

Julijana Ivanisevic

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

6,797
citations

145106

33
h-index

139680

61
g-index

66
all docs

66
docs citations

66
times ranked

11659
citing authors

#	ARTICLE	IF	CITATIONS
1	The Metabolic Signature of Cardiorespiratory Fitness: A Systematic Review. <i>Sports Medicine</i> , 2022, 52, 527-546.	3.1	5
2	Inhibition of sphingolipid de novo synthesis counteracts muscular dystrophy. <i>Science Advances</i> , 2022, 8, eabh4423.	4.7	18
3	PERK is a critical metabolic hub for immunosuppressive function in macrophages. <i>Nature Immunology</i> , 2022, 23, 431-445.	7.0	72
4	Gut microbiota severely hampers the efficacy of NAD-lowering therapy in leukemia. <i>Cell Death and Disease</i> , 2022, 13, 320.	2.7	5
5	The metabolic signature of cardiorespiratory fitness: a protocol for a systematic review and meta-analysis. <i>BMJ Open Sport and Exercise Medicine</i> , 2021, 7, e001008.	1.4	5
6	DBnorm as an R package for the comparison and selection of appropriate statistical methods for batch effect correction in metabolomic studies. <i>Scientific Reports</i> , 2021, 11, 5657.	1.6	14
7	Sex-specific alterations in NAD ⁺ metabolism in 3xTg Alzheimer's disease mouse brain assessed by quantitative targeted LC-MS. <i>Journal of Neurochemistry</i> , 2021, 159, 378-388.	2.1	21
8	Metabolic View on Human Healthspan: A Lipidome-Wide Association Study. <i>Metabolites</i> , 2021, 11, 287.	1.3	16
9	Central anorexigenic actions of bile acids are mediated by TGR5. <i>Nature Metabolism</i> , 2021, 3, 595-603.	5.1	64
10	The fate of orally administered sialic acid: First insights from patients with N-acetylneuraminic acid synthase deficiency and control subjects. <i>Molecular Genetics and Metabolism Reports</i> , 2021, 28, 100777.	0.4	7
11	How Ceramides Orchestrate Cardiometabolic Health—An Ode to Physically Active Living. <i>Metabolites</i> , 2021, 11, 675.	1.3	9
12	Tumor-induced reshuffling of lipid composition on the endoplasmic reticulum membrane sustains macrophage survival and pro-tumorigenic activity. <i>Nature Immunology</i> , 2021, 22, 1403-1415.	7.0	72
13	Metabolic Impairment in Coronary Artery Disease: Elevated Serum Acylcarnitines Under the Spotlights. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 792350.	1.1	11
14	Metabolomics meets lipidomics: Assessing the small molecule component of metabolism. <i>BioEssays</i> , 2020, 42, e2000052.	1.2	24
15	Single-Step Extraction Coupled with Targeted HILIC-MS/MS Approach for Comprehensive Analysis of Human Plasma Lipidome and Polar Metabolome. <i>Metabolites</i> , 2020, 10, 495.	1.3	46
16	Warmth Prevents Bone Loss Through the Gut Microbiota. <i>Cell Metabolism</i> , 2020, 32, 575-590.e7.	7.2	88
17	Mechanistic insights into bacterial metabolic reprogramming from omics-integrated genome-scale models. <i>Npj Systems Biology and Applications</i> , 2020, 6, 1.	1.4	62
18	Merged Targeted Quantification and Untargeted Profiling for Comprehensive Assessment of Acylcarnitine and Amino Acid Metabolism. <i>Analytical Chemistry</i> , 2019, 91, 11757-11769.	3.2	34

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19	Ammonium accumulation and chemokine decrease in culture media of Gcdh ^{-/-} 3D reagggregated brain cell cultures. <i>Molecular Genetics and Metabolism</i> , 2019, 126, 416-428.	0.5	6
20	Molecular Profiling and Functional Analysis of Macrophage-Derived Tumor Extracellular Vesicles. <i>Cell Reports</i> , 2019, 27, 3062-3080.e11.	2.9	118
21	Identification of bioactive metabolites using activity metabolomics. <i>Nature Reviews Molecular Cell Biology</i> , 2019, 20, 353-367.	16.1	602
22	Systemic and central nervous system metabolic alterations in Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2019, 11, 93.	3.0	143
23	From Samples to Insights into Metabolism: Uncovering Biologically Relevant Information in LC-HRMS Metabolomics Data. <i>Metabolites</i> , 2019, 9, 308.	1.3	61
24	A global HILIC-MS approach to measure polar human cerebrospinal fluid metabolome: Exploring gender-associated variation in a cohort of elderly cognitively healthy subjects. <i>Analytica Chimica Acta</i> , 2018, 1037, 327-337.	2.6	53
25	Metabolomics as a Tool to Understand Pathophysiological Processes. <i>Methods in Molecular Biology</i> , 2018, 1730, 3-28.	0.4	27
26	P4193: IDENTIFICATION AND COMPREHENSIVE CHARACTERIZATION OF CNS AND SYSTEMIC METABOLIC ALTERATIONS IN ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2018, 14, P1513.	0.4	0
27	LC-HRMS data as a result of untargeted metabolomic profiling of human cerebrospinal fluid. <i>Data in Brief</i> , 2018, 21, 1358-1362.	0.5	2
28	De novo NAD ⁺ synthesis enhances mitochondrial function and improves health. <i>Nature</i> , 2018, 563, 354-359.	13.7	302
29	XCMS-MRM and METLIN-MRM: a cloud library and public resource for targeted analysis of small molecules. <i>Nature Methods</i> , 2018, 15, 681-684.	9.0	112
30	Autonomous Multimodal Metabolomics Data Integration for Comprehensive Pathway Analysis and Systems Biology. <i>Analytical Chemistry</i> , 2018, 90, 8396-8403.	3.2	24
31	Systems biology guided by XCMS Online metabolomics. <i>Nature Methods</i> , 2017, 14, 461-462.	9.0	168
32	Data Streaming for Metabolomics: Accelerating Data Processing and Analysis from Days to Minutes. <i>Analytical Chemistry</i> , 2017, 89, 1254-1259.	3.2	23
33	Î±-ketoglutarate orchestrates macrophage activation through metabolic and epigenetic reprogramming. <i>Nature Immunology</i> , 2017, 18, 985-994.	7.0	715
34	Global Isotope Metabolomics Reveals Adaptive Strategies for Nitrogen Assimilation. <i>ACS Chemical Biology</i> , 2016, 11, 1677-1685.	1.6	17
35	Ammonium accumulation is a primary effect of 2-methylcitrate exposure in an in vitro model for brain damage in methylmalonic aciduria. <i>Molecular Genetics and Metabolism</i> , 2016, 119, 57-67.	0.5	13
36	Metabolomics: beyond biomarkers and towards mechanisms. <i>Nature Reviews Molecular Cell Biology</i> , 2016, 17, 451-459.	16.1	1,723

