

Julijana Ivanisevic

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

62

papers

4,029

citations

28

h-index

63

g-index

66

ext. papers

5,551

ext. citations

10.4

avg, IF

5.81

L-index

#	Paper	IF	Citations
62	Metabolomics: beyond biomarkers and towards mechanisms. <i>Nature Reviews Molecular Cell Biology</i> , 2016 , 17, 451-9	48.7	967
61	β-ketoglutarate orchestrates macrophage activation through metabolic and epigenetic reprogramming. <i>Nature Immunology</i> , 2017 , 18, 985-994	19.1	394
60	Identification of bioactive metabolites using activity metabolomics. <i>Nature Reviews Molecular Cell Biology</i> , 2019 , 20, 353-367	48.7	258
59	Interactive XCMS Online: simplifying advanced metabolomic data processing and subsequent statistical analyses. <i>Analytical Chemistry</i> , 2014 , 86, 6931-9	7.8	254
58	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, 6876-84	7.8	204
57	Metabolism links bacterial biofilms and colon carcinogenesis. <i>Cell Metabolism</i> , 2015 , 21, 891-7	24.6	201
56	De novo NAD synthesis enhances mitochondrial function and improves health. <i>Nature</i> , 2018 , 563, 354-359	50.4	163
55	Systems biology guided by XCMS Online metabolomics. <i>Nature Methods</i> , 2017 , 14, 461-462	21.6	120
54	Autonomous metabolomics for rapid metabolite identification in global profiling. <i>Analytical Chemistry</i> , 2015 , 87, 884-91	7.8	119
53	Bioinformatics: the next frontier of metabolomics. <i>Analytical Chemistry</i> , 2015 , 87, 147-56	7.8	95
52	Thermal Degradation of Small Molecules: A Global Metabolomic Investigation. <i>Analytical Chemistry</i> , 2015 , 87, 10935-41	7.8	77
51	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	21.6	69
50	The Homoscleromorph sponge <i>Oscarella lobularis</i> , a promising sponge model in evolutionary and developmental biology: model sponge <i>Oscarella lobularis</i> . <i>BioEssays</i> , 2009 , 31, 89-97	4.1	68
49	Molecular Profiling and Functional Analysis of Macrophage-Derived Tumor Extracellular Vesicles. <i>Cell Reports</i> , 2019 , 27, 3062-3080.e11	10.6	62
48	Metabolic fingerprinting as an indicator of biodiversity: towards understanding inter-specific relationships among Homoscleromorpha sponges. <i>Metabolomics</i> , 2011 , 7, 289-304	4.7	61
47	Systemic and central nervous system metabolic alterations in Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2019 , 11, 93	9	57
46	Metabolic drift in the aging brain. <i>Aging</i> , 2016 , 8, 1000-20	5.6	56

45	Global metabolomics reveals metabolic dysregulation in ischemic retinopathy. <i>Metabolomics</i> , 2016 , 12, 15	4.7	54
44	Brain region mapping using global metabolomics. <i>Chemistry and Biology</i> , 2014 , 21, 1575-84		54
43	Arteriovenous Blood Metabolomics: A Readout of Intra-Tissue Metabostasis. <i>Scientific Reports</i> , 2015 , 5, 12757	4.9	47
42	Comprehensive bioimaging with fluorinated nanoparticles using breathable liquids. <i>Nature Communications</i> , 2015 , 6, 5998	17.4	39
41	isoMETLIN: a database for isotope-based metabolomics. <i>Analytical Chemistry</i> , 2014 , 86, 9358-61	7.8	39
40	From Samples to Insights into Metabolism: Uncovering Biologically Relevant Information in LC-HRMS Metabolomics Data. <i>Metabolites</i> , 2019 , 9,	5.6	37
39	Balibalosides, an original family of glucosylated sesterterpenes produced by the Mediterranean sponge <i>Oscarella balibalo</i> . <i>Marine Drugs</i> , 2013 , 11, 1477-89	6	35
38	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	6.6	34
37	Metabolomic data streaming for biology-dependent data acquisition. <i>Nature Biotechnology</i> , 2014 , 32, 524-7	44.5	33
36	The Role of Metabolomics in Brain Metabolism Research. <i>Journal of NeuroImmune Pharmacology</i> , 2015 , 10, 391-5	6.9	31
35	Warmth Prevents Bone Loss Through the Gut Microbiota. <i>Cell Metabolism</i> , 2020 , 32, 575-590.e7	24.6	31
34	Mechanistic insights into bacterial metabolic reprogramming from omics-integrated genome-scale models. <i>Npj Systems Biology and Applications</i> , 2020 , 6, 1	5	28
33	Biochemical trade-offs: evidence for ecologically linked secondary metabolism of the sponge <i>Oscarella balibalo</i> . <i>PLoS ONE</i> , 2011 , 6, e28059	3.7	27
32	<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	1.4	26
31	Metabolomic profiling reveals deep chemical divergence between two morphotypes of the zoanthid <i>Parazoanthus axinellae</i> . <i>Scientific Reports</i> , 2015 , 5, 8282	4.9	24
30	An Interactive Cluster Heat Map to Visualize and Explore Multidimensional Metabolomic Data. <i>Metabolomics</i> , 2015 , 11, 1029-1034	4.7	23
29	Metabolomics as a Tool to Understand Pathophysiological Processes. <i>Methods in Molecular Biology</i> , 2018 , 1730, 3-28	1.4	22
28	Merged Targeted Quantification and Untargeted Profiling for Comprehensive Assessment of Acylcarnitine and Amino Acid Metabolism. <i>Analytical Chemistry</i> , 2019 , 91, 11757-11769	7.8	22

