

Systems Biology and Multi-Omics Integration: Viewpoint Community

Metabolites

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The application of artificial neural networks in metabolomics: a historical perspective. <i>Metabolomics</i> , 2019, 15, 142.	1.4	66
2	The Power of LC-MS Based Multiomics: Exploring Adipogenic Differentiation of Human Mesenchymal Stem/Stromal Cells. <i>Molecules</i> , 2019, 24, 3615.	1.7	23
3	Comprehensive Multi-Omics Analysis Reveals Aberrant Metabolism of Epstein-Barr-Virus-Associated Gastric Carcinoma. <i>Cells</i> , 2019, 8, 1220.	1.8	30
4	Influence of Human Activities on Broad-Scale Estuarine-Marine Habitats Using Omics-Based Approaches Applied to Marine Sediments. <i>Microorganisms</i> , 2019, 7, 419.	1.6	11
5	Increasing Comparability and Utility of Gut Microbiome Studies in Parkinson's Disease: A Systematic Review. <i>Journal of Parkinson's Disease</i> , 2019, 9, S297-S312.	1.5	117
6	Steroidomics for the Prevention, Assessment, and Management of Cancers: A Systematic Review and Functional Analysis. <i>Metabolites</i> , 2019, 9, 199.	1.3	11
7	Integration of Metabolomic and Other Omics Data in Population-Based Study Designs: An Epidemiological Perspective. <i>Metabolites</i> , 2019, 9, 117.	1.3	47
8	Translational Metabolomics: Current Challenges and Future Opportunities. <i>Metabolites</i> , 2019, 9, 108.	1.3	136
9	The Many Faces of Gene Regulation in Cancer: A Computational Oncogenomics Outlook. <i>Genes</i> , 2019, 10, 865.	1.0	34
10	Recent Progress in Lab-On-a-Chip Systems for the Monitoring of Metabolites for Mammalian and Microbial Cell Research. <i>Sensors</i> , 2019, 19, 5027.	2.1	18
11	Omics Potential in Herbicide-Resistant Weed Management. <i>Plants</i> , 2019, 8, 607.	1.6	17
12	On the Road to Accurate Biomarkers for Cardiometabolic Diseases by Integrating Precision and Gender Medicine Approaches. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6015.	1.8	14
13	Exploration of the microbiota and metabolites within body fluids could pinpoint novel disease mechanisms. <i>FEBS Journal</i> , 2020, 287, 856-865.	2.2	14
14	Biomarkers of health and welfare: A One Health perspective from the laboratory side. <i>Research in Veterinary Science</i> , 2020, 128, 299-307.	0.9	11
15	Bioinformatics-assisted, integrated omics studies on medicinal plants. <i>Briefings in Bioinformatics</i> , 2020, 21, 1857-1874.	3.2	26
16	Metabolite database for root, tuber, and banana crops to facilitate modern breeding in understudied crops. <i>Plant Journal</i> , 2020, 101, 1258-1268.	2.8	35
17	Bugs and drugs: a systems biology approach to characterising the effect of moxidectin on the horse's faecal microbiome. <i>Animal Microbiome</i> , 2020, 2, 38.	1.5	12
18	Argonaut: A Web Platform for Collaborative Multi-omic Data Visualization and Exploration. <i>Patterns</i> , 2020, 1, 100122.	3.1	18

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19	Fun(gi)omics: Advanced and Diverse Technologies to Explore Emerging Fungal Pathogens and Define Mechanisms of Antifungal Resistance. <i>MBio</i> , 2020, 11, .	1.8	33
20	Deep metabolome: Applications of deep learning in metabolomics. <i>Computational and Structural Biotechnology Journal</i> , 2020, 18, 2818-2825.	1.9	82
21	Manganese-induced neurotoxicity in cerebellar granule neurons due to perturbation of cell network pathways with potential implications for neurodegenerative disorders. <i>Metallomics</i> , 2020, 12, 1656-1678.	1.0	6
22	Analysis of Megavariable Data in Functional Omics. , 2020, , 515-567.		2
23	Aging mechanisms—A perspective mostly from <i>Drosophila</i> . <i>Genetics & Genomics Next</i> , 2020, 1, e10026.	0.8	11
24	Metabolic Profiles of Whole Serum and Serum-Derived Exosomes Are Different in Head and Neck Cancer Patients Treated by Radiotherapy. <i>Journal of Personalized Medicine</i> , 2020, 10, 229.	1.1	22
25	Precision Nutrition in Chronic Inflammation. <i>Frontiers in Immunology</i> , 2020, 11, 587895.	2.2	13
26	A Customizable Analysis Flow in Integrative Multi-Omics. <i>Biomolecules</i> , 2020, 10, 1606.	1.8	14
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29	Multi-Omics Technologies Applied to Tuberculosis Drug Discovery. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4629.	1.3	22
30	Considerations of Antibody Geometric Constraints on NK Cell Antibody Dependent Cellular Cytotoxicity. <i>Frontiers in Immunology</i> , 2020, 11, 1635.	2.2	20
31	Metabolomic Biomarkers for Detection, Prognosis and Identifying Recurrence in Endometrial Cancer. <i>Metabolites</i> , 2020, 10, 314.	1.3	32
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36	The critical role of plasma membrane H ⁺ -ATPase activity in cephalosporin C biosynthesis of <i>Acremonium chrysogenum</i> . <i>PLoS ONE</i> , 2020, 15, e0238452.	1.1	18

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38	Metabolomic Approaches to Study Chemical Exposure-Related Metabolism Alterations in Mammalian Cell Cultures. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6843.	1.8	16
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51	Specialized phenolic compounds in seeds: structures, functions, and regulations. <i>Plant Science</i> , 2020, 296, 110471.	1.7	62
52	PANOMICS meets germplasm. <i>Plant Biotechnology Journal</i> , 2020, 18, 1507-1525.	4.1	78
53	Proteomic and Transcriptomic Approaches for Studying Bone Regeneration in Health and Systemically Compromised Conditions. <i>Proteomics - Clinical Applications</i> , 2020, 14, e1900084.	0.8	15
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74	Prediction of complex phenotypes using the <i>Drosophila melanogaster</i> metabolome. <i>Heredity</i> , 2021, 126, 717-732.	1.2	4
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89	of Incongruous Cancer Genomics and Proteomics Datasets. <i>Methods in Molecular Biology</i> , 2021, 2361, 291-305.	0.4	1
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108	Use of omic technologies in early life gastrointestinal health and disease: from bench to bedside. <i>Expert Review of Proteomics</i> , 2021, 18, 247-259.	1.3	13

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137	Omics applications in the fight against abuse of anabolic substances in cattle: challenges, perspectives and opportunities. <i>Current Opinion in Food Science</i> , 2021, 40, 112-120.	4.1	15
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