

Yu Jau-song

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4452601/publications.pdf>

Version: 2024-02-01

198
papers

7,499
citations

44069

48
h-index

76900

74
g-index

200
all docs

200
docs citations

200
times ranked

10653
citing authors

#	ARTICLE	IF	CITATIONS
1	JMJD5 regulates PKM2 nuclear translocation and reprograms HIF-1 α -mediated glucose metabolism. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 279-284.	7.1	235
2	Activation of DNA Methyltransferase 1 by EBV LMP1 Involves c-Jun NH2-Terminal Kinase Signaling. Cancer Research, 2006, 66, 11668-11676.	0.9	222
3	Comparative and Targeted Proteomic Analyses of Urinary Microparticles from Bladder Cancer and Hernia Patients. Journal of Proteome Research, 2012, 11, 5611-5629.	3.7	185
4	Subcellular localization of Photofrin $\text{\textcircled{R}}$ determines the death phenotype of human epidermoid carcinoma A431 cells triggered by photodynamic therapy: When plasma membranes are the main targets. Journal of Cellular Physiology, 2003, 194, 363-375.	4.1	179
5	Candidate Serological Biomarkers for Cancer Identified from the Secretomes of 23 Cancer Cell Lines and the Human Protein Atlas. Molecular and Cellular Proteomics, 2010, 9, 1100-1117.	3.8	177
6	Macrophage achieves self-protection against oxidative stress-induced ageing through the Mst-Nrf2 axis. Nature Communications, 2019, 10, 755.	12.8	150
7	Discovery of Novel Bladder Cancer Biomarkers by Comparative Urine Proteomics Using iTRAQ Technology. Journal of Proteome Research, 2010, 9, 5803-5815.	3.7	137
8	Curcumin inhibits UV irradiation-induced oxidative stress and apoptotic biochemical changes in human epidermoid carcinoma A431 cells. Journal of Cellular Biochemistry, 2003, 90, 327-338.	2.6	136
9	Multiplexed quantification of 63 proteins in human urine by multiple reaction monitoring-based mass spectrometry for discovery of potential bladder cancer biomarkers. Journal of Proteomics, 2012, 75, 3529-3545.	2.4	134
10	Rapid Enrichment of Phosphopeptides and Phosphoproteins from Complex Samples Using Magnetic Particles Coated with Alumina as the Concentrating Probes for MALDI MS Analysis. Journal of Proteome Research, 2007, 6, 316-325.	3.7	131
11	Integration of Hippo signalling and the unfolded protein response to restrain liver overgrowth and tumorigenesis. Nature Communications, 2015, 6, 6239.	12.8	129
12	Identification of collapsin response mediator protein α 2 as a potential marker of colorectal carcinoma by comparative analysis of cancer cell secretomes. Proteomics, 2008, 8, 316-332.	2.2	128
13	Curcumin prevents methylglyoxal-induced oxidative stress and apoptosis in mouse embryonic stem cells and blastocysts. Journal of Cellular Physiology, 2005, 205, 379-386.	4.1	124
14	Overexpression and elevated serum levels of phosphoglycerate kinase 1 in pancreatic ductal adenocarcinoma. Proteomics, 2006, 6, 2259-2272.	2.2	122
15	Importin subunit α 2 is identified as a potential biomarker for non-small cell lung cancer by integration of the cancer cell secretome and tissue transcriptome. International Journal of Cancer, 2011, 128, 2364-2372.	5.1	104
16	Cancer cell-secreted proteomes as a basis for searching potential tumor markers: Nasopharyngeal carcinoma as a model. Proteomics, 2005, 5, 3173-3182.	2.2	93
17	Identification of potential bladder cancer markers in urine by abundant-protein depletion coupled with quantitative proteomics. Journal of Proteomics, 2013, 85, 28-43.	2.4	93
18	Saliva protein biomarkers to detect oral squamous cell carcinoma in a high-risk population in Taiwan. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 11549-11554.	7.1	91

#	ARTICLE	IF	CITATIONS
19	APOBEC3A is an oral cancer prognostic biomarker in Taiwanese carriers of an APOBEC deletion polymorphism. <i>Nature Communications</i> , 2017, 8, 465.	12.8	89
20	Enhanced Interferon Signaling Pathway in Oral Cancer Revealed by Quantitative Proteome Analysis of Microdissected Specimens Using 16O/18O Labeling and Integrated Two-dimensional LC-ESI-MALDI Tandem MS. <i>Molecular and Cellular Proteomics</i> , 2009, 8, 1453-1474.	3.8	88
21	Protein Kinase FA/GSK-3 Phosphorylates on Ser235-Pro and Ser404-Pro that Are Abnormally Phosphorylated in Alzheimer's Disease Brain. <i>Journal of Neurochemistry</i> , 1993, 61, 1742-1747.	3.9	85
22	Inhibition of UV irradiation-induced oxidative stress and apoptotic biochemical changes in human epidermal carcinoma A431 cells by genistein. , 2000, 78, 73-84.		83
23	Identification of PRDX4 and P4HA2 as Metastasis-Associated Proteins in Oral Cavity Squamous Cell Carcinoma by Comparative Tissue Proteomics of Microdissected Specimens Using iTRAQ Technology. <i>Journal of Proteome Research</i> , 2011, 10, 4935-4947.	3.7	82
24	MiR-31-5p-ACOX1 Axis Enhances Tumorigenic Fitness in Oral Squamous Cell Carcinoma Via the Promigratory Prostaglandin E2. <i>Theranostics</i> , 2018, 8, 486-504.	10.0	80
25	Identification of MYO18A as a Novel Interacting Partner of the PAK2/PIX/GIT1 Complex and Its Potential Function in Modulating Epithelial Cell Migration. <i>Molecular Biology of the Cell</i> , 2010, 21, 287-301.	2.1	78
26	Quantitative Proteomics Reveals Regulation of Karyopherin Subunit Alpha-2 (KPNA2) and Its Potential Novel Cargo Proteins in Nonsmall Cell Lung Cancer. <i>Molecular and Cellular Proteomics</i> , 2012, 11, 1105-1122.	3.8	72
27	Inhibition of Cell Migration by Autophosphorylated Mammalian Sterile 20-Like Kinase 3 (MST3) Involves Paxillin and Protein-tyrosine Phosphatase-PEST. <i>Journal of Biological Chemistry</i> , 2006, 281, 38405-38417.	3.4	70
28	Pyk2 activates the NLRP3 inflammasome by directly phosphorylating ASC and contributes to inflammasome-dependent peritonitis. <i>Scientific Reports</i> , 2016, 6, 36214.	3.3	70
29	Comprehensive proteomic analysis of mineral nanoparticles derived from human body fluids and analyzed by liquid chromatography-tandem mass spectrometry. <i>Analytical Biochemistry</i> , 2011, 418, 111-125.	2.4	69
30	Apoptotic signalling cascade in photosensitized human epidermal carcinoma A431 cells: involvement of singlet oxygen, c-Jun N-terminal kinase, caspase-3 and p21-activated kinase 2. <i>Biochemical Journal</i> , 2000, 351, 221-232.	3.7	68
31	Identification of Guanylate-Binding Protein 1 as a Potential Oral Cancer Marker Involved in Cell Invasion Using Omics-Based Analysis. <i>Journal of Proteome Research</i> , 2011, 10, 3778-3788.	3.7	68
32	Identification and Characterization of Potential Biomarkers by Quantitative Tissue Proteomics of Primary Lung Adenocarcinoma. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 2396-2410.	3.8	65
33	Macrophage Inflammatory Protein-3 is a Novel Serum Marker for Nasopharyngeal Carcinoma Detection and Prediction of Treatment Outcomes. <i>Clinical Cancer Research</i> , 2008, 14, 6979-6987.	7.0	63
34	Discovery of Retinoblastoma-Associated Binding Protein 46 as a Novel Prognostic Marker for Distant Metastasis in Nonsmall Cell Lung Cancer by Combined Analysis of Cancer Cell Secretome and Pleural Effusion Proteome. <i>Journal of Proteome Research</i> , 2009, 8, 4428-4440.	3.7	63
35	Comparison of membrane fraction proteomic profiles of normal and cancerous human colorectal tissues with gel-assisted digestion and iTRAQ labeling mass spectrometry. <i>FEBS Journal</i> , 2010, 277, 3028-3038.	4.7	63
36	Cell Secretome Analysis Using Hollow Fiber Culture System Leads to the Discovery of CLIC1 Protein as a Novel Plasma Marker for Nasopharyngeal Carcinoma. <i>Journal of Proteome Research</i> , 2009, 8, 5465-5474.	3.7	62

#	ARTICLE	IF	CITATIONS
37	Comparative Tissue Proteomics of Microdissected Specimens Reveals Novel Candidate Biomarkers of Bladder Cancer. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 2466-2478.	3.8	62
38	Cul4A is an oncogene in malignant pleural mesothelioma. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 350-358.	3.6	61
39	Regulation of corneal angiogenesis in limbal stem cell deficiency. <i>Progress in Retinal and Eye Research</i> , 2006, 25, 563-590.	15.5	60
40	Cysteine protease cathepsin B mediates radiation-induced bystander effects. <i>Nature</i> , 2017, 547, 458-462.	27.8	57
41	Multiplexed immunobead-based profiling of cytokine markers for detection of nasopharyngeal carcinoma and prognosis of patient survival. <i>Head and Neck</i> , 2011, 33, 886-897.	2.0	55
42	MCP-1 Promoter Polymorphism at -2518 Is Associated with Metastasis of Nasopharyngeal Carcinoma after Treatment. <i>Clinical Cancer Research</i> , 2007, 13, 6320-6326.	7.0	54
43	Secretome-Based Identification of Mac-2 Binding Protein as a Potential Oral Cancer Marker Involved in Cell Growth and Motility. <i>Journal of Proteome Research</i> , 2008, 7, 3765-3775.	3.7	54
44	Comprehensive Proteome Analysis of Malignant Pleural Effusion for Lung Cancer Biomarker Discovery by Using Multidimensional Protein Identification Technology. <i>Journal of Proteome Research</i> , 2011, 10, 4671-4682.	3.7	52
45	PAK2 is cleaved and activated during hyperosmotic shock-induced apoptosis via a caspase-dependent mechanism: Evidence for the involvement of oxidative stress. <i>J Biol Chem</i> , 1999, 274, 397-408.		51
46	Metabolite marker discovery for the detection of bladder cancer by comparative metabolomics. <i>Oncotarget</i> , 2017, 8, 38802-38810.	1.8	51
47	Thymidine phosphorylase mRNA stability and protein levels are increased through ERK-mediated cytoplasmic accumulation of hnRNP K in nasopharyngeal carcinoma cells. <i>Oncogene</i> , 2009, 28, 1904-1915.	5.9	50
48	An Informatics-assisted Label-free Approach for Personalized Tissue Membrane Proteomics: Case Study on Colorectal Cancer. <i>Molecular and Cellular Proteomics</i> , 2011, 10, M110.003087.	3.8	50
49	Network analysis and proteomic identification of vimentin as a key regulator associated with invasion and metastasis in human hepatocellular carcinoma cells. <i>Journal of Proteomics</i> , 2012, 75, 4676-4692.	2.4	50
50	Secretome Profiling of Primary Cells Reveals That THBS2 Is a Salivary Biomarker of Oral Cavity Squamous Cell Carcinoma. <i>Journal of Proteome Research</i> , 2014, 13, 4796-4807.	3.7	50
51	Protein Kinase F _A /Glycogen Synthase Kinase-3 Predominantly Phosphorylates the In Vivo Site Thr ⁹⁷ Pro in Brain Myelin Basic Protein: Evidence for ThrPro and SerArgXSer as Consensus Sequence Motifs. <i>Journal of Neurochemistry</i> , 1994, 62, 1596-1603.	3.9	49
52	Identification of the regulatory autophosphorylation site of autophosphorylation-dependent protein kinase (auto-kinase). <i>Biochemical Journal</i> , 1998, 334, 121-131.	3.7	48
53	Protein Kinase F _A /Glycogen Synthase Kinase-3 After Heparin Potentiation Phosphorylates τ , on Sites Abnormally Phosphorylated in Alzheimer's Disease Brain. <i>Journal of Neurochemistry</i> , 1994, 63, 1416-1425.	3.9	48
54	Mitochondrion-Targeted Photosensitizer Enhances the Photodynamic Effect-Induced Mitochondrial Dysfunction and Apoptosis. <i>Annals of the New York Academy of Sciences</i> , 2005, 1042, 419-428.	3.8	48

#	ARTICLE	IF	CITATIONS
55	Heterogeneous Ribonucleoprotein K and Thymidine Phosphorylase Are Independent Prognostic and Therapeutic Markers for Nasopharyngeal Carcinoma. <i>Clinical Cancer Research</i> , 2008, 14, 3807-3813.	7.0	48
56	Identification of candidate nasopharyngeal carcinoma serum biomarkers by cancer cell secretome and tissue transcriptome analysis: Potential usage of cystatin A for predicting nodal stage and poor prognosis. <i>Proteomics</i> , 2010, 10, 2644-2660.	2.2	48
57	Secretome-Based Identification of ULBP2 as a Novel Serum Marker for Pancreatic Cancer Detection. <i>PLoS ONE</i> , 2011, 6, e20029.	2.5	48
58	Proteolytic cleavage and activation of PAK2 during UV irradiation-induced apoptosis in A431 cells. <i>Journal of Cellular Biochemistry</i> , 1998, 70, 442-454.	2.6	43
59	Complementary serum test of antibodies to Epstein-Barr virus nuclear antigen-1 and early antigen: A possible alternative for primary screening of nasopharyngeal carcinoma. <i>Oral Oncology</i> , 2008, 44, 784-792.	1.5	43
60	Apoptotic signalling cascade in photosensitized human epidermal carcinoma A431 cells: involvement of singlet oxygen, c-Jun N-terminal kinase, caspase-3 and p21-activated kinase 2. <i>Biochemical Journal</i> , 2000, 351, 221.	3.7	42
61	Ochratoxin A Inhibits Mouse Embryonic Development by Activating a Mitochondrion-Dependent Apoptotic Signaling Pathway. <i>International Journal of Molecular Sciences</i> , 2013, 14, 935-953.	4.1	42
62	Histological Differentiation of Primary Oral Squamous Cell Carcinomas in an Area of Betel Quid Chewing Prevalence. <i>Otolaryngology - Head and Neck Surgery</i> , 2009, 141, 743-749.	1.9	39
63	Identification of Phospholipid Scramblase 1 as a Biomarker and Determination of Its Prognostic Value for Colorectal Cancer. <i>Molecular Medicine</i> , 2011, 17, 41-47.	4.4	39
64	Pathogenesis of local necrosis induced by <i>Naja atra</i> venom: Assessment of the neutralization ability of Taiwanese freeze-dried neurotoxic antivenom in animal models. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008054.	3.0	39
65	Analysis of the efficacy of Taiwanese freeze-dried neurotoxic antivenom against <i>Naja kaouthia</i> , <i>Naja siamensis</i> and <i>Ophiophagus hannah</i> through proteomics and animal model approaches. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0006138.	3.0	39
66	Overexpression of BST2 is associated with nodal metastasis and poorer prognosis in oral cavity cancer. <i>Laryngoscope</i> , 2014, 124, E354-E360.	2.0	37
67	Low-molecular-mass secretome profiling identifies HMGA2 and MIF as prognostic biomarkers for oral cavity squamous cell carcinoma. <i>Scientific Reports</i> , 2015, 5, 11689.	3.3	37
68	Overexpressed tryptophanyl-tRNA synthetase, an angiostatic protein, enhances oral cancer cell invasiveness. <i>Oncotarget</i> , 2015, 6, 21979-21992.	1.8	37
69	Heat shock protein-90-beta facilitates enterovirus 71 viral particles assembly. <i>Virology</i> , 2013, 443, 236-247.	2.4	36
70	Histidine-Dependent Protein Methylation Is Required for Compartmentalization of CTP Synthase. <i>Cell Reports</i> , 2018, 24, 2733-2745.e7.	6.4	36
71	Identification and characterization of the ATP γ -1/2Mg-dependent protein phosphatase activator (F A) as a microtubule protein kinase in the brain. <i>The Protein Journal</i> , 1991, 10, 171-181.	1.1	35
72	Development of sandwich ELISA and lateral flow strip assays for diagnosing clinically significant snakebite in Taiwan. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0007014.	3.0	35

