipidomic changes in mouse oocytes vitrified in PEG 8000-supplemented vitrification solutions. Cryobiology, 2021, 99, 140-148.	0.7	7
8	A Proteomic Approach to Understand the Clinical Significance of Acute Myeloid Leukemiaâ€Derived Extracellular Vesicles Reflecting Essential Characteristics of Leukemia. Molecular and Cellular Proteomics, 2021, 20, 100017.	3.8	8
9	Effect of PM10 on pulmonary immune response and fetus development. Toxicology Letters, 2021, 339, 1-11.	0.8	11
10	Value of bone suppression software in chest radiographs for improving image quality and reducing radiation dose. European Radiology, 2021, 31, 5160-5171.	4.5	3
11	Maternal serum lipidomics identifies lysophosphatidic acid as a predictor of small for gestational age neonates. Molecular Omics, 2021, 17, 956-966.	2.8	3
12	Panax ginseng-Derived Extracellular Vesicles Facilitate Anti-Senescence Effects in Human Skin Cells: An Eco-Friendly and Sustainable Way to Use Ginseng Substances. Cells, 2021, 10, 486.	4.1	40
13	15â€Deoxyâ€ ^{12,14} â€prostaglandin J ₂ binds and inactivates STAT3 <i>via</i> covalent modification of cysteine 259 in Hâ€Ras ⁺ transformed human breast epithelial cells. FEBS Letters, 2021, 595, 604-622.	2.8	6
14	Risk of Hematologic Malignant Neoplasms From Abdominopelvic Computed Tomographic Radiation in Patients Who Underwent Appendectomy. JAMA Surgery, 2021, 156, 343.	4.3	49
15	Occupational Radiation Exposure and Validity of National Dosimetry Registry among Korean Interventional Radiologists. International Journal of Environmental Research and Public Health, 2021, 18, 4195.	2.6	1
16	Lipid-Oriented Live-Cell Distinction of B and T Lymphocytes. Journal of the American Chemical Society, 2021, 143, 5836-5844.	13.7	19
17	Polyubiquitin gene Ubb is required for upregulation of Piwi protein level during mouse testis development. Cell Death Discovery, 2021, 7, 194.	4.7	8
18	Chronic kidney disease patients with intertrochanteric fracture have a high mortality rate. Injury, 2021, 52, 2350-2355.	1.7	5

#	ARTICLE	IF	CITATIONS
19	FCH domain only 1 (FCHo1), a potential new biomarker for lung cancer. <i>Cancer Gene Therapy</i> , 2021, , .	4.6	1
20	SOCS3 is Related to Cell Proliferation in Neuronal Tissue: An Integrated Analysis of Bioinformatics and Experiments. <i>Frontiers in Genetics</i> , 2021, 12, 743786.	2.3	6
21	Effects of periostin deficiency on kidney aging and lipid metabolism. <i>Aging</i> , 2021, 13, 22649-22665.	3.1	8
22	Crosstalk Between the Immune System and Plant-Derived Nanovesicles: A Study of Allergen Transporting. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 760730.	4.1	10
23	Identification of Shared Genes and Pathways in Periodontitis and Type 2 Diabetes by Bioinformatics Analysis. <i>Frontiers in Endocrinology</i> , 2021, 12, 724278.	3.5	6
24	Rapid Androgen-Responsive Proteome Is Involved in Prostate Cancer Progression. <i>Biomedicines</i> , 2021, 9, 1877.	3.2	3
25	Integrative phosphoproteome and interactome analysis of the role of Ubash3b in BCR-ABL signaling. <i>Leukemia</i> , 2020, 34, 301-305.	7.2	10
26	An Electrophilic Deguelin Analogue Inhibits STAT3 Signaling in H-Ras-Transformed Human Mammary Epithelial Cells: The Cysteine 259 Residue as a Potential Target. <i>Biomedicines</i> , 2020, 8, 407.	3.2	10
27	Comparative Lipidomic Analysis of Extracellular Vesicles Derived from <i>Lactobacillus plantarum</i> APsuloc 331261 Living in Green Tea Leaves Using Liquid Chromatography-Mass Spectrometry. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8076.	4.1	17
28	In-particle stem-loop RT-qPCR for specific and multiplex microRNA profiling. <i>Biosensors and Bioelectronics</i> , 2020, 163, 112301.	10.1	15
29	Proteomic analysis of human synovial fluid reveals potential diagnostic biomarkers for ankylosing spondylitis. <i>Clinical Proteomics</i> , 2020, 17, 20.	2.1	19
30	Liquid Chromatography/Electrospray Ionization Tandem Mass Spectrometry-based Structural Analysis of Deacylated Lipooligosaccharides From <i>Escherichia coli</i> . <i>Bulletin of the Korean Chemical Society</i> , 2020, 41, 454-459.	1.9	1
