

Thang V Pham

List of Publications by Year in descending order

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82
papers

2,796
citations

147801

31
h-index

197818

49
g-index

85
all docs

85
docs citations

85
times ranked

5443
citing authors

#	ARTICLE	IF	CITATIONS
1	Proteomic analysis of cerebrospinal fluid extracellular vesicles: A comprehensive dataset. <i>Journal of Proteomics</i> , 2014, 106, 191-204.	2.4	222
2	On the beta-binomial model for analysis of spectral count data in label-free tandem mass spectrometry-based proteomics. <i>Bioinformatics</i> , 2010, 26, 363-369.	4.1	153
3	Proteomic Profiling of <i>Mycobacterium tuberculosis</i> Identifies Nutrient-starvation-responsive Toxin-antitoxin Systems. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 1180-1191.	3.8	148
4	Workflow Comparison for Label-Free, Quantitative Secretome Proteomics for Cancer Biomarker Discovery: Method Evaluation, Differential Analysis, and Verification in Serum. <i>Journal of Proteome Research</i> , 2010, 9, 1913-1922.	3.7	126
5	Decoration of Outer Membrane Vesicles with Multiple Antigens by Using an Autotransporter Approach. <i>Applied and Environmental Microbiology</i> , 2014, 80, 5854-5865.	3.1	95
6	Exosomes Secreted by Apoptosis-Resistant Acute Myeloid Leukemia (AML) Blasts Harbor Regulatory Network Proteins Potentially Involved in Antagonism of Apoptosis. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 1281-1298.	3.8	90
7	Colorectal cancer candidate biomarkers identified by tissue secretome proteome profiling. <i>Journal of Proteomics</i> , 2014, 99, 26-39.	2.4	81
8	Novel diagnostic cerebrospinal fluid biomarkers for pathologic subtypes of frontotemporal dementia identified by proteomics. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2016, 2, 86-94.	2.4	68
9	iTRAQ-based Proteomics Profiling Reveals Increased Metabolic Activity and Cellular Cross-talk in Angiogenic Compared with Invasive Glioblastoma Phenotype. <i>Molecular and Cellular Proteomics</i> , 2009, 8, 2595-2612.	3.8	65
10	An accurate paired sample test for count data. <i>Bioinformatics</i> , 2012, 28, i596-i602.	4.1	63
11	Comparative Protein Profiling Reveals Minichromosome Maintenance (MCM) Proteins As Novel Potential Tumor Markers for Meningiomas. <i>Journal of Proteome Research</i> , 2010, 9, 485-494.	3.7	59
12	Cancer cells copy migratory behavior and exchange signaling networks via extracellular vesicles. <i>EMBO Journal</i> , 2018, 37, .	7.8	58
13	Proteomic and Functional Studies Reveal Detyrosinated Tubulin as Treatment Target in Sarcomere Mutation-Induced Hypertrophic Cardiomyopathy. <i>Circulation: Heart Failure</i> , 2021, 14, e007022.	3.9	58
14	The Proteome of the Locus Ceruleus in Parkinson's Disease: Relevance to Pathogenesis. <i>Brain Pathology</i> , 2012, 22, 485-498.	4.1	53
15	<sc>INKA</sc> , an integrative data analysis pipeline for phosphoproteomic inference of active kinases. <i>Molecular Systems Biology</i> , 2019, 15, e8250.	7.2	53
16	<i>iq</i>: an R package to estimate relative protein abundances from ion quantification in DIA-MS-based proteomics. <i>Bioinformatics</i> , 2020, 36, 2611-2613.	4.1	53
17	Feasibility of urinary extracellular vesicle proteome profiling using a robust and simple, clinically applicable isolation method. <i>Journal of Extracellular Vesicles</i> , 2017, 6, 1313091.	12.2	51
18	DPHL: A DIA Pan-human Protein Mass Spectrometry Library for Robust Biomarker Discovery. <i>Genomics, Proteomics and Bioinformatics</i> , 2020, 18, 104-119.	6.9	51