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37	Global metabolomics reveals metabolic dysregulation in ischemic retinopathy. <i>Metabolomics</i> , 2016, 12, 15.	1.4	80
38	Metabolic drift in the aging brain. <i>Aging</i> , 2016, 8, 1000-1020.	1.4	89
39	Arteriovenous Blood Metabolomics: A Readout of Intra-Tissue Metabostasis. <i>Scientific Reports</i> , 2015, 5, 12757.	1.6	62
40	Comprehensive bioimaging with fluorinated nanoparticles using breathable liquids. <i>Nature Communications</i> , 2015, 6, 5998.	5.8	50
41	Metabolomic profiling reveals deep chemical divergence between two morphotypes of the zoanthid <i>Parazoanthus axinellae</i> . <i>Scientific Reports</i> , 2015, 5, 8282.	1.6	29
42	Metabolism Links Bacterial Biofilms and Colon Carcinogenesis. <i>Cell Metabolism</i> , 2015, 21, 891-897.	7.2	288
43	Thermal Degradation of Small Molecules: A Global Metabolomic Investigation. <i>Analytical Chemistry</i> , 2015, 87, 10935-10941.	3.2	112
44	The Role of Metabolomics in Brain Metabolism Research. <i>Journal of NeuroImmune Pharmacology</i> , 2015, 10, 391-395.	2.1	39
45	Determining conserved metabolic biomarkers from a million database queries. <i>Bioinformatics</i> , 2015, 31, 3721-3724.	1.8	8
46	Autonomous Metabolomics for Rapid Metabolite Identification in Global Profiling. <i>Analytical Chemistry</i> , 2015, 87, 884-891.	3.2	157
47	An interactive cluster heat map to visualize and explore multidimensional metabolomic data. <i>Metabolomics</i> , 2015, 11, 1029-1034.	1.4	39
48	Bioinformatics: The Next Frontier of Metabolomics. <i>Analytical Chemistry</i> , 2015, 87, 147-156.	3.2	112
49	Integrative taxonomic description of <i>Plakina kanaky</i> , a new polychromatic sponge species from New Caledonia (Porifera: Homoscleromorpha). <i>Marine Ecology</i> , 2015, 36, 1129-1143.	0.4	11
50	Brain Region Mapping Using Global Metabolomics. <i>Chemistry and Biology</i> , 2014, 21, 1575-1584.	6.2	65
51	Interactive XCMS Online: Simplifying Advanced Metabolomic Data Processing and Subsequent Statistical Analyses. <i>Analytical Chemistry</i> , 2014, 86, 6931-6939.	3.2	332
52	isoMETLIN: A Database for Isotope-Based Metabolomics. <i>Analytical Chemistry</i> , 2014, 86, 9358-9361.	3.2	41
53	Metabolomic data streaming for biology-dependent data acquisition. <i>Nature Biotechnology</i> , 2014, 32, 524-527.	9.4	45
54	Toward Omic Scale Metabolite Profiling: A Dual Separation-Mass Spectrometry Approach for Coverage of Lipid and Central Carbon Metabolism. <i>Analytical Chemistry</i> , 2013, 85, 6876-6884.	3.2	242

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55	Pluri-annual study of the reproduction of two Mediterranean <i>Oscarella</i> species (Porifera,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 423-438.	0.7	21
56	Balibalosides, an Original Family of Glucosylated Sesterterpenes Produced by the Mediterranean Sponge <i>Oscarella balibalo</i> . <i>Marine Drugs</i> , 2013, 11, 1477-1489.	2.2	47
57	<i>Oscarella balibalo</i> , a new sponge species (Homoscleromorpha: Plakinidae) from the Western Mediterranean Sea: cytological description, reproductive cycle and ecology. <i>Marine Ecology</i> , 2011, 32, 174-187.	0.4	28
58	Lysophospholipids in the Mediterranean Sponge <i>Oscarella tuberculata</i> : Seasonal Variability and Putative Biological Role. <i>Journal of Chemical Ecology</i> , 2011, 37, 537-545.	0.9	23
59	Metabolic fingerprinting as an indicator of biodiversity: towards understanding inter-specific relationships among Homoscleromorpha sponges. <i>Metabolomics</i> , 2011, 7, 289-304.	1.4	77
60	Biochemical Trade-Offs: Evidence for Ecologically Linked Secondary Metabolism of the Sponge <i>Oscarella balibalo</i> . <i>PLoS ONE</i> , 2011, 6, e28059.	1.1	29
61	The Homoscleromorph sponge <i>Oscarella lobularis</i> , a promising sponge model in evolutionary and developmental biology. <i>BioEssays</i> , 2009, 31, 89-97.	1.2	76