31	<sc>GT</sc> 1b functions as a novel endogenous agonist of toll-like receptor 2 inducing neuropathic pain. <i>EMBO Journal</i> , 2020, 39, e102214.	7.8	19
32	MS1-Level Proteome Quantification Platform Allowing Maximally Increased Multiplexity for SILAC and In Vitro Chemical Labeling. <i>Analytical Chemistry</i> , 2020, 92, 4980-4989.	6.5	2
33	Signature Fragment Ions of Biotinylated Peptides. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 394-404.	2.8	8
34	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
35	Comparative lipidomics of 5-Fluorouracil-sensitive and -resistant colorectal cancer cells reveals altered sphingomyelin and ceramide controlled by acid sphingomyelinase (SMPD1). <i>Scientific Reports</i> , 2020, 10, 6124.	3.3	26
36	IRT5 Probiotics Changes Immune Modulatory Protein Expression in the Extraorbital Lacrimal Glands of an Autoimmune Dry Eye Mouse Model. , 2020, 61, 42.		34

#	ARTICLE	IF	CITATIONS
37	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
38	Development of Hydrogel Microparticle based RT-qPCR for Advanced Detection of BCR-ABL1 Transcripts. <i>Biochip Journal</i> , 2019, 13, 182-190.	4.9	5
39	Quantification of the Dynamic Phosphorylation Process of ERK Using Stable Isotope Dilution Selective Reaction Monitoring Mass Spectrometry. <i>Proteomics</i> , 2019, 19, 1900086.	2.2	6
40	Comprehensive Characterization of N-glycosylation in Darbepoetin Alfa. <i>Bulletin of the Korean Chemical Society</i> , 2019, 40, 976-982.	1.9	0
41	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
42	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
43	Proteogenomic Characterization of Human Early-Onset Gastric Cancer. <i>Cancer Cell</i> , 2019, 35, 111-124.e10.	16.8	183
44	In-Depth Proteomic Analysis of Human Bronchoalveolar Lavage Fluid toward the Biomarker Discovery for Lung Cancers. <i>Proteomics - Clinical Applications</i> , 2019, 13, e1900028.	1.6	24
45	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
46	15-Keto prostaglandin E2 suppresses STAT3 signaling and inhibits breast cancer cell growth and progression. <i>Redox Biology</i> , 2019, 23, 101175.	9.0	24
47	Integrated Transcriptomic and Proteomic Analysis of Primary Human Umbilical Vein Endothelial Cells. <i>Proteomics</i> , 2019, 19, e1800315.	2.2	16
48	Co-degradation of interferon signaling factor DDX3 by PB1-F2 as a basis for high virulence of 1918 pandemic influenza. <i>EMBO Journal</i> , 2019, 38, .	7.8	26
49	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
50	In-Vivo Dosimetry for Small Animal Irradiation: A Preliminary Study. <i>Journal of the Korean Physical Society</i> , 2019, 74, 399-404.	0.7	2
51	Review of National Diagnostic Reference Levels for Interventional Procedures. <i>Progress in Medical Physics</i> , 2019, 30, 75.	0.3	10
52	Changes in Human Tear Proteome Following Topical Treatment of Dry Eye Disease: Cyclosporine A Versus Diquafosol Tetrasodium. , 2019, 60, 5035.		17
53	Ceramide kinase regulates the migration of bone marrow-derived mesenchymal stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2019, 508, 361-367.	2.1	10
54	Deuterium-Free, Three-Plexed Peptide Diethylation for Highly Accurate Quantitative Proteomics. <i>Journal of Proteome Research</i> , 2019, 18, 1078-1087.	3.7	17

#	ARTICLE	IF	CITATIONS
55	Congenital Insensitivity to Pain with Anhidrosis: Five-Year-Old Girl with a Neglected Distal Femur Fracture. <i>The Journal of the Korean Orthopaedic Association</i> , 2019, 54, 463.	0.1	0
56	ASSESSMENT OF BODY POTASSIUM LEVEL BY GENDER AND AGE IN KOREAN ADULT GROUP. <i>Radiation Protection Dosimetry</i> , 2018, 178, 57-62.	0.8	2
57	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
58	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
59	Liquid chromatography/mass spectrometry-based plasma metabolic profiling study of escitalopram in subjects with major depressive disorder. <i>Journal of Mass Spectrometry</i> , 2018, 53, 385-399.	1.6	9
