

Michele Costanzo

List of Publications by Year in descending order

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29
papers

1,020
citations

471061

17
h-index

476904

29
g-index

32
all docs

32
docs citations

32
times ranked

1328
citing authors

#	ARTICLE	IF	CITATIONS
1	SARS-CoV-2: Recent Reports on Antiviral Therapies Based on Lopinavir/Ritonavir, Darunavir/Umifenovir, Hydroxychloroquine, Remdesivir, Favipiravir and other Drugs for the Treatment of the New Coronavirus. <i>Current Medicinal Chemistry</i> , 2020, 27, 4536-4541.	1.2	229
2	Dysregulation of lipid metabolism and pathological inflammation in patients with COVID-19. <i>Scientific Reports</i> , 2021, 11, 2941.	1.6	102
3	The Serum Metabolome of Moderate and Severe COVID-19 Patients Reflects Possible Liver Alterations Involving Carbon and Nitrogen Metabolism. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9548.	1.8	56
4	Protein-protein interaction networks as a new perspective to evaluate distinct functional roles of voltage-dependent anion channel isoforms. <i>Molecular BioSystems</i> , 2017, 13, 2466-2476.	2.9	50
5	Anti-Coronavirus Vaccines: Past Investigations on SARS-CoV-1 and MERS-CoV, the Approved Vaccines from BioNTech/Pfizer, Moderna, Oxford/AstraZeneca and others under Development Against SARS-CoV-2 Infection. <i>Current Medicinal Chemistry</i> , 2022, 29, 4-18.	1.2	49
6	COVIDomics: The Proteomic and Metabolomic Signatures of COVID-19. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2414.	1.8	49
7	Targeted metabolomic profiling in rat tissues reveals sex differences. <i>Scientific Reports</i> , 2018, 8, 4663.	1.6	40
8	Sex differences in the human metabolome. <i>Biology of Sex Differences</i> , 2022, 13, .	1.8	38
9	Proteomics Reveals that Methylmalonyl-CoA Mutase Modulates Cell Architecture and Increases Susceptibility to Stress. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4998.	1.8	36
10	Influence of Sex on Urinary Organic Acids: A Cross-Sectional Study in Children. <i>International Journal of Molecular Sciences</i> , 2020, 21, 582.	1.8	33
11	Label-Free Quantitative Proteomics in a Methylmalonyl-CoA Mutase-Silenced Neuroblastoma Cell Line. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3580.	1.8	32
12	Targeted Metabolomic Analysis of a Mucopolysaccharidosis IIIB Mouse Model Reveals an Imbalance of Branched-Chain Amino Acid and Fