GyÃ¶rgy Marko-Varga

List of Publications by Year
in descending order

87 papers	1,671 citations	331670 21 h-index	377865 34 g-index
89 all docs	89 docs citations	89 times ranked	3071 citing authors

#	Article	IF	Citations
1	Method Matters: Exploring Alkoxysulfonate-Functionalized Poly(3,4-ethylenedioxythiophene) and Its Unintentional Self-Aggregating Copolymer toward Injectable Bioelectronics. Chemistry of Materials, 2022, 34, 2752-2763.	6.7	5
2	Landscape of surfaceome and endocytome in human glioma is divergent and depends on cellular spatial organization. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	8
3	Proteomic Alterations in Follicular Fluid of Human Small Antral Follicles Collected from Polycystic Ovariesâ€"A Pilot Study. Life, 2022, 12, 391.	2.4	0
4	The Prognostic Relevance of PMCA4 Expression in Melanoma: Gender Specificity and Implications for Immune Checkpoint Inhibition. International Journal of Molecular Sciences, 2022, 23, 3324.	4.1	4
5	Novel protein markers of androgen activity in humans: proteomic study of plasma from young chemically castrated men. ELife, 2022, 11, .	6.0	3
6	Non-Invasive, Topical Sampling of Potential, Low-Molecular Weight, Skin Cancer Biomarkers: A Study on Healthy Volunteers. Analytical Chemistry, 2022, 94, 5856-5865.	6.5	8
7	Expression patterns and prognostic relevance of subtypeâ€specific transcription factors in surgically resected smallâ€cell lung cancer: an international multicenter study. Journal of Pathology, 2022, 257, 674-686.	4.5	26
8	Proteomic Workflows for High-Quality Quantitative Proteome and Post-Translational Modification Analysis of Clinically Relevant Samples from Formalin-Fixed Paraffin-Embedded Archives. Journal of Proteome Research, 2021, 20, 1027-1039.	3.7	20
9	Non-invasive skin sampling of tryptophan/kynurenine ratio in vitro towards a skin cancer biomarker. Scientific Reports, 2021, 11, 678.	3.3	7
10	Molecular profiles of small cell lung cancer subtypes: Therapeutic implications. Molecular Therapy - Oncolytics, 2021, 20, 470-483.	4.4	64
11	Apelin promotes blood and lymph vessel formation and the growth of melanoma lung metastasis. Scientific Reports, 2021, 11, 5798.	3.3	13
12	RUBIC (ReproUnion Biobank and Infertility Cohort): A binational clinical foundation to study risk factors, life course, and treatment of infertility and infertilityâ€related morbidity. Andrology, 2021, 9, 1828-1842.	3.5	13
13	The Human Melanoma Proteome Atlasâ€"Complementing the melanoma transcriptome. Clinical and Translational Medicine, 2021, 11, e451.	4.0	20
14	Matrixâ€assisted laser desorption ionization â€•mass spectrometry imaging of erlotinib reveals a limited tumor tissue distribution in a nonâ€smallâ€cell lung cancer mouse xenograft model. Clinical and Translational Medicine, 2021, 11, e481.	4.0	1
15	Differences in biomarker concentrations and predictions of long-term outcome in patients with ST-elevation and non-ST-elevation myocardial infarction. Clinical Biochemistry, 2021, 98, 17-23.	1.9	15
16	Proteome of fluid from human ovarian small antral follicles reveals insights in folliculogenesis and oocyte maturation. Human Reproduction, 2021, 36, 756-770.	0.9	17
17	Protein co-expression network-based profiles revealed from laser-microdissected cancerous cells of lung squamous-cell carcinomas. Scientific Reports, 2021, 11, 20209.	3.3	5
18	Topological Dissection of Proteomic Changes Linked to the Limbic Stage of Alzheimerâ€™s Disease. Frontiers in Immunology, 2021, 12, 750665.	4.8	5