60	Serum lipidomic analysis for the discovery of biomarkers for major depressive disorder in drug-free patients. <i>Psychiatry Research</i> , 2018, 265, 174-182.	3.3	23
61	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
62	Phospholipids as cancer biomarkers: Mass spectrometry-based analysis. <i>Mass Spectrometry Reviews</i> , 2018, 37, 107-138.	5.4	131
63	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
64	GOLGA2 loss causes fibrosis with autophagy in the mouse lung and liver. <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 594-600.	2.1	25
65	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
66	Radiation Dose Assessment to Workers Due to NORM Inhalation in the Korean Phosphate Industry. <i>Journal of the Korean Physical Society</i> , 2018, 73, 1007-1011.	0.7	0
67	Assessment of Radiation Dose to Workers Resulting from External Exposure to Potassium in NORM Industries in Korea. <i>Journal of the Korean Physical Society</i> , 2018, 72, 1387-1392.	0.7	2
68	The Effect of Environmental Enrichment on Glutathione-Mediated Xenobiotic Metabolism and Antioxidation in Normal Adult Mice. <i>Frontiers in Neurology</i> , 2018, 9, 425.	2.4	7
69	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
70	Altered Proteome of Extracellular Vesicles Derived from Bladder Cancer Patients Urine. <i>Molecules and Cells</i> , 2018, 41, 179-187.	2.6	39
71	Docosahexaenoic acid-mediated protein aggregates may reduce proteasome activity and delay myotube degradation during muscle atrophy in vitro. <i>Experimental and Molecular Medicine</i> , 2017, 49, e287-e287.	7.7	25
72	Discovery of gastric cancer specific biomarkers by the application of serum proteomics. <i>Proteomics</i> , 2017, 17, 1600332.	2.2	27

#	ARTICLE	IF	CITATIONS
73	Proteomic analysis of human follicular fluid in poor ovarian responders during in vitro fertilization. <i>Proteomics</i> , 2017, 17, 1600333.	2.2	13
74	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
75	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
76	Acyl-CoA thioesterase 7 is involved in cell cycle progression via regulation of PKC δ -p53-p21 signaling pathway. <i>Cell Death and Disease</i> , 2017, 8, e2793-e2793.	6.3	31
77	LSD1 demethylates HIF1 α to inhibit hydroxylation and ubiquitin-mediated degradation in tumor angiogenesis. <i>Oncogene</i> , 2017, 36, 5512-5521.	5.9	90
78	Orthogonal lipid sensors identify transbilayer asymmetry of plasma membrane cholesterol. <i>Nature Chemical Biology</i> , 2017, 13, 268-274.	8.0	183
79	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
80	Characterization of the changes in eicosanoid profiles of activated macrophages treated with 20(S)-ginsenoside Rg3. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1065-1066, 14-19.	2.3	9
81	Proteomic analysis of human lacrimal and tear fluid in dry eye disease. <i>Scientific Reports</i> , 2017, 7, 13363.	3.3	58
82	Triazolium cyclodextrin click cluster-resin conjugate: an enrichment material for phosphatidylinositol (3,4,5)-triphosphate. <i>Chemical Communications</i> , 2017, 53, 10459-10462.	4.1	2
83	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
84	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
85	Microparticle-based RT-qPCR for highly selective rare mutation detection. <i>Biosensors and Bioelectronics</i> , 2017, 87, 229-235.	10.1	20
86	Proteomic analysis of extracellular vesicles derived from <i>Propionibacterium acnes</i> . <i>Proteomics - Clinical Applications</i> , 2017, 11, 1600040.	1.6	39
87	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
88	Unusual Presentation of Traumatic Neuroma of the Medial Plantar Nerve after Deep Laceration Mimicking a Foreign Body Granuloma: A Case Report. <i>Journal of Korean Foot and Ankle Society</i> , 2017, 21, 174.	0.1	0
89	Construction and characterization of the Korean whole saliva proteome to determine ethnic differences in human saliva proteome. <i>PLoS ONE</i> , 2017, 12, e0181765.	2.5	11