#	ARTICLE	IF	CITATIONS
73	Integrated analyses utilizing metabolomics and transcriptomics reveal perturbation of the polyamine pathway in oral cavity squamous cell carcinoma. <i>Analytica Chimica Acta</i> , 2019, 1050, 113-122.	5.4	34
74	Prognostic cytokine markers in peripheral blood for oral cavity squamous cell carcinoma identified by multiplexed immunobead-based profiling. <i>Clinica Chimica Acta</i> , 2011, 412, 980-987.	1.1	33
75	Overexpression of macrophage inflammatory protein-3 β in oral cavity squamous cell carcinoma is associated with nodal metastasis. <i>Oral Oncology</i> , 2011, 47, 108-113.	1.5	33
76	Overexpression of caldesmon is associated with lymph node metastasis and poorer prognosis in patients with oral cavity squamous cell carcinoma. <i>Cancer</i> , 2013, 119, 4003-4011.	4.1	33
77	A negative-pressure-driven microfluidic chip for the rapid detection of a bladder cancer biomarker in urine using bead-based enzyme-linked immunosorbent assay. <i>Biomicrofluidics</i> , 2013, 7, 24103.	2.4	33
78	Targeted Proteomics Pipeline Reveals Potential Biomarkers for the Diagnosis of Metastatic Lung Cancer in Pleural Effusion. <i>Journal of Proteome Research</i> , 2014, 13, 2818-2829.	3.7	33
79	Impaired dephosphorylation renders G6PD-knockdown HepG2 cells more susceptible to H ₂ O ₂ -induced apoptosis. <i>Free Radical Biology and Medicine</i> , 2010, 49, 361-373.	2.9	32
80	In-depth Proteomic Analysis of Six Types of Exudative Pleural Effusions for Nonsmall Cell Lung Cancer Biomarker Discovery. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 917-932.	3.8	32
81	Proteomic characterization of six Taiwanese snake venoms: Identification of species-specific proteins and development of a SISCAPA-MRM assay for cobra venom factors. <i>Journal of Proteomics</i> , 2018, 187, 59-68.	2.4	32
82	Tyrosin dephosphorylation and concurrent inactivation of protein kinase FA/GSK-3 β by genistein in A431 cells. <i>Journal of Cellular Biochemistry</i> , 1994, 56, 131-141.	2.6	31
83	Identification of secretory gelsolin as a plasma biomarker associated with distant organ metastasis of colorectal cancer. <i>Journal of Molecular Medicine</i> , 2012, 90, 187-200.	3.9	31
84	Heat shock stress induces cleavage and activation of PAK2 in apoptotic cells. <i>The Protein Journal</i> , 1998, 17, 485-494.	1.1	30
85	Development of a Multiplexed Liquid Chromatography Multiple-Reaction-Monitoring Mass Spectrometry (LC-MRM/MS) Method for Evaluation of Salivary Proteins as Oral Cancer Biomarkers. <i>Molecular and Cellular Proteomics</i> , 2017, 16, 799-811.	3.8	30
86	Assessment of candidate biomarkers in paired saliva and plasma samples from oral cancer patients by targeted mass spectrometry. <i>Journal of Proteomics</i> , 2020, 211, 103571.	2.4	30
87	Somatic sex determination in <i>Caenorhabditis elegans</i> is modulated by SUP-26 repression of tra-2 translation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 18022-18027.	7.1	29
88	Low-molecular-mass secretome profiling identifies C α -C motif chemokine 5 as a potential plasma biomarker and therapeutic target for nasopharyngeal carcinoma. <i>Journal of Proteomics</i> , 2013, 94, 186-201.	2.4	29
89	Human ATP-Binding Cassette Transporter ABCG2 Confers Resistance to CUDC-907, a Dual Inhibitor of Histone Deacetylase and Phosphatidylinositol 3-Kinase. <i>Molecular Pharmaceutics</i> , 2016, 13, 784-794.	4.6	29
90	Dysfunction of protein kinase FA/GSK-3 β in lymphocytes of patients with schizophrenic disorder. <i>Journal of Cellular Biochemistry</i> , 1995, 59, 108-116.	2.6	27

#	ARTICLE	IF	CITATIONS
91	The 30-bp Deletion of Epstein-Barr Virus Latent Membrane Protein-1 Gene Has No Effect in Nasopharyngeal Carcinoma. <i>Laryngoscope</i> , 2006, 116, 541-546.	2.0	27
92	Identification of potential serum markers for nasopharyngeal carcinoma from a xenografted mouse model using Cy5 dye labeling combined with three-dimensional fractionation. <i>Proteomics</i> , 2008, 8, 3605-3620.	2.2	27
93	The Hsp90-Dependent Proteome Is Conserved and Enriched for Hub Proteins with High Levels of Protein-Protein Connectivity. <i>Genome Biology and Evolution</i> , 2014, 6, 2851-2865.	2.5	27
94	Immunological and biochemical study on tissue and subcellular distributions of protein kinase FA (an) Tj ETQq0 0 0 rgBT /Overlock 10 Tf high quantity purification from brain. <i>The Protein Journal</i> , 1993, 12, 667-676.	1.1	26
95	Endogenous Basic Protein Phosphatases in the Brain Myelin. <i>Journal of Neurochemistry</i> , 1987, 48, 160-166.	3.9	25
96	Activation of Protein Phosphatase 2A by the Fe ²⁺ /Ascorbate System. <i>Journal of Biochemistry</i> , 1998, 124, 225-230.	1.7	25
97	Selective downregulation of EGF receptor and downstream MAPK pathway in human cancer cell lines by active components partially purified from the seeds of <i>Livistona chinensis</i> R. Brown. <i>Cancer Letters</i> , 2007, 248, 137-146.	7.2	25
98	Combined analysis of survivin autoantibody and carcinoembryonic antigen biomarkers for improved detection of colorectal cancer. <i>Clinical Chemistry and Laboratory Medicine</i> , 2010, 48, 719-25.	2.3	24
99	The utility of a high-throughput scanning biosensor in the detection of the pancreatic cancer marker ULBP2. <i>Biosensors and Bioelectronics</i> , 2013, 41, 232-237.	10.1	24
100	Proteomics Analysis of EV71-Infected Cells Reveals the Involvement of Host Protein NEDD4L in EV71 Replication. <i>Journal of Proteome Research</i> , 2015, 14, 1818-1830.	3.7	24
101	Overexpression of cellular activity and protein level of protein kinase FA/GSK-3 β correlates with human thyroid tumor cell dedifferentiation. <i>Journal of Cellular Biochemistry</i> , 1995, 58, 474-480.	2.6	23
102	Induction of inducible nitric oxide synthase by Epstein-Barr virus B95-8-derived LMP1 in Balb/3T3 cells promotes stress-induced cell death and impairs LMP1-mediated transformation. <i>Oncogene</i> , 2002, 21, 8047-8061.	5.9	23
103	Vascular endothelial growth factors and angiopoietins in presentations and prognosis of papillary thyroid carcinoma. <i>Journal of Surgical Oncology</i> , 2011, 103, 395-399.	1.7	23
104	An immuno-MALDI mass spectrometry assay for the oral cancer biomarker, matrix metalloproteinase-1, in dried saliva spot samples. <i>Analytica Chimica Acta</i> , 2020, 1100, 118-130.	5.4	23
105	Verification of Saliva Matrix Metalloproteinase-1 as a Strong Diagnostic Marker of Oral Cavity Cancer. <i>Cancers</i> , 2020, 12, 2273.	3.7	23
106	Integrated analysis of fine-needle-aspiration cystic fluid proteome, cancer cell secretome, and public transcriptome datasets for papillary thyroid cancer biomarker discovery. <i>Oncotarget</i> , 2018, 9, 12079-12100.	1.8	23
107	Insulin induces activation of kinase fa in membranes and thereby promotes activation of ATP.Mg-dependent phosphatase in adipocytes. <i>Biochemical and Biophysical Research Communications</i> , 1989, 158, 762-768.	2.1	22
108	Prognostic significance of pituitary tumour-transforming gene-binding factor (<sc>PBF</sc>) expression in papillary thyroid carcinoma. <i>Clinical Endocrinology</i> , 2013, 78, 303-309.	2.4	22

#	ARTICLE	IF	CITATIONS
109	Salivary Auto-Antibodies as Noninvasive Diagnostic Markers of Oral Cavity Squamous Cell Carcinoma. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2014, 23, 1569-1578.	2.5	22
110	Development of a Multiplexed Assay for Oral Cancer Candidate Biomarkers Using Peptide Immunoaffinity Enrichment and Targeted Mass Spectrometry. <i>Molecular and Cellular Proteomics</i> , 2017, 16, 1829-1849.	3.8	22
111	Differential expression of claudin-4 between intestinal and diffuse-type gastric cancer. <i>Oncology Reports</i> , 2006, 16, 729-34.	2.6	22
112	Association of protein kinase FA/GSK-3 β (a proline-directed kinase and a regulator of protooncogenes) with human cervical carcinoma dedifferentiation/progression. <i>Journal of Cellular Biochemistry</i> , 1995, 59, 143-150.	2.6	21
113	Dynamic bioenergetic alterations in colorectal adenomatous polyps and adenocarcinomas. <i>EBioMedicine</i> , 2019, 44, 334-345.	6.1	21
114	Autophosphorylation-dependent protein kinase phosphorylates Ser25, Ser38, Ser65, Ser71, and Ser411 in vimentin and thereby inhibits cytoskeletal intermediate filament assembly. <i>The Protein Journal</i> , 1994, 13, 517-525.	1.1	20
115	Combining Alkaline Phosphatase Treatment and Hybrid Linear Ion Trap/Orbitrap High Mass Accuracy Liquid Chromatography β Mass Spectrometry Data for the Efficient and Confident Identification of Protein Phosphorylation. <i>Analytical Chemistry</i> , 2009, 81, 7778-7787.	6.5	19
116	Binding of the extreme carboxyl-terminus of PAK-interacting exchange factor β 2 (β 2PIX) to myosin 18A (MYO18A) is required for epithelial cell migration. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 2513-2527.	4.1	19
117	Quantitative Proteomics Reveals a Novel Role of Karyopherin Alpha 2 in Cell Migration through the Regulation of Vimentin β pErk Protein Complex Levels in Lung Cancer. <i>Journal of Proteome Research</i> , 2015, 14, 1739-1751.	3.7	19
118	TACCO, a Database Connecting Transcriptome Alterations, Pathway Alterations and Clinical Outcomes in Cancers. <i>Scientific Reports</i> , 2019, 9, 3877.	3.3	19
119	Overexpression of ABCB1 and ABCG2 contributes to reduced efficacy of the PI3K/mTOR inhibitor samotolisib (LY3023414) in cancer cell lines. <i>Biochemical Pharmacology</i> , 2020, 180, 114137.	4.4	19
120	Overexpression and elevated plasma level of tumor-associated antigen 90K/Mac β 2 binding protein in colorectal carcinoma. <i>Proteomics - Clinical Applications</i> , 2008, 2, 1586-1595.	1.6	18
121	Identification of SEC61 β and its autoantibody as biomarkers for colorectal cancer. <i>Clinica Chimica Acta</i> , 2011, 412, 887-893.	1.1	18
122	Immobilization of enzyme and antibody on ALD-HfO β 2-EIS structure by NH β 3 plasma treatment. <i>Nanoscale Research Letters</i> , 2012, 7, 179.	5.7	18
123	Site-specific separation and detection of phosphopeptide isomers with pH-mediated stacking capillary electrophoresis-electrospray ionization-tandem mass spectrometry. <i>Journal of Separation Science</i> , 2013, 36, 1582-1589.	2.5	18
124	Rapid identification of <i>M. abscessus</i> and <i>M. massiliense</i> by MALDI-TOF mass spectrometry with a comparison to sequencing methods and antimicrobial susceptibility patterns. <i>Future Microbiology</i> , 2013, 8, 1381-1389.	2.0	18
125	Bone Marrow Stromal Antigen 2 Is a Novel Plasma Biomarker and Prognosticator for Colorectal Carcinoma: A Secretome-Based Verification Study. <i>Disease Markers</i> , 2015, 2015, 1-10.	1.3	18
126	Proteomic profiling of the cancer cell secretome: informing clinical research. <i>Expert Review of Proteomics</i> , 2017, 14, 737-756.	3.0	18