#	Article	IF	Citations
19	Organ Specific Copy Number Variations in Visceral Metastases of Human Melanoma. Cancers, 2021, 13, 5984.	3.7	7
20	Short-Term Effect of Induced Alterations in Testosterone Levels on Fasting Plasma Amino Acid Levels in Healthy Young Men. Life, 2021, 11, 1276.	2.4	2
21	Deep Proteomic Analysis on Biobanked Paraffine-Archived Melanoma with Prognostic/Predictive Biomarker Read-Out. Cancers, 2021, 13, 6105.	3.7	3
22	Mapping the Melanoma Plasma Proteome (MPP) Using Single-Shot Proteomics Interfaced with the WiMT Database. Cancers, 2021, 13, 6224.	3.7	4
23	Novel functional proteins coded by the human genome discovered in metastases of melanoma patients. Cell Biology and Toxicology, 2020, 36, 261-272.	5.3	9
24	Short-term effect of pharmacologically induced alterations in testosterone levels on common blood biomarkers in a controlled healthy human model. Scandinavian Journal of Clinical and Laboratory Investigation, 2020, 80, 25-31.	1.2	7
25	Targeting the hydrophilic regions of recombinant proteins by MS via in-solution buffer-free trypsin digestion. European Journal of Mass Spectrometry, 2020, 26, 230-237.	1.0	7
26	Association of coronary calcium score with endothelial dysfunction and arterial stiffness. Atherosclerosis, 2020, 313, 70-75.	0.8	10
27	A high-stringency blueprint of the human proteome. Nature Communications, 2020, 11, 5301.	12.8	152
28	Visualisation of H2O2 penetration through skin indicates importance to develop pathway-specific epidermal sensing. Mikrochimica Acta, 2020, 187, 656.	5.0	8
29	Mass spectrometry-based analysis of formalin-fixed, paraffin-embedded distal cholangiocarcinoma identifies stromal thrombospondin-2 as a potential prognostic marker. Journal of Translational Medicine, 2020, 18, 343.	4.4	10
30	DNA Polymerase Alpha Subunit B Is a Binding Protein for Erlotinib Resistance in Non-Small Cell Lung Cancer. Cancers, 2020, 12, 2613.	3.7	4
31	MSIWarp: A General Approach to Mass Alignment in Mass Spectrometry Imaging. Analytical Chemistry, 2020, 92, 16138-16148.	6.5	7
32	Proteomic analysis enables distinction of early–versus advanced–stage lung adenocarcinomas. Clinical and Translational Medicine, 2020, 10, e106.	4.0	7
33	Amyloid-specific extraction using organic solvents. MethodsX, 2020, 7, 100770.	1.6	4
34	Protein Expression in Metastatic Melanoma and the Link to Disease Presentation in a Range of Tumor Phenotypes. Cancers, 2020, 12, 767.	3.7	2
35	Human iPSC-Derived Hippocampal Spheroids: An Innovative Tool for Stratifying Alzheimer Disease Patient-Specific Cellular Phenotypes and Developing Therapies. Stem Cell Reports, 2020, 15, 256-273.	4.8	49
36	Integrated proteogenomic approach identifying a protein signature of COPD and a new splice variant of SORBS1. Thorax, 2020, 75, 180-183.	5.6	16