90	SEALONE (Safety and Efficacy of Coronary Computed Tomography Angiography with Low Dose in) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 and Experimental Emergency Medicine, 2017, 4, 208-213.	1.6	0

#	ARTICLE	IF	CITATIONS
91	An Automated High-Throughput Sample Preparation Protocol for LC-MS/MS Analysis of Glycopeptides. <i>Current Proteomics</i> , 2016, 13, 55-60.	0.3	2
92	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
93	Accuracy and Reliability of Preoperative On-screen Templating Using Digital Radiographs for Total Hip Arthroplasty. <i>Hip and Pelvis</i> , 2016, 28, 201.	1.6	24
94	PS207. Integrated systems analysis of serum proteome profiles of individual drug responses in MDD patients. <i>International Journal of Neuropsychopharmacology</i> , 2016, 19, 76-76.	2.1	0
95	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
96	Triolein Emulsion Infusion Into the Carotid Artery Increases Brain Permeability to Anticancer Agents. <i>Neurosurgery</i> , 2016, 78, 726-733.	1.1	11
97	Extensible Multiplex Real-time PCR of MicroRNA Using Microparticles. <i>Scientific Reports</i> , 2016, 6, 22975.	3.3	19
98	Microvesicles from brain-extract ϵ -treated mesenchymal stem cells improve neurological functions in a rat model of ischemic stroke. <i>Scientific Reports</i> , 2016, 6, 33038.	3.3	84
99	Radiobioassay performance evaluation of urine and faeces samples for radiation emergency preparedness. <i>Journal of Nuclear Science and Technology</i> , 2016, 53, 1742-1748.	1.3	2
100	A rapid and sensitive profiling of free fatty acids using liquid chromatography electrospray ionization tandem mass spectrometry (LC/ESI-MS/MS) after chemical derivatization. <i>RSC Advances</i> , 2016, 6, 32130-32139.	3.6	26
101	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
102	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
103	The arginylation branch of the N-end rule pathway positively regulates cellular autophagic flux and clearance of proteotoxic proteins. <i>Autophagy</i> , 2016, 12, 2197-2212.	9.1	22
104	Dihydroergotamine Tartrate Induces Lung Cancer Cell Death through Apoptosis and Mitophagy. <i>Chemotherapy</i> , 2016, 61, 304-312.	1.6	23
105	Effects of peptide acetylation and dimethylation on electrospray ionization efficiency. <i>Journal of Mass Spectrometry</i> , 2016, 51, 105-110.	1.6	15
106	Detailed characterization of alterations in the lipid profiles during autophagic cell death of leukemia cells. <i>RSC Advances</i> , 2016, 6, 29512-29518.	3.6	10
107	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
108	Age-Associated Lipidome Changes in Metaphase II Mouse Oocytes. <i>PLoS ONE</i> , 2016, 11, e0148577.	2.5	23

#	ARTICLE	IF	CITATIONS
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	Alteration of Phospholipids during the Mitophagic Process in Lung Cancer Cells. <i>Journal of Microbiology and Biotechnology</i> , 2016, 26, 1790-1799.	2.1	3
111	Chronic Unreduced Elbow Dislocation Treated with Hinged External Fixator and Transarticular Pin Fixation. <i>The Journal of the Korean Orthopaedic Association</i> , 2016, 51, 521.	0.1	0
112	Nitrated Proteome in Human Embryonic Stem Cells. <i>Mass Spectrometry Letters</i> , 2016, 7, 85-90.	0.5	0
113	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
114	Quick quantification of proteins by MALDI. <i>Journal of Mass Spectrometry</i> , 2015, 50, 596-602.	1.6	3
115	Analysis of nitrated proteins in <i>Saccharomyces cerevisiae</i> involved in mating signal transduction. <i>Proteomics</i> , 2015, 15, 580-590.	2.2	21
116	Distribution study of cisplatin in rat kidney and liver cancer tissues by using liquid chromatography electrospray ionization tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2015, 50, 844-853.	1.6	11
117	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
118	Perception of radiation dose and potential risks of computed tomography in emergency department medical personnel. <i>Clinical and Experimental Emergency Medicine</i> , 2015, 2, 123-129.	1.6	4
