

# Panagiotis A Vorkas

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4082393/publications.pdf>

Version: 2024-02-01

22  
papers

717  
citations

623734

14  
h-index

677142

22  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1396  
citing authors

#	ARTICLE	IF	CITATIONS
1	Untargeted UPLC-MS Profiling Pipeline to Expand Tissue Metabolome Coverage: Application to Cardiovascular Disease. <i>Analytical Chemistry</i> , 2015, 87, 4184-4193.	6.5	161
2	Chemical mapping of the colorectal cancer microenvironment via MALDI imaging mass spectrometry (MALDI-MSI) reveals novel cancer-associated field effects. <i>Molecular Oncology</i> , 2014, 8, 39-49.	4.6	95
3	Metabolic Phenotyping of Atherosclerotic Plaques Reveals Latent Associations between Free Cholesterol and Ceramide Metabolism in Atherogenesis. <i>Journal of Proteome Research</i> , 2015, 14, 1389-1399.	3.7	65
4	Discovery of Infection Associated Metabolic Markers in Human African Trypanosomiasis. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0004200.	3.0	48
5	PIK3CA Hotspot Mutation Scanning by a Novel and Highly Sensitive High-Resolution Small Amplicon Melting Analysis Method. <i>Journal of Molecular Diagnostics</i> , 2010, 12, 697-704.	2.8	37
6	Implementation of Molecular Phenotyping Approaches in the Personalized Surgical Patient Journey. <i>Annals of Surgery</i> , 2012, 255, 881-889.	4.2	34
7	Lessons from Metabonomics on the Neurobiology of Stroke. <i>Neuroscientist</i> , 2017, 23, 374-382.	3.5	34
8	Metabolic Phenotypes of Carotid Atherosclerotic Plaques Relate to Stroke Risk: An Exploratory Study. <i>European Journal of Vascular and Endovascular Surgery</i> , 2016, 52, 5-10.	1.5	32
9	Optimization of metabolite extraction of human vein tissue for ultra performance liquid chromatography-mass spectrometry and nuclear magnetic resonance-based untargeted metabolic profiling. <i>Analyst</i> , 2015, 140, 7586-7597.	3.5	30
10	Perturbations in fatty acid metabolism and apoptosis are manifested in calcific coronary artery disease: An exploratory lipidomic study. <i>International Journal of Cardiology</i> , 2015, 197, 192-199.	1.7	29
11	Systems Biology of Human Atherosclerosis. <i>Vascular and Endovascular Surgery</i> , 2014, 48, 5-17.	0.7	26
12	In-vitro Identification of Distinctive Metabolic Signatures of Intact Varicose Vein Tissue via Magic Angle Spinning Nuclear Magnetic Resonance Spectroscopy. <i>European Journal of Vascular and Endovascular Surgery</i> , 2012, 44, 442-450.	1.5	18
13	Automated Annotation of Untargeted All-Ion Fragmentation LC-MS Metabolomics Data with MetaboAnnotator. <i>Analytical Chemistry</i> , 2022, 94, 3446-3455.	6.5	18
14	Characterizing the breast cancer lipidome and its interaction with the tissue microbiota. <i>Communications Biology</i> , 2021, 4, 1229.	4.4	17
15	A closed-tube methylation-sensitive high resolution melting assay (MS-HRMA) for the semi-quantitative determination of CST6 promoter methylation in clinical samples. <i>BMC Cancer</i> , 2012, 12, 486.	2.6	14
16	Mutation scanning of exon 20 of the BRCA1 gene by high-resolution melting curve analysis. <i>Clinical Biochemistry</i> , 2010, 43, 178-185.	1.9	13
17	Replication of LC-MS untargeted lipidomics results in patients with calcific coronary disease: An interlaboratory reproducibility study. <i>International Journal of Cardiology</i> , 2016, 222, 1042-1048.	1.7	13
18	Application of Metabolic Profiling to Abdominal Aortic Aneurysm Research. <i>Journal of Proteome Research</i> , 2017, 16, 2325-2332.	3.7	10

#	ARTICLE	IF	CITATIONS
19	Tissue Multiplatform-Based Metabolomics/Metabonomics for Enhanced Metabolome Coverage. <i>Methods in Molecular Biology</i> , 2018, 1738, 239-260.	0.9	8
20	Expanding lipidome coverage using MS/MS-aided untargeted data-independent RPâ€“UPLCâ€“TOFâ€“MS<sup>E</sup> acquisition. <i>Bioanalysis</i> , 2018, 10, 307-319.	1.5	5
21	Metabolic Signatures of Gestational Weight Gain and Postpartum Weight Loss in a Lifestyle Intervention Study of Overweight and Obese Women. <i>Metabolites</i> , 2020, 10, 498.	2.9	5
22	Lipid profiling of mouse intestinal organoids for studying <i>APC</i> mutations. <i>Bioscience Reports</i> , 2021, 41, .	2.4	5