#	Article	IF	Citations
37	YAP1 is an independent prognostic marker in pancreatic cancer and associated with extracellular matrix remodeling. Journal of Translational Medicine, 2020, 18, 77.	4.4	40
38	Profiling the Protein Targets of Unmodified Bioâ€Active Molecules with Drug Affinity Responsive Target Stability and Liquid Chromatography/Tandem Mass Spectrometry. Proteomics, 2020, 20, e1900325.	2.2	18
39	A pilot proteomic study reveals different protein profiles related to testosterone and gonadotropin changes in a short-term controlled healthy human cohort. Journal of Proteomics, 2020, 220, 103768.	2.4	4
40	Assessing Automated Sample Preparation Technologies for High-Throughput Proteomics of Frozen Well Characterized Tissues from Swedish Biobanks. Journal of Proteome Research, 2019, 18, 548-556.	3.7	18
41	Clusterwise Peak Detection and Filtering Based on Spatial Distribution To Efficiently Mine Mass Spectrometry Imaging Data. Analytical Chemistry, 2019, 91, 11888-11896.	6.5	8
42	Global extracellular vesicle proteomic signature defines U87-MG glioma cell hypoxic status with potential implications for non-invasive diagnostics. Journal of Neuro-Oncology, 2019, 144, 477-488.	2.9	24
43	Alpha-1-acid glycoprotein 1 is upregulated in pancreatic ductal adenocarcinoma and confers a poor prognosis. Translational Research, 2019, 212, 67-79.	5.0	11
44	Progressive changes in human follicular fluid composition over the course of ovulation: quantitative proteomic analyses. Molecular and Cellular Endocrinology, 2019, 495, 110522.	3.2	29
45	Current status of clinical proteogenomics in lung cancer. Expert Review of Proteomics, 2019, 16, 761-772.	3.0	27
46	Ultrasensitive Immunoprofiling of Plasma Extracellular Vesicles Identifies Syndecan-1 as a Potential Tool for Minimally Invasive Diagnosis of Glioma. Clinical Cancer Research, 2019, 25, 3115-3127.	7.0	72
47	Proteomic profiling of extracellular vesicles reveals additional diagnostic biomarkers for myocardial infarction compared to plasma alone. Scientific Reports, 2019, 9, 8991.	3.3	44
48	Proteomic signatures of brain regions affected by tau pathology in early and late stages of Alzheimer's disease. Neurobiology of Disease, 2019, 130, 104509.	4.4	46
49	Quantitative proteomics identifies brain acid soluble protein 1 (BASP1) as a prognostic biomarker candidate in pancreatic cancer tissue. EBioMedicine, 2019, 43, 282-294.	6.1	43
50	Clinical protein science in translational medicine targeting malignant melanoma. Cell Biology and Toxicology, 2019, 35, 293-332.	5.3	33
51	Challenging the heterogeneity of disease presentation in malignant melanomaâ€"impact on patient treatment. Cell Biology and Toxicology, 2019, 35, 1-14.	5.3	15
52	Optimization of sample preparation for transporter protein quantification in tissues by LCâ€"MS/MS. Journal of Pharmaceutical and Biomedical Analysis, 2019, 164, 9-15.	2.8	2
53	Evaluation of Drug Exposure and Metabolism in Locust and Zebrafish Brains Using Mass Spectrometry Imaging. ACS Chemical Neuroscience, 2018, 9, 1994-2000.	3.5	18
54	Large Scale Identification of Variant Proteins in Glioma Stem Cells. ACS Chemical Neuroscience, 2018, 9, 73-79.	3.5	12

#	Article	IF	Citations
55	Automated phosphopeptide enrichment from minute quantities of frozen malignant melanoma tissue. PLoS ONE, 2018, 13, e0208562.	2.5	15
56	Biobank integration of largeâ€scale clinical and histopathology melanoma studies within the European Cancer Moonshot Lund Center. Clinical and Translational Medicine, 2018, 7, 28.	4.0	8
57	Endogenous expression mapping of malignant melanoma by mass spectrometry imaging. Clinical and Translational Medicine, 2018, 7, 22.	4.0	9
58	Quantitative Assessment of Urea In-Solution Lys-C/Trypsin Digestions Reveals Superior Performance at Room Temperature over Traditional Proteolysis at 37 Â°C. Journal of Proteome Research, 2018, 17, 2556-2561.	3.7	32
59	Biology/Disease-Driven Initiative on Protein-Aggregation Diseases of the Human Proteome Project: Goals and Progress to Date. Journal of Proteome Research, 2018, 17, 4072-4084.	3.7	5
60	Proteomic analyses identify prognostic biomarkers for pancreatic ductal adenocarcinoma. Oncotarget, 2018, 9, 9789-9807.	1.8	38
61	Characterization of histone-related chemical modifications in formalin-fixed paraffin-embedded and fresh-frozen human pancreatic cancer xenografts using LC-MS/MS. Laboratory Investigation, 2017, 97, 279-288.	3.7	14
62	Quantitation of 87 Proteins by nLC-MRM/MS in Human Plasma: Workflow for Large-Scale Analysis of Biobank Samples. Journal of Proteome Research, 2017, 16, 3242-3254.	3.7	10
63	Pathophysiology of meningioma growth in pregnancy. Open Medicine (Poland), 2017, 12, 195-200.	1.3	44
64	A multicentric study to evaluate the use of relative retention times in targeted proteomics. Journal of Proteomics, 2017, 152, 138-149.	2.4	9
65	Cancer heterogeneity determined by functional proteomics. Seminars in Cell and Developmental Biology, 2017, 64, 132-142.	5.0	17
66	FK506, an Immunosuppressive Drug, Induces Autophagy by Binding to the V-ATPase Catalytic Subunit A in Neuronal Cells. Journal of Proteome Research, 2017, 16, 55-64.	3.7	41
67	Limited Tumor Tissue Drug Penetration Contributes to Primary Resistance against Angiogenesis Inhibitors. Theranostics, 2017, 7, 400-412.	10.0	71
68	A selected reaction monitoring mass spectrometric assessment of biomarker candidates diagnosing large-cell neuroendocrine lung carcinoma by the scaling method using endogenous references. PLoS ONE, 2017, 12, e0176219.	2.5	12
69	Histone profiling reveals the H1.3 histone variant as a prognostic biomarker for pancreatic ductal adenocarcinoma. BMC Cancer, 2017, 17, 810.	2.6	13
70	Correlation of histopathologic characteristics to protein expression and function in malignant melanoma. PLoS ONE, 2017, 12, e0176167.	2.5	27
71	*PARP1* expression and its correlation with survival is tumour molecular subtype dependent in glioblastoma. Oncotarget, 2017, 8, 46348-46362.	1.8	49
72	Clinical protein science developments for patient monitoring in hospital central laboratories. Clinical and Translational Medicine, 2016, 5, 47.	4.0	1