#	ARTICLE	IF	CITATIONS
127	Proteome-wide Dysregulation by PRA1 Depletion Delineates a Role of PRA1 in Lipid Transport and Cell Migration. <i>Molecular and Cellular Proteomics</i> , 2011, 10, M900641-MCP200.	3.8	17
128	Variability Assessment of 90 Salivary Proteins in Intraday and Interday Samples from Healthy Donors by Multiple Reaction Monitoring Mass Spectrometry. <i>Proteomics - Clinical Applications</i> , 2018, 12, 1700039.	1.6	17
129	Characterization of photodynamic therapy responses elicited in A431 cells containing intracellular organelle-localized photofrin. <i>Journal of Cellular Biochemistry</i> , 2010, 111, 821-833.	2.6	16
130	Targeting HSP60 by subcutaneous injections of jetPEI/HSP60-shRNA destabilizes cytoplasmic survivin and inhibits hepatocellular carcinoma growth. <i>Molecular Carcinogenesis</i> , 2018, 57, 1087-1101.	2.7	16
131	Systematic verification of bladder cancer-associated tissue protein biomarker candidates in clinical urine specimens. <i>Oncotarget</i> , 2018, 9, 30731-30747.	1.8	16
132	Human ATP-binding cassette transporters ABCB1 and ABCG2 confer resistance to histone deacetylase 6 inhibitor ricolinostat (ACY-1215) in cancer cell lines. <i>Biochemical Pharmacology</i> , 2018, 155, 316-325.	4.4	16
133	The type-1 protein phosphatase activating factor FA is a membrane-associated protein kinase in brain, liver, heart and muscles. <i>Biochemical and Biophysical Research Communications</i> , 1987, 142, 38-46.	2.1	15
134	Tumor promoter phorbol ester reversibly modulates tyrosine dephosphorylation/inactivation of protein kinase FA/GSK-3 β in A431 cells. <i>Journal of Cellular Biochemistry</i> , 1994, 56, 550-558.	2.6	15
135	Mass accuracy improvement of reversed-phase liquid chromatography/electrospray ionization mass spectrometry based urinary metabolomic analysis by post-run calibration using sodium formate cluster ions. <i>Rapid Communications in Mass Spectrometry</i> , 2014, 28, 1813-1820.	1.5	15
136	mTOR regulates proteasomal degradation and Dp1/E2F1-mediated transcription of KPNA2 in lung cancer cells. <i>Oncotarget</i> , 2016, 7, 25432-25442.	1.8	15
137	Overexpression of protein kinase FA/GSK-3 β (a proline-directed protein kinase) correlates with human hepatoma dedifferentiation/progression. <i>Journal of Cellular Biochemistry</i> , 1996, 61, 238-245.	2.6	14
138	Anti-phosphopeptide antibody, P-STM as a novel tool for detecting mitotic phosphoproteins: Identification of lamins A and C as two major targets. <i>Journal of Cellular Biochemistry</i> , 2005, 94, 967-981.	2.6	14
139	Quantitative plasma proteome analysis reveals aberrant level of blood coagulation-related proteins in nasopharyngeal carcinoma. <i>Journal of Proteomics</i> , 2011, 74, 744-757.	2.4	14
140	Identification of the lamin A/C phosphopeptide recognized by the antibody P-STM in mitotic HeLa S3 cells. <i>BMC Biochemistry</i> , 2013, 14, 18.	4.4	14
141	Activation of hepatic stellate cells by the ubiquitin C-terminal hydrolase 1 protein secreted from hepatitis C virus-infected hepatocytes. <i>Scientific Reports</i> , 2017, 7, 4448.	3.3	14
142	Synergistic Control Mechanism for Abnormal Site Phosphorylation of Alzheimer's Diseased Brain Tau by Kinase FA/GSK-3 β . <i>Biochemical and Biophysical Research Communications</i> , 1993, 197, 400-406.	2.1	13
143	Oxidation of protein-bound methionine in Photofrin-photodynamic therapy-treated human tumor cells explored by methionine-containing peptide enrichment and quantitative proteomics approach. <i>Scientific Reports</i> , 2017, 7, 1370.	3.3	13
144	Integrated omics profiling identifies hypoxia-regulated genes in HCT116 colon cancer cells. <i>Journal of Proteomics</i> , 2018, 188, 139-151.	2.4	13