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19	Label-free mass spectrometry-based proteomics for biomarker discovery and validation. <i>Expert Review of Molecular Diagnostics</i> , 2012, 12, 343-359.	3.1	46
20	Proximal Fluid Proteome Profiling of Mouse Colon Tumors Reveals Biomarkers for Early Diagnosis of Human Colorectal Cancer. <i>Clinical Cancer Research</i> , 2012, 18, 2613-2624.	7.0	46
21	Identification of novel cerebrospinal fluid biomarker candidates for dementia with Lewy bodies: a proteomic approach. <i>Molecular Neurodegeneration</i> , 2020, 15, 36.	10.8	46
22	Feasibility of label-free phosphoproteomics and application to base-line signaling of colorectal cancer cell lines. <i>Journal of Proteomics</i> , 2015, 127, 247-258.	2.4	45
23	Evaluation of different phospho-tyrosine antibodies for label-free phosphoproteomics. <i>Journal of Proteomics</i> , 2015, 127, 259-263.	2.4	43
24	Tumor Heterogeneity Underlies Differential Cisplatin Sensitivity in Mouse Models of Small-Cell Lung Cancer. <i>Cell Reports</i> , 2019, 27, 3345-3358.e4.	6.4	42
25	Face detection by aggregated Bayesian network classifiers. <i>Pattern Recognition Letters</i> , 2002, 23, 451-461.	4.2	41
26	Colorectal cancer derived organotypic spheroids maintain essential tissue characteristics but adapt their metabolism in culture. <i>Proteome Science</i> , 2014, 12, 39.	1.7	40
27	Novel Stool-Based Protein Biomarkers for Improved Colorectal Cancer Screening. <i>Annals of Internal Medicine</i> , 2017, 167, 855.	3.9	39
28	Microdissected pancreatic cancer proteomes reveal tumor heterogeneity and therapeutic targets. <i>JCI Insight</i> , 2020, 5, .	5.0	36
29	Proteomic analysis of gemcitabine-resistant pancreatic cancer cells reveals that microtubule-associated protein 2 upregulation associates with taxane treatment. <i>Therapeutic Advances in Medical Oncology</i> , 2019, 11, 175883591984123.	3.2	35
30	Identification of Differentially Expressed Splice Variants by the Proteogenomic Pipeline Splicify. <i>Molecular and Cellular Proteomics</i> , 2017, 16, 1850-1863.	3.8	33
31	Proteins in stool as biomarkers for non-invasive detection of colorectal adenomas with high risk of progression. <i>Journal of Pathology</i> , 2020, 250, 288-298.	4.5	33
32	Combined Expression of Plasma Thrombospondin-2 and CA19-9 for Diagnosis of Pancreatic Cancer and Distal Cholangiocarcinoma: A Proteome Approach. <i>Oncologist</i> , 2020, 25, e634-e643.	3.7	33
33	Prediction of outcome of non-small cell lung cancer patients treated with chemotherapy and bortezomib by time-course MALDI-TOF-MS serum peptide profiling. <i>Proteome Science</i> , 2009, 7, 34.	1.7	32
34	Genome-wide siRNA Screen Identifies the Radiosensitizing Effect of Downregulation of MASTL and FOXM1 in NSCLC. <i>Molecular Cancer Therapeutics</i> , 2015, 14, 1434-1444.	4.1	32
35	Sunitinib activates Axl signaling in renal cell cancer. <i>International Journal of Cancer</i> , 2016, 138, 3002-3010.	5.1	32
36	Phosphotyrosine-based-phosphoproteomics scaled-down to biopsy level for analysis of individual tumor biology and treatment selection. <i>Journal of Proteomics</i> , 2017, 162, 99-107.	2.4	31

