

Jerome Zoidakis

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

1,798
citations

279798

23
h-index

302126

39
g-index

81
all docs

81
docs citations

81
times ranked

3001
citing authors

#	ARTICLE	IF	CITATIONS
1	Comprehensive human urine standards for comparability and standardization in clinical proteome analysis. <i>Proteomics - Clinical Applications</i> , 2010, 4, 464-478.	1.6	139
2	Expression and characterization of 1-aminocyclopropane-1-carboxylate deaminase from the rhizobacterium <i>Pseudomonas putida</i> UW4: a key enzyme in bacterial plant growth promotion. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2004, 1703, 11-19.	2.3	126
3	Profilin 1 is a Potential Biomarker for Bladder Cancer Aggressiveness. <i>Molecular and Cellular Proteomics</i> , 2012, 11, M111.009449.	3.8	97
4	Comparative Analysis of Label-Free and 8-Plex iTRAQ Approach for Quantitative Tissue Proteomic Analysis. <i>PLoS ONE</i> , 2015, 10, e0137048.	2.5	92
5	Development and Validation of Urine-based Peptide Biomarker Panels for Detecting Bladder Cancer in a Multi-center Study. <i>Clinical Cancer Research</i> , 2016, 22, 4077-4086.	7.0	90
6	Modular structure, local flexibility and cold-activity of a novel chitinase from a psychrophilic antarctic bacterium. <i>Journal of Molecular Biology</i> , 2001, 310, 291-297.	4.2	86
7	An intrinsic role of IL-33 in Treg cell-mediated tumor immunoevasion. <i>Nature Immunology</i> , 2020, 21, 75-85.	14.5	82
8	Proteomics and Metabolomics for AKI Diagnosis. <i>Seminars in Nephrology</i> , 2018, 38, 63-87.	1.6	59
9	Plasma proteomic analysis reveals altered protein abundances in cardiovascular disease. <i>Journal of Translational Medicine</i> , 2018, 16, 104.	4.4	48
10	SRM/MRM targeted proteomics as a tool for biomarker validation and absolute quantification in human urine. <i>Expert Review of Molecular Diagnostics</i> , 2015, 15, 1441-1454.	3.1	46
11	Cervical Cancer Cell Line Secretome Highlights the Roles of Transforming Growth Factor-Beta-Induced Protein ig-h3, Peroxiredoxin-2, and NRF2 on Cervical Carcinogenesis. <i>BioMed Research International</i> , 2017, 2017, 1-15.	1.9	39
12	Comparison of Depletion Strategies for the Enrichment of Low-Abundance Proteins in Urine. <i>PLoS ONE</i> , 2015, 10, e0133773.	2.5	39
13	New Selective Peptidyl Di(chlorophenyl) Phosphonate Esters for Visualizing and Blocking Neutrophil Proteinase 3 in Human Diseases. <i>Journal of Biological Chemistry</i> , 2014, 289, 31777-31791.	3.4	38
14	Order of substrate binding in bacterial phenylalanine hydroxylase and its mechanistic implication for pterin-dependent oxygenases. <i>Journal of Biological Inorganic Chemistry</i> , 2003, 8, 121-128.	2.6	37
15	Proteome-based classification of Nonmuscle Invasive Bladder Cancer. <i>International Journal of Cancer</i> , 2020, 146, 281-294.	5.1	35
16	Evaluation of Decellularization in Umbilical Cord Artery. <i>Transplantation Proceedings</i> , 2014, 46, 3232-3239.	0.6	30
17	Proteomic Analysis of Normal and Cancer Cervical Cell Lines Reveals Deregulation of Cytoskeleton-associated Proteins. <i>Cancer Genomics and Proteomics</i> , 2017, 14, 253-266.	2.0	30
18	Saliva Proteomics Analysis Offers Insights on Type 1 Diabetes Pathology in a Pediatric Population. <i>Frontiers in Physiology</i> , 2018, 9, 444.	2.8	30