27	Lysophospholipids in the Mediterranean sponge <i>Oscarella tuberculata</i> : seasonal variability and putative biological role. <i>Journal of Chemical Ecology</i> , 2011 , 37, 537-45	2.7	21
26	Data Streaming for Metabolomics: Accelerating Data Processing and Analysis from Days to Minutes. <i>Analytical Chemistry</i> , 2017 , 89, 1254-1259	7.8	20
25	Pluri-annual study of the reproduction of two Mediterranean <i>Oscarella</i> species (Porifera, Homoscleromorpha): cycle, sex-ratio, reproductive effort and phenology. <i>Marine Biology</i> , 2013 , 160, 423-438	2.5	17
24	Central anorexigenic actions of bile acids are mediated by TGR5. <i>Nature Metabolism</i> , 2021 , 3, 595-603	14.6	17
23	Autonomous Multimodal Metabolomics Data Integration for Comprehensive Pathway Analysis and Systems Biology. <i>Analytical Chemistry</i> , 2018 , 90, 8396-8403	7.8	16
22	Global Isotope Metabolomics Reveals Adaptive Strategies for Nitrogen Assimilation. <i>ACS Chemical Biology</i> , 2016 , 11, 1677-85	4.9	13
21	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	3.7	10
20	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	1.4	9
19	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	19.1	9
18	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,	5.6	9
17	Metabolomics meets lipidomics: Assessing the small molecule component of metabolism. <i>BioEssays</i> , 2020 , 42, e2000052	4.1	8
16	Determining conserved metabolic biomarkers from a million database queries. <i>Bioinformatics</i> , 2015 , 31, 3721-4	7.2	7
15	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	6	7
14	Ammonium accumulation and chemokine decrease in culture media of Gcdh 3D reaggreated brain cell cultures. <i>Molecular Genetics and Metabolism</i> , 2019 , 126, 416-428	3.7	5
13	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	4.9	4
12	Visualization and normalization of drift effect across batches in metabolome-wide association studies		3
11	Metabolic View on Human Healthspan: A Lipidome-Wide Association Study. <i>Metabolites</i> , 2021 , 11,	5.6	3
10	The fate of orally administered sialic acid: First insights from patients with -acetylneuraminic acid synthase deficiency and control subjects. <i>Molecular Genetics and Metabolism Reports</i> , 2021 , 28, 100777	1.8	3

9	How Ceramides Orchestrate Cardiometabolic Health-An Ode to Physically Active Living. <i>Metabolites</i> , 2021 , 11,	5.6	2
8	LC-HRMS data as a result of untargeted metabolomic profiling of human cerebrospinal fluid. <i>Data in Brief</i> , 2018 , 21, 1358-1362	1.2	2
7	Gut microbiota severely hampers the efficacy of NAD-lowering therapy in leukemia.. <i>Cell Death and Disease</i> , 2022 , 13, 320	9.8	2
6	The Metabolic Signature of Cardiorespiratory Fitness: A Systematic Review. <i>Sports Medicine</i> , 2021 , 1	10.6	1
5	Mechanistic insights into bacterial metabolic reprogramming from omics-integrated genome-scale models		1
4	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	3.4	1
3	Metabolic Impairment in Coronary Artery Disease: Elevated Serum Acylcarnitines Under the Spotlights.. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 792350	5.4	1
2	Inhibition of sphingolipid de novo synthesis counteracts muscular dystrophy.. <i>Science Advances</i> , 2022 , 8, eabh4423	14.3	0
1	P4-193: IDENTIFICATION AND COMPREHENSIVE CHARACTERIZATION OF CNS AND SYSTEMIC METABOLIC ALTERATIONS IN ALZHEIMER'S DISEASE 2018 , 14, P1513-P1514		