#	Article	IF	Citations
73	Intra-tumour IgA1 is common in cancer and is correlated with poor prognosis in bladder cancer.. Heliyon, 2016, 2, e00143.	3.2	19
74	Combining gas-phase electrophoretic mobility molecular analysis (GEMMA), light scattering, field flow fractionation and cryo electron microscopy in a multidimensional approach to characterize liposomal carrier vesicles. International Journal of Pharmaceutics, 2016, 513, 309-318.	5.2	19
75	Merging clinical chemistry biomarker data with a COPD database - building a clinical infrastructure for proteomic studies. Proteome Science, 2016, 15, 8.	1.7	5
76	Building the basis for proteomics in personalized medicine for targeted treatment. Clinical and Translational Medicine, 2016, 5, 19.	4.0	4
77	Localization of tamoxifen in human breast cancer tumors by MALDI mass spectrometry imaging. Clinical and Translational Medicine, 2016, 5, 10.	4.0	21
78	Biomarkers of early chronic obstructive pulmonary disease (COPD) in smokers and former smokers. Protocol of a longitudinal study. Clinical and Translational Medicine, 2016, 5, 9.	4.0	13
79	Cholangiocarcinoma â€" current classification and challenges towards personalised medicine. Scandinavian Journal of Gastroenterology, 2016, 51, 641-643.	1.5	9
80	Developments of mass spectrometry-based technologies for effective drug development linked with clinical proteomes. Drug Metabolism and Pharmacokinetics, 2016, 31, 3-11.	2.2	9
81	A Protein Deep Sequencing Evaluation of Metastatic Melanoma Tissues. PLoS ONE, 2015, 10, e0123661.	2.5	19
82	Quest for Missing Proteins: Update 2015 on Chromosome-Centric Human Proteome Project. Journal of Proteome Research, 2015, 14, 3415-3431.	3.7	53
83	Integration of Proteomics and Transcriptomics Data Sets for the Analysis of a Lymphoma B-Cell Line in the Context of the Chromosome-Centric Human Proteome Project. Journal of Proteome Research, 2015, 14, 3530-3540.	3.7	16
84	Drug compound characterization by mass spectrometry imaging in cancer tissue. Archives of Pharmacal Research, 2015, 38, 1718-1727.	6.3	22
85	Clinical initiatives linking Japanese and Swedish healthcare resources on cancer studies utilizing Biobank Repositories. Clinical and Translational Medicine, 2014, 3, 61.	4.0	6
86	Biorepository Regulatory Frameworks: Building Parallel Resources That Both Promote Scientific Investigation and Protect Human Subjects. Journal of Proteome Research, 2014, 13, 5319-5324.	3.7	11
87	Analysis of Alpha-Synuclein in Malignant Melanoma â€" Development of a SRM Quantification Assay. PLoS ONE, 2014, 9, e110804.	2.5	20