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19	Urinary peptidomics analysis reveals proteases involved in diabetic nephropathy. <i>Scientific Reports</i> , 2017, 7, 15160.	3.3	28
20	NETs decorated with bioactive IL-33 infiltrate inflamed tissues and induce IFN- γ production in patients with SLE. <i>JCI Insight</i> , 2021, 6, .	5.0	28
21	Proteomics approaches in cervical cancer: focus on the discovery of biomarkers for diagnosis and drug treatment monitoring. <i>Expert Review of Proteomics</i> , 2016, 13, 731-745.	3.0	27
22	Proteomics analysis of bladder cancer invasion: Targeting EIF3D for therapeutic intervention. <i>Oncotarget</i> , 2017, 8, 69435-69455.	1.8	27
23	Analytical Performance of ELISA Assays in Urine: One More Bottleneck towards Biomarker Validation and Clinical Implementation. <i>PLoS ONE</i> , 2016, 11, e0149471.	2.5	27
24	Proteomics based identification of KDM5 histone demethylases associated with cardiovascular disease. <i>EBioMedicine</i> , 2019, 41, 91-104.	6.1	23
25	Microbiome in Chronic Kidney Disease (CKD): An Omics Perspective. <i>Toxins</i> , 2022, 14, 176.	3.4	22
26	Proteomics Analysis of Formalin Fixed Paraffin Embedded Tissues in the Investigation of Prostate Cancer. <i>Journal of Proteome Research</i> , 2020, 19, 2631-2642.	3.7	21
27	IMAC Fractionation in Combination with LC-MS Reveals H2B and NIF-1 Peptides As Potential Bladder Cancer Biomarkers. <i>Journal of Proteome Research</i> , 2013, 12, 3969-3979.	3.7	20
28	Proteomic advances in salivary diagnostics. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2020, 1868, 140494.	2.3	19
29	Silencing of Profilin-1 suppresses cell adhesion and tumor growth via predicted alterations in integrin and Ca ²⁺ signaling in T24M-based bladder cancer models. <i>Oncotarget</i> , 2016, 7, 70750-70768.	1.8	19
30	Mass spectrometry-based membrane proteomics in cancer biomarker discovery. <i>Expert Review of Molecular Diagnostics</i> , 2014, 14, 549-563.	3.1	18
31	Cross-Talk Between Tumor Cells Undergoing Epithelial to Mesenchymal Transition and Natural Killer Cells in Tumor Microenvironment in Colorectal Cancer. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 750022.	3.7	18
32	Effect of temperature, pH, and metals on the stability and activity of phenylalanine hydroxylase from <i>Chromobacterium violaceum</i> . <i>Journal of Inorganic Biochemistry</i> , 2005, 99, 771-775.	3.5	17
33	Advances in urinary proteome analysis and applications in systems biology. <i>Bioanalysis</i> , 2014, 6, 2549-2569.	1.5	17
34	Proteome of olive non-glandular trichomes reveals protective protein network against (a)biotic challenge. <i>Journal of Plant Physiology</i> , 2018, 231, 210-218.	3.5	17
35	Multiplexed MRM-based protein quantification of putative prognostic biomarkers for chronic kidney disease progression in plasma. <i>Scientific Reports</i> , 2020, 10, 4815.	3.3	17
36	High Resolution Proteomic Analysis of the Cervical Cancer Cell Lines Secretome Documents Deregulation of Multiple Proteases. <i>Cancer Genomics and Proteomics</i> , 2017, 14, 507-521.	2.0	17

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37	Identification of novel molecular signatures of IgA nephropathy through an integrative -omics analysis. <i>Scientific Reports</i> , 2017, 7, 9091.	3.3	16
38	A systematic re-examination of processing of MHCI-bound antigenic peptide precursors by endoplasmic reticulum aminopeptidase 1. <i>Journal of Biological Chemistry</i> , 2020, 295, 7193-7210.	3.4	16
39	Applications of multiple reaction monitoring targeted proteomics assays in human plasma. <i>Expert Review of Molecular Diagnostics</i> , 2019, 19, 499-515.	3.1	15
40	Development and Validation of Multiple Reaction Monitoring (MRM) Assays for Clinical Applications. <i>Methods in Molecular Biology</i> , 2019, 1959, 205-223.	0.9	15
41	Analysis of urinary cathepsin C for diagnosing Papillon-Lévy syndrome. <i>FEBS Journal</i> , 2016, 283, 498-509.	4.7	14
42	Insights into Biomechanical and Proteomic Characteristics of Small Diameter Vascular Grafts Utilizing the Human Umbilical Artery. <i>Biomedicines</i> , 2020, 8, 280.	3.2	13
43	Protein Interactome of Muscle Invasive Bladder Cancer. <i>PLoS ONE</i> , 2015, 10, e0116404.	2.5	12
44	Integrative analysis of extracellular and intracellular bladder cancer cell line proteome with transcriptome: improving coverage and validity of -omics findings. <i>Scientific Reports</i> , 2016, 6, 25619.	3.3	12
45	Short Term Results of Fibrin Gel Obtained from Cord Blood Units: A Preliminary in Vitro Study. <i>Bioengineering</i> , 2019, 6, 66.	3.5	12
46	Evaluation of Peripheral Blood and Cord Blood Platelet Lysates in Isolation and Expansion of Multipotent Mesenchymal Stromal Cells. <i>Bioengineering</i> , 2018, 5, 19.	3.5	11
47	The family of 14-3-3 proteins and specifically 14-3-3 σ are upregulated during the development of renal pathologies. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 4139-4149.	3.6	10
48	Novel structural approaches concerning HPV proteins: Insight into targeted therapies for cervical cancer (Review). <i>Oncology Reports</i> , 2018, 39, 1547-1554.	2.6	10
49	Implications of the mitochondrial interactome of mammalian thioredoxin 2 for normal cellular function and disease. <i>Free Radical Biology and Medicine</i> , 2019, 137, 59-73.	2.9	10
50	Urinary Proteomics in Predicting Heart Transplantation Outcomes (uPROPHET) - Rationale and database description. <i>PLoS ONE</i> , 2017, 12, e0184443.	2.5	9
51	Chloride Intracellular Channel 4 Overexpression in the Proximal Tubules of Kidneys from the Spontaneously Hypertensive Rat: Insight from Proteomic Analysis. <i>Nephron</i> , 2018, 138, 60-70.	1.8	8
52	Tissue proteomics studies in the investigation of prostate cancer. <i>Expert Review of Proteomics</i> , 2018, 15, 593-611.	3.0	8
53	Downregulation of Salivary Proteins, Protective against Dental Caries, in Type 1 Diabetes. <i>Proteomes</i> , 2021, 9, 33.	3.5	8
54	PeptiCKDdb - peptide- and protein-centric database for the investigation of genesis and progression of chronic kidney disease. <i>Database: the Journal of Biological Databases and Curation</i> , 2016, 2016, baw128.	3.0	7