#	ARTICLE	IF	CITATIONS
145	Development of biomarkers of genitourinary cancer using mass spectrometry-based clinical proteomics. <i>Journal of Food and Drug Analysis</i> , 2019, 27, 387-403.	1.9	13
146	Integrative Omics Analysis Reveals Soluble Cadherin-3 as a Survival Predictor and an Early Monitoring Marker of EGFR Tyrosine Kinase Inhibitor Therapy in Lung Cancer. <i>Clinical Cancer Research</i> , 2020, 26, 3220-3229.	7.0	13
147	Identification and Characterization of Protein Kinase FA/ Glycogen Synthase Kinase 3 in Clathrin-Coated Brain Vesicles. <i>Journal of Neurochemistry</i> , 1993, 60, 1714-1721.	3.9	12
148	Detection of Annexin A Autoantibodies in Sera From Colorectal Cancer Patients. <i>Journal of Clinical Gastroenterology</i> , 2011, 45, 125-132.	2.2	12
149	Predicting postoperative morbidity and mortality by model for endstage liver disease score for patients with head and neck cancer and liver cirrhosis. <i>Head and Neck</i> , 2011, 33, 529-534.	2.0	12
150	Construction and characterization of monoclonal antibodies specific to Epstein-Barr virus latent membrane protein 1. <i>Journal of Immunological Methods</i> , 2004, 287, 21-30.	1.4	11
151	GSK-3 β mediates the okadaic acid-induced modification of collapsin response mediator protein-2 in human SKNSH neuroblastoma cells. <i>Journal of Cellular Biochemistry</i> , 2008, 103, 1833-1848.	2.6	11
152	Identification of Fucosylated SERPINA1 as a Novel Plasma Marker for Pancreatic Cancer Using Lectin Affinity Capture Coupled with iTRAQ-Based Quantitative Glycoproteomics. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6079.	4.1	11
153	Identification of protein kinase CK2 as a potent kinase of Epstein-Barr virus latent membrane protein 1. <i>Biochemical and Biophysical Research Communications</i> , 2002, 294, 586-591.	2.1	10
154	Purification and characterization of a Mn ²⁺ /phospholipid-dependent protein phosphatase from pig brain membranes. <i>The Protein Journal</i> , 1989, 8, 499-517.	1.1	9
155	Phosphorylation/Activation of Phosphorylase b Kinase by cAMP/Ca ²⁺ -Independent, Autophosphorylation-Dependent Protein Kinase. <i>Biochemical and Biophysical Research Communications</i> , 1995, 207, 140-147.	2.1	9
156	Purification and characterization of porcine testis 90-kDa heat shock protein (HSP90) as a substrate for various protein kinases. <i>The Protein Journal</i> , 2002, 21, 111-121.	1.1	9
157	Separation and Determination of Low Abundant Flavonoids in <i>Scutellaria Baicalensis</i> Georgi by Micellar Electrokinetic Capillary Electrophoresis. <i>Analytical Letters</i> , 2009, 42, 1444-1457.	1.8	9
158	Decoding the Disease-Associated Proteins Encoded in the Human Chromosome 4. <i>Journal of Proteome Research</i> , 2013, 12, 33-44.	3.7	9
159	Targeting amine- and phenol-containing metabolites in urine by dansylation isotope labeling and liquid chromatography mass spectrometry for evaluation of bladder cancer biomarkers. <i>Journal of Food and Drug Analysis</i> , 2019, 27, 460-474.	1.9	9
160	Overexpression of Human ABCB1 and ABCG2 Reduces the Susceptibility of Cancer Cells to the Histone Deacetylase 6-Specific Inhibitor Citarinostat. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2592.	4.1	9
161	A novel DNA aptamer targeting lung cancer stem cells exerts a therapeutic effect by binding and neutralizing Annexin A2. <i>Molecular Therapy - Nucleic Acids</i> , 2022, 27, 956-968.	5.1	9
162	Activation of the ATP.Mg-dependent type 1 protein phosphatase by the Fe ²⁺ /ascorbate system. <i>The Protein Journal</i> , 1996, 15, 455-460.	1.1	8

#	ARTICLE	IF	CITATIONS
163	From discovery of tyrosine phosphorylation to targeted cancer therapies: The 2018 Tang Prize in Biopharmaceutical Science. <i>Biomedical Journal</i> , 2019, 42, 80-83.	3.1	8
164	Enzyme-Linked Immunosorbent Assay for the Determination of p21-Activated Kinase Activity. <i>Journal of Biochemistry</i> , 2001, 129, 243-251.	1.7	7
165	Identification of a new in vivo phosphorylation site in the cytoplasmic carboxyl terminus of EBV-LMP1 by tandem mass spectrometry. <i>Biochemical and Biophysical Research Communications</i> , 2006, 348, 47-55.	2.1	7
166	The V-val subtype Epstein-Barr virus nuclear antigen 1 promotes cell survival after serum withdrawal. <i>Oncology Reports</i> , 2015, 33, 958-966.	2.6	7
167	Quantitative analysis of wild-type and V600E mutant BRAF proteins in colorectal carcinoma using immunoenrichment and targeted mass spectrometry. <i>Analytica Chimica Acta</i> , 2016, 933, 144-155.	5.4	7
168	Super-SILAC mix coupled with SIM/AIMS assays for targeted verification of phosphopeptides discovered in a large-scale phosphoproteome analysis of hepatocellular carcinoma. <i>Journal of Proteomics</i> , 2017, 157, 40-51.	2.4	7
169	Bretschneider solution-induced alterations in the urine metabolome in cardiac surgery patients. <i>Scientific Reports</i> , 2018, 8, 17774.	3.3	7
170	Differential Protein Expression of Two Photosystem II Subunits, PsbO and PsbP, in an Albino Mutant of <i>Bambusa edulis</i> with Chloroplast DNA Aberration. <i>Journal of the American Society for Horticultural Science</i> , 2008, 133, 270-277.	1.0	7
171	On the mechanism of activation of protein kinase FA (an activating factor of ATP _i 1/2Mg-dependent protein) Tj ETQq ₁ 1 0.784314 rgB _{1.1}	1.1	6
172	Reversible tyrosine phosphorylation/dephosphorylation of proline-directed protein kinase FA/glycogen synthase kinase-3 β in A431 cells. <i>Journal of Cellular Physiology</i> , 1997, 171, 95-103.	4.1	6
173	SNAP29 mediates the assembly of histidine-induced CTP synthase filaments in proximity to the cytokeratin network. <i>Journal of Cell Science</i> , 2020, 133, .	2.0	6
174	P-glycoprotein Mediates Resistance to the Anaplastic Lymphoma Kinase Inhibitor Ensartinib in Cancer Cells. <i>Cancers</i> , 2022, 14, 2341.	3.7	6
175	Development of a Monoclonal scFv against Cytotoxin to Neutralize Cytolytic Activity Induced by <i>Naja atra</i> Venom on Myoblast C2C12 Cells. <i>Toxins</i> , 2022, 14, 459.	3.4	6
176	Proteomic analysis for the anti-apoptotic effects of cystamine on apoptosis-prone macrophage. <i>Journal of Cellular Biochemistry</i> , 2010, 110, 660-670.	2.6	5
177	Target peptide enrichment microfluidic chip for rapid detection of oral squamous cell carcinoma using stable isotope standards and capture by anti-peptide antibodies. <i>Sensors and Actuators B: Chemical</i> , 2020, 322, 128607.	7.8	5
178	Rapid and Efficient Enrichment of Snake Venoms from Human Plasma Using a Strong Cation Exchange Tip Column to Improve Snakebite Diagnosis. <i>Toxins</i> , 2021, 13, 140.	3.4	5
179	Regulation of protein kinase Fa (a transmembrane signal of insulin and epidermal growth factor) in the brain. <i>Biochemical and Biophysical Research Communications</i> , 1990, 166, 267-272.	2.1	4
180	Effect of Mg ²⁺ concentrations on phosphorylation/activation of phosphorylase b kinase by cAMP/Ca ²⁺ -independent, autophosphorylation-dependent protein kinase. <i>The Protein Journal</i> , 1995, 14, 747-752.	1.1	4

#	ARTICLE	IF	CITATIONS
181	Photofrin binds to procaspase-3 and mediates photodynamic treatment-triggered methionine oxidation and inactivation of procaspase-3. <i>Cell Death and Disease</i> , 2012, 3, e347-e347.	6.3	4
182	The mechanism of activation of protein kinase FA (the activator of type-1 protein phosphatase) in brain synaptosomes. <i>Biochemical and Biophysical Research Communications</i> , 1992, 182, 129-136.	2.1	3
183	BRAF protein immunoprecipitation, elution, and digestion from cell extract using a microfluidic mixer for mutant BRAF protein quantification by mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 1085-1094.	3.7	3
184	Association of urinary ketamine and APOA1 levels with bladder dysfunction in ketamine abusers revealed via proteomics and targeted metabolite analyses. <i>Scientific Reports</i> , 2021, 11, 9583.	3.3	3
185	Development of Antibody Detection ELISA Based on Immunoreactive Toxins and Toxin-Derived Peptides to Evaluate the Neutralization Potency of Equine Plasma against <i>Naja atra</i> in Taiwan. <i>Toxins</i> , 2021, 13, 818.	3.4	3
186	Selective Interaction of Protein Kinase FA/Glycogen Synthase Kinase-3 β with Membrane Phospholipids. <i>Biochemical and Biophysical Research Communications</i> , 1997, 237, 331-335.	2.1	2
187	Metabolomic profiling of parapneumonic effusion reveals a regulatory role of dipeptides in interleukin-8 production in neutrophil-like cells. <i>Analytica Chimica Acta</i> , 2020, 1128, 238-250.	5.4	2
188	circRNAome Profiling in Oral Carcinoma Unveils a Novel circFLNB that Mediates Tumour Growth-Regulating Transcriptional Response. <i>Cells</i> , 2020, 9, 1868.	4.1	2
189	Comprehensive functional genomic analyses link APC somatic mutation and mRNA-miRNA networks to the clinical outcome of stage-III colorectal cancer patients. <i>Biomedical Journal</i> , 2021, , .	3.1	2
190	Discovery and Validation Case Studies, Recommendations: A Pipeline that Integrates the Discovery and Verification Studies of Urinary Protein Biomarkers Reveals Candidate Markers for Bladder Cancer. <i>RSC Drug Discovery Series</i> , 2013, , 271-314.	0.3	2
191	Genomic and Molecular Signatures of Successful Patient-Derived Xenografts for Oral Cavity Squamous Cell Carcinoma. <i>Frontiers in Oncology</i> , 2022, 12, 792297.	2.8	2
192	An approach to the elimination of inter-individual variability in tumor detection. <i>Analyst, The</i> , 2010, 135, 875.	3.5	1
193	Development of a method for dansylation of metabolites using organic solvent-compatible buffer systems for amine/phenol submetabolome analysis. <i>Analytica Chimica Acta</i> , 2022, 1189, 339218.	5.4	1
194	Endothelin-1 and Insulin Induce Cellular Inactivation of Protein Kinase F(A)/Glycogen Synthase Kinase-3 β in a Common Signaling Pathway. <i>Journal of Biomedical Science</i> , 1996, 3, 275-275.	7.0	0
195	Endothelin-1 and insulin induce cellular inactivation of protein kinase FA/glycogen synthase kinase-3 β in a common signaling pathway. <i>Journal of Biomedical Science</i> , 1996, 3, 275-279.	7.0	0
196	Cancer and Treatment with Seeds of Chinese Fan Palm (<i>Livistona chinensis</i> R. Brown). , 2011, , 325-331.		0
197	Quantitative proteomics reveals regulation of KPNA2 and its potential novel cargo proteins in non-small cell lung cancer. <i>FASEB Journal</i> , 2013, 27, 812.1.	0.5	0
198	Discovery of survival predictor and early monitoring biomarkers for EGFR tyrosine kinase inhibitor therapy in lung adenocarcinoma by integrative omics analysis. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0