119	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*. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 2722-2732.	3.8	23
120	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
121	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
122	EVpedia: a community web portal for extracellular vesicles research. <i>Bioinformatics</i> , 2015, 31, 933-939.	4.1	317
123	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
124	Small polyanion recognition of a triazolium cyclodextrin click cluster in water. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 8291-8297.	2.8	3
125	A liquid chromatography electrospray ionization tandem mass spectrometric study (LC/ESI-MS/MS) of in vivo metabolites of cisplatin in rat liver and brain tissues: deuterated experiments. <i>RSC Advances</i> , 2015, 5, 89951-89958.	3.6	4
126	Mass spectrometric analysis of protein tyrosine nitration in aging and neurodegenerative diseases. <i>Mass Spectrometry Reviews</i> , 2015, 34, 166-183.	5.4	51

#	ARTICLE	IF	CITATIONS
127	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
128	Phosphatidylcholine Alteration Identified Using MALDI Imaging MS in HBV-Infected Mouse Livers and Virus-Mediated Regeneration Defects. <i>PLoS ONE</i> , 2014, 9, e103955.	2.5	27
129	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
130	Extracellular vesicles shed from gefitinib-resistant nonsmall cell lung cancer regulate the tumor microenvironment. <i>Proteomics</i> , 2014, 14, 1845-1856.	2.2	44
131	Direct cellular delivery of human proteasomes to delay tau aggregation. <i>Nature Communications</i> , 2014, 5, 5633.	12.8	84
132	Low C24 ω OH and C22 ω OH sulfatides in human renal cell carcinoma. <i>Journal of Mass Spectrometry</i> , 2014, 49, 409-416.	1.6	8
133	Gold-plated magnetic polymers for highly specific enrichment and label-free detection of blood biomarkers under physiological conditions. <i>Chemical Communications</i> , 2014, 50, 10066-10069.	4.1	6
134	Mitochondria-Immobilized pH-Sensitive Off \rightarrow On Fluorescent Probe. <i>Journal of the American Chemical Society</i> , 2014, 136, 14136-14142.	13.7	395
135	Determination of selected reaction monitoring peptide transitions via multiplexed product \rightarrow ion scan modes. <i>Rapid Communications in Mass Spectrometry</i> , 2014, 28, 773-780.	1.5	3
136	Analysis of the Phospholipid Profile of Metaphase II Mouse Oocytes Undergoing Vitrification. <i>PLoS ONE</i> , 2014, 9, e102620.	2.5	21
137	Lipid MALDI MS Profiles of Gastric Cancer. <i>The Open Proteomics Journal</i> , 2014, 7, 1-4.	0.4	6
138	Mass Spectrometry Analysis of In Vitro Nitration of Carbonic Anhydrase II. <i>Bulletin of the Korean Chemical Society</i> , 2014, 35, 709-714.	1.9	1
139	Reduction of Ambiguity in Phosphorylation-site Localization in Large-scale Phosphopeptide Profiling by Data Filter using Unique Mass Class Information. <i>Bulletin of the Korean Chemical Society</i> , 2014, 35, 845-850.	1.9	3
140	Development of a Mass Spectrometric Method for Pharmacokinetic Study of Trastuzumab. <i>Bulletin of the Korean Chemical Society</i> , 2014, 35, 1845-1847.	1.9	0
141	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
142	Deprotonation of N3 adsorbed on TiO ₂ for high-performance dye-sensitized solar cells (DSSCs). <i>Journal of Materials Chemistry A</i> , 2013, 1, 13439.	10.3	24
143	Analysis of the biochemical role of Lys \rightarrow 1 in polyubiquitin chain formation using quantitative mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2013, 27, 339-346.	1.5	8
144	<i>Staphylococcus aureus</i> Extracellular Vesicles Carry Biologically Active β -Lactamase. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 2589-2595.	3.2	172

#	ARTICLE	IF	CITATIONS
145	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
146	Cleavage of BCR α -ABL transcripts at the T315I point mutation by DNAzyme promotes apoptotic cell death in imatinib-resistant BCR α -ABL leukemic cells. <i>Leukemia</i> , 2013, 27, 1650-1658.	7.2	15
147	Lipid Peroxidation Product 4-Hydroxy-2-Nonenal Promotes Seeding-Capable Oligomer Formation and Cell-to-Cell Transfer of β -Synuclein. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 770-783.	5.4	99
148	Hepatitis B virus inhibits liver regeneration via epigenetic regulation of urokinase-type plasminogen activator. <i>Hepatology</i> , 2013, 58, 762-776.	7.3	39
149	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
150	Mass Spectrometry Analysis for Nitration of Proteins. <i>Hanyang Medical Reviews</i> , 2013, 33, 110.	0.4	1
151	Lipid profiles for HER2-positive breast cancer. <i>Anticancer Research</i> , 2013, 33, 2467-72.	1.1	36
152	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
153	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
154	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
155	Occupational Radiation Doses to Operators Performing Fluoroscopically-Guided Procedures. <i>Health Physics</i> , 2012, 103, 80-99.	0.5	133
156	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
157	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
158	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
159	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
160	Proteomic Analysis of Microvesicles Derived from Human Mesenchymal Stem Cells. <i>Journal of Proteome Research</i> , 2012, 11, 839-849.	3.7	348
161	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
162	Integration analysis of quantitative proteomics and transcriptomics data identifies potential targets of frizzled β protein-related antiproliferative factor <i>in vivo</i> . <i>BJU International</i> , 2012, 110, E1138-46.	2.5	14

#	ARTICLE	IF	CITATIONS
163	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
164	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
165	Enhanced Tumor-targeted Gene Delivery by Immunolipoplexes Conjugated with the Humanized Anti-TAG-72 Fab' Fragments. <i>Bulletin of the Korean Chemical Society</i> , 2012, 33, 651-656.	1.9	4
166	Selective Enrichment and Mass Spectrometric Identification of Nitrated Peptides Using Fluorinated Carbon Tags. <i>Analytical Chemistry</i> , 2011, 83, 157-163.	6.5	45
167	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
168	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
169	Binary Matrix for MALDI Imaging Mass Spectrometry of Phospholipids in Both Ion Modes. <i>Analytical Chemistry</i> , 2011, 83, 1252-1259.	6.5	92
170	Protein and lipid MALDI profiles classify breast cancers according to the intrinsic subtype. <i>BMC Cancer</i> , 2011, 11, 465.	2.6	55
171	Proteomic analysis of microvesicles derived from human colorectal cancer ascites. <i>Proteomics</i> , 2011, 11, 2745-2751.	2.2	147
172	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
173	Ubiquitin ligase Nedd4 promotes β -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
174	CT dosimetry computer codes: their influence on radiation dose estimates and the necessity for their revision under new ICRP radiation protection standards. <i>Radiation Protection Dosimetry</i> , 2011, 146, 252-255.	0.8	8
175	Discovery of the serum biomarker proteins in severe preeclampsia by proteomic analysis. <i>Experimental and Molecular Medicine</i> , 2011, 43, 427.	7.7	31
176	Application of MALDI Tissue Imaging of Drugs and Metabolites: A New Frontier for Molecular Histology. <i>Biomolecules and Therapeutics</i> , 2011, 19, 149-154.	2.4	7
177	Global gene expression profile of <i>Orientia tsutsugamushi</i> . <i>Proteomics</i> , 2010, 10, 1699-1715.	2.2	26
178	Nonclassical exocytosis of β -synuclein is sensitive to folding states and promoted under stress conditions. <i>Journal of Neurochemistry</i> , 2010, 113, 1263-1274.	3.9	241
179	New Cdc2 Tyr 4 phosphorylation by dsRNA-activated protein kinase triggers Cdc2 polyubiquitination and G2 arrest under genotoxic stresses. <i>EMBO Reports</i> , 2010, 11, 393-399.	4.5	25
180	Mass spectrometry based cellular phosphoinositides profiling and phospholipid analysis: A brief review. <i>Experimental and Molecular Medicine</i> , 2010, 42, 1.	7.7	47