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55	Diagnostic and Prognostic Performance of Secreted Protein Acidic and Rich in Cysteine (SPARC) Assay for Detecting Primary and Recurrent Urinary Bladder Cancer. <i>Proteomics - Clinical Applications</i> , 2019, 13, 1800148.	1.6	7
56	Proteome analysis of leaf, stem and callus in <i>Viscum album</i> and identification of lectins and viscotoxins with bioactive properties. <i>Plant Cell, Tissue and Organ Culture</i> , 2020, 141, 167-178.	2.3	7
57	Role of the second coordination sphere residue tyrosine 179 in substrate affinity and catalytic activity of phenylalanine hydroxylase. <i>Journal of Biological Inorganic Chemistry</i> , 2004, 9, 289-296.	2.6	6
58	Membrane proteomics of cervical cancer cell lines reveal insights on the process of cervical carcinogenesis. <i>International Journal of Oncology</i> , 2018, 53, 2111-2122.	3.3	6
59	Protein biomarkers for cardiorenal syndrome. <i>Expert Review of Proteomics</i> , 2019, 16, 325-336.	3.0	6
60	Effect of Heme Oxygenase-1 Deficiency on Glomerular Proteomics. <i>American Journal of Nephrology</i> , 2016, 43, 441-450.	3.1	5
61	RGS14414-Mediated Activation of the 14-3-3 σ in Rodent Perirhinal Cortex Induces Dendritic Arborization, an Increase in Spine Number, Long-Lasting Memory Enhancement, and the Prevention of Memory Deficits. <i>Cerebral Cortex</i> , 2022, 32, 1894-1910.	2.9	5
62	BcCluster: A Bladder Cancer Database at the Molecular Level. <i>Bladder Cancer</i> , 2016, 2, 65-76.	0.4	4
63	Systematic review on recent potential biomarkers of chronic obstructive pulmonary disease. <i>Expert Review of Molecular Diagnostics</i> , 2019, 19, 37-45.	3.1	4
64	Proteomic Analysis of Mouse Kidney Tissue Associates Peroxisomal Dysfunction with Early Diabetic Kidney Disease. <i>Biomedicines</i> , 2022, 10, 216.	3.2	4
65	The ERAP1 active site cannot productively access the N-terminus of antigenic peptide precursors stably bound onto MHC class I. <i>Scientific Reports</i> , 2021, 11, 16475.	3.3	3
66	Gene Expression Monotonicity across Bladder Cancer Stages Informs on the Molecular Pathogenesis and Identifies a Prognostic Eight-Gene Signature. <i>Cancers</i> , 2022, 14, 2542.	3.7	3
67	Application of Preparative Electrophoresis for Clinical Proteomics in Urine: Is it Feasible?. <i>Journal of Medical Biochemistry</i> , 2009, 28, 268-273.	1.7	2
68	Simple and Efficient Stratification of Invasive Bladder Cancer Patients. <i>EBioMedicine</i> , 2016, 12, 6-7.	6.1	2
69	High resolution analysis of the intracellular proteome of cervical cancer cell lines unveils novel regulators of cervical carcinogenesis. <i>Oncology Reports</i> , 2019, 42, 1441-1450.	2.6	2
70	Plasma Proteomics in Healthy Subjects with Differences in Tissue Glucocorticoid Sensitivity Identifies A Novel Proteomic Signature. <i>Biomedicines</i> , 2022, 10, 184.	3.2	1
71	FP308URINARY PROTEOMICS TO DECIPHER MOLECULAR PATHOPHYSIOLOGY OF CKD PROGRESSION. <i>Nephrology Dialysis Transplantation</i> , 2015, 30, iii170-iii170.	0.7	0