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37	High-throughput and targeted in-depth mass spectrometry-based approaches for biofluid profiling and biomarker discovery. <i>Biomarkers in Medicine</i> , 2007, 1, 541-565.	1.4	30
38	Phosphotyrosine-based Phosphoproteomics for Target Identification and Drug Response Prediction in AML Cell Lines. <i>Molecular and Cellular Proteomics</i> , 2020, 19, 884-899.	3.8	29
39	Peptide-mediated ϵ -miniprep™ isolation of extracellular vesicles is suitable for high-throughput proteomics. <i>EuPA Open Proteomics</i> , 2016, 11, 11-15.	2.5	28
40	Human Testis Phosphoproteome Reveals Kinases as Potential Targets in Spermatogenesis and Testicular Cancer. <i>Molecular and Cellular Proteomics</i> , 2019, 18, S132-S144.	3.8	26
41	Differential Detergent Extraction of <i>Mycobacterium marinum</i> Cell Envelope Proteins Identifies an Extensively Modified Threonine-Rich Outer Membrane Protein with Channel Activity. <i>Journal of Bacteriology</i> , 2013, 195, 2050-2059.	2.2	25
42	Proteomic Analysis of miR-195 and miR-497 Replacement Reveals Potential Candidates that Increase Sensitivity to Oxaliplatin in MSI/P53wt Colorectal Cancer Cells. <i>Cells</i> , 2019, 8, 1111.	4.1	25
43	Proteomics of Genetically Engineered Mouse Mammary Tumors Identifies Fatty Acid Metabolism Members as Potential Predictive Markers for Cisplatin Resistance. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 1319-1334.	3.8	24
44	Proteomics of Mouse BRCA1-deficient Mammary Tumors Identifies DNA Repair Proteins with Potential Diagnostic and Prognostic Value in Human Breast Cancer. <i>Molecular and Cellular Proteomics</i> , 2012, 11, M111.013334-1-M111.013334-19.	3.8	23
45	Changes in the urinary extracellular vesicle proteome are associated with nephronophthisis-related ciliopathies. <i>Journal of Proteomics</i> , 2019, 192, 27-36.	2.4	22
46	Mass Spectrometry-Based Serum and Plasma Peptidome Profiling for Prediction of Treatment Outcome in Patients With Solid Malignancies. <i>Oncologist</i> , 2014, 19, 1028-1039.	3.7	21
47	Omics Analysis of Educated Platelets in Cancer and Benign Disease of the Pancreas. <i>Cancers</i> , 2021, 13, 66.	3.7	20
48	Sparse representation for coarse and fine object recognition. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2006, 28, 555-567.	13.9	19
49	Proteome analysis of non-small cell lung cancer cell line secretomes and patient sputum reveals biofluid biomarker candidates for cisplatin response prediction. <i>Journal of Proteomics</i> , 2019, 196, 106-119.	2.4	18
50	Learning spatial relations in object recognition. <i>Pattern Recognition Letters</i> , 2006, 27, 1673-1684.	4.2	17
51	Loss of FLCN-FNIP1/2 induces a non-canonical interferon response in human renal tubular epithelial cells. <i>ELife</i> , 2021, 10, .	6.0	15
52	Object recognition with uncertain geometry and uncertain part detection. <i>Computer Vision and Image Understanding</i> , 2005, 99, 241-258.	4.7	14
53	Quantitative analysis of CDX2 protein expression improves its clinical utility as a prognostic biomarker in stage II and III colon cancer. <i>European Journal of Cancer</i> , 2021, 144, 91-100.	2.8	14
54	Secretome proteomics reveals candidate non-invasive biomarkers of <i>BRCA1</i> deficiency in breast cancer. <i>Oncotarget</i> , 2016, 7, 63537-63548.	1.8	14

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55	Evaluation of potential circulating biomarkers for prediction of response to chemoradiation in patients with glioblastoma. <i>Journal of Neuro-Oncology</i> , 2016, 129, 221-230.	2.9	13
56	Phosphoproteomic Characterization of Primary AML Samples and Relevance for Response Toward FLT3-inhibitors. <i>HemaSphere</i> , 2021, 5, e606.	2.7	12
57	Secreted protein markers in oral squamous cell carcinoma (OSCC). <i>Clinical Proteomics</i> , 2022, 19, 4.	2.1	12
58	Tumor Drug Concentration and Phosphoproteomic Profiles After Two Weeks of Treatment With Sunitinib in Patients with Newly Diagnosed Glioblastoma. <i>Clinical Cancer Research</i> , 2022, 28, 1595-1602.	7.0	12
59	Phosphoproteomic profiling of T cell acute lymphoblastic leukemia reveals targetable kinases and combination treatment strategies. <i>Nature Communications</i> , 2022, 13, 1048.	12.8	12
60	Kinase Inhibitor Treatment of Patients with Advanced Cancer Results in High Tumor Drug Concentrations and in Specific Alterations of the Tumor Phosphoproteome. <i>Cancers</i> , 2020, 12, 330.	3.7	11
61	Sex-Related Differences in Protein Expression in Sarcomere Mutation-Positive Hypertrophic Cardiomyopathy. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 612215.	2.4	11
62	Quadratic boosting. <i>Pattern Recognition</i> , 2008, 41, 331-341.	8.1	9
63	Proteomics of differential extraction fractions enriched for chromatin-binding proteins from colon adenoma and carcinoma tissues. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2014, 1844, 1034-1043.	2.3	8
64	Effects of Cancer Presence and Therapy on the Platelet Proteome. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8236.	4.1	8
65	Longitudinal stability of urinary extracellular vesicle protein patterns within and between individuals. <i>Scientific Reports</i> , 2021, 11, 15629.	3.3	6
66	Feasibility of phosphoproteomics to uncover oncogenic signalling in secreted extracellular vesicles using glioblastoma-EGFRVIII cells as a model. <i>Journal of Proteomics</i> , 2021, 232, 104076.	2.4	5
67	Response and toxicity prediction by MALDI-TOF-MS serum peptide profiling in patients with non-small cell lung cancer. <i>Proteomics - Clinical Applications</i> , 2016, 10, 743-749.	1.6	4
68	Quantitative Phosphoproteomic Analysis Reveals Dendritic Cell- Specific STAT Signaling After β 2-3-Linked Sialic Acid Ligand Binding. <i>Frontiers in Immunology</i> , 2021, 12, 673454.	4.8	3
69	The influence of delay in mononuclear cell isolation on acute myeloid leukemia phosphorylation profiles. <i>Journal of Proteomics</i> , 2021, 238, 104134.	2.4	3
70	Selection of Protein Kinase Inhibitors Based on Tumor Tissue Kinase Activity Profiles in Patients with Refractory Solid Malignancies: An Interventional Molecular Profiling Study. <i>Oncologist</i> , 2018, 23, 1135.	3.7	2
71	Time dependent effect of cold ischemia on the phosphoproteome and protein kinase activity in fresh-frozen colorectal cancer tissue obtained from patients. <i>Clinical Proteomics</i> , 2021, 18, 8.	2.1	2
72	Lipopolysaccharide-regulated secretion of soluble and vesicle-based proteins from a panel of colorectal cancer cell lines. <i>Proteomics - Clinical Applications</i> , 2021, 15, 1900119.	1.6	2

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73	Phospho-Proteomic Profiling of T-Cell Acute Lymphoblastic Leukemia Identifies Targetable Kinase Activities and Novel Treatment Combination Strategies. <i>Blood</i> , 2020, 136, 14-15.	1.4	1
74	Phosphoproteomic Analysis of FLCN Inactivation Highlights Differential Kinase Pathways and Regulatory TFEB Phosphoserines. <i>Molecular and Cellular Proteomics</i> , 2022, 21, 100263.	3.8	1
75	O1â€³: Proteomic Analysis of Extracellular Vesicles in Alzheimerâ€™s Disease Cerebrospinal FLUID. <i>Alzheimer's and Dementia</i> , 2016, 12, P186.	0.8	0
76	[P2â€²42]: PROTEOMICS IDENTIFICATION OF NOVEL CEREBROSPINAL FLUID BIOMARKER CANDIDATES OF DEMENTIA WITH LEWY BODIES. <i>Alzheimer's and Dementia</i> , 2017, 13, P704.	0.8	0
77	O3â€²4â€³: IDENTIFICATION OF NOVEL CEREBROSPINAL FLUID BIOMARKER CANDIDATES FOR DEMENTIA WITH LEWY BODIES: A PROTEOMIC APPROACH. <i>Alzheimer's and Dementia</i> , 2018, 14, P1060.	0.8	0
78	Prediction of response to sunitinib in patients with advanced renal cell carcinoma (RCC) using mass spectrometry-based (phospho) proteomics.. <i>Journal of Clinical Oncology</i> , 2021, 39, e16556-e16556.	1.6	0
79	Response prediction by MALDI-TOF-MS serum peptide profiling of combination treatment with sorafenib and erlotinib in patients with non-small cell lung cancer.. <i>Journal of Clinical Oncology</i> , 2012, 30, e18094-e18094.	1.6	0
80	Mass spectrometry-based serum and plasma peptide profiling for prediction of treatment outcome in patients with cancer.. <i>Journal of Clinical Oncology</i> , 2014, 32, e22221-e22221.	1.6	0
81	Mass spectrometry-based phosphoproteomics of tumor needle biopsies from patients (pts) with advanced solid tumors during treatment with protein kinase inhibitors.. <i>Journal of Clinical Oncology</i> , 2016, 34, 11609-11609.	1.6	0
82	Comparison of phosphoproteomic profiles in left- and right-sided colorectal cancers.. <i>Journal of Clinical Oncology</i> , 2019, 37, 582-582.	1.6	0