#	ARTICLE	IF	CITATIONS
181	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
182	MRI of the cat brain in the study of vascular permeability after intraarterial carotid injection of triolein. <i>Acta Radiologica</i> , 2010, 51, 563-568.	1.1	8
183	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
184	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
185	Topographic Relationship between the Zygomatic Arch and Coronoid Process of the Mandible. <i>Korean Journal of Physical Anthropology</i> , 2010, 23, 33.	0.2	0
186	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
187	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
188	Role of protein tyrosine nitration in neurodegenerative diseases and atherosclerosis. <i>Archives of Pharmacal Research</i> , 2009, 32, 1109-1118.	6.3	64
189	Proteomic analysis of parthenogenetic and <i>in vitro</i> fertilized porcine embryos. <i>Proteomics</i> , 2009, 9, 2846-2860.	2.2	30
190	Combining selected reaction monitoring with discovery proteomics in limited biological samples. <i>Proteomics</i> , 2009, 9, 4834-4836.	2.2	17
191	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
192	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
193	S5a promotes protein degradation by blocking synthesis of nondegradable forked ubiquitin chains. <i>EMBO Journal</i> , 2009, 28, 1867-1877.	7.8	70
194	Identification of compounds exhibiting inhibitory activity toward the <i>Pseudomonas tolaasii</i> toxin tolaasin I using <i>in silico</i> docking calculations, NMR binding assays, and <i>in vitro</i> hemolytic activity assays. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 4321-4324.	2.2	9
195	Chemical Approach for Specific Enrichment and Mass Analysis of Nitrated Peptides. <i>Analytical Chemistry</i> , 2009, 81, 6620-6626.	6.5	37
196	Intra-arterial delivery of triolein emulsion increases vascular permeability in skeletal muscles of rabbits. <i>Acta Veterinaria Scandinavica</i> , 2009, 51, 30.	1.6	5
197	Proteomics in gram-negative bacterial outer membrane vesicles. <i>Mass Spectrometry Reviews</i> , 2008, 27, 535-555.	5.4	288
198	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

#	ARTICLE	IF	CITATIONS
199	Mechanism of Regulation of Group IVA Phospholipase A2 Activity by Ser727 Phosphorylation. Journal of Biological Chemistry, 2008, 283, 3960-3971.	3.4	45
200	The Steroid Effect on the Blood-Ocular Barrier Change Induced by Triolein Emulsion as seen on Contrast-Enhanced MR Images. Korean Journal of Radiology, 2008, 9, 205.	3.4	9
201	Nitrosative protein tyrosine modifications: biochemistry and functional significance. BMB Reports, 2008, 41, 194-203.	2.4	62
202	TENORM aerosols in the Florida phosphate industry—assessment of lung fluid solubility and annual effective dose to workers. Radiation Protection Dosimetry, 2007, 123, 41-55.	0.8	7
203	Certain Pairs of Ubiquitin-conjugating Enzymes (E2s) and Ubiquitin-Protein Ligases (E3s) Synthesize Nondegradable Forked Ubiquitin Chains Containing All Possible Isopeptide Linkages*. Journal of Biological Chemistry, 2007, 282, 17375-17386.	3.4	371
204	15-Deoxy- $\Delta^{12,14}$ -prostaglandin J2-induced down-regulation of endothelial nitric oxide synthase in association with HSP70 induction. Biochemical and Biophysical Research Communications, 2007, 357, 206-211.	2.1	7
205	Comparative analysis of cell surface proteins in chronic and acute leukemia cell lines. Biochemical and Biophysical Research Communications, 2007, 357, 620-626.	2.1	32
206	Proteomic Analysis of Microvesicles Derived from Human Colorectal Cancer Cells. Journal of Proteome Research, 2007, 6, 4646-4655.	3.7	176
207	Investigation of tyrosine nitration and nitrosylation of angiotensin II and bovine serum albumin with electrospray ionization mass spectrometry. Rapid Communications in Mass Spectrometry, 2007, 21, 2797-2804.	1.5	39
208	Global proteomic profiling of native outer membrane vesicles derived from <i>Escherichia coli</i> . Proteomics, 2007, 7, 3143-3153.	2.2	352
209	INFLUENCE OF PARTICLE SIZE DISTRIBUTION ON INHALATION DOSES TO WORKERS IN THE FLORIDA PHOSPHATE INDUSTRY. Health Physics, 2006, 91, 58-67.	0.5	11
210	EFFECTIVE DOSE SCALING FACTORS FOR USE WITH URANIUM SERIES CASCADE IMPACTOR DATA: A REASSESSMENT USING THE IMBA CODE. Health Physics, 2006, 91, 331-337.	0.5	1
211	Characterization of Radioactive Aerosols in Florida Phosphate Processing Facilities. Aerosol Science and Technology, 2006, 40, 410-421.	3.1	10
212	A Model for Research on the Blood-Brain Barrier Disruption Induced by Unsaturated Fatty Acid Emulsion. Investigative Radiology, 2005, 40, 270-276.	6.2	32
213	EFFECTIVE DOSE SCALING FACTORS FOR USE WITH CASCADE IMPACTOR SAMPLING DATA IN TENORM INHALATION EXPOSURES. Health Physics, 2005, 89, 359-374.	0.5	7
214	CD22 Is a Functional Ligand for SH2 Domain-containing Protein-tyrosine Phosphatase-1 in Primary T Cells. Journal of Biological Chemistry, 2004, 279, 47783-47791.	3.4	21
215	Human Group V Phospholipase A2 Induces Group IVA Phospholipase A2-independent Cysteinyl Leukotriene Synthesis in Human Eosinophils. Journal of Biological Chemistry, 2003, 278, 38813-38820.	3.4	73
216	Mechanism of Group IVA Cytosolic Phospholipase A2 Activation by Phosphorylation. Journal of Biological Chemistry, 2003, 278, 41431-41442.	3.4	84

#	ARTICLE	IF	CITATIONS
217	Internalized Group V Secretory Phospholipase A2 Acts on the Perinuclear Membranes. <i>Journal of Biological Chemistry</i> , 2002, 277, 9358-9365.	3.4	61
218	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
219	Quantitation of secretory group V phospholipase A2 in human tissues by sandwich enzyme-linked immunosorbent assay. <i>Journal of Immunological Methods</i> , 2002, 262, 41-51.	1.4	7
220	Magnetic Resonance Imaging and Histologic Findings of Acute and Subacute Stage of Experimental Cerebral Fat Embolism in Cats. <i>Journal of the Korean Radiological Society</i> , 2002, 46, 301.	0.0	0
221	Blockade of eosinophil migration and airway hyperresponsiveness by cPLA2-inhibition. <i>Nature Immunology</i> , 2001, 2, 145-149.	14.5	56
222	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
223	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
224	The molecular basis of phosphatidylcholine preference of human group-V phospholipase A2. <i>Biochemical Journal</i> , 2000, 348, 643.	3.7	7
225	The molecular basis of phosphatidylcholine preference of human group-V phospholipase A2. <i>Biochemical Journal</i> , 2000, 348, 643-647.	3.7	18
226	Differentiation between Ovarian Fibroma and Subserosal Leiomyoma by MR Imaging. <i>Journal of the Korean Radiological Society</i> , 2000, 42, 145.	0.0	0
227	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
228	The molecular basis of phosphatidylcholine preference of human group-V phospholipase A2. <i>Biochemical Journal</i> , 2000, 348 Pt 3, 643-7.	3.7	2
229	CISS MR Imaging Findings of Epidermoid Tumor: Comparison with Spin-Echo Images. <i>Journal of the Korean Radiological Society</i> , 1999, 40, 421.	0.0	0
230	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
231	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
232	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
233	Usefulness of CISS Technique in the MR Imaging Diagnosis of Intraocular Lesions. <i>Journal of the Korean Radiological Society</i> , 1998, 38, 595.	0.0	0
234	MR Imaging Findings of Renal Infarction Induced by Renal Artery Ligation in Rabbits: The Usefulness of Diffusion-weighted Imaging. <i>Journal of the Korean Radiological Society</i> , 1998, 38, 309.	0.0	0

#	ARTICLE	IF	CITATIONS
235	The Suppression Effect of the Intrahepatic Recurrence of Transcatheter Arterial Chemoembolization with Cisplatin in the Hepatocellular Carcinoma Patients: The Comparison of Adriamycin-Lipiodol Emulsion Infusions with Adriamycin-Lipiodol Emulsion Infusions plus Cisplatin. Journal of the Korean Radiological Society, 1997, 37, 867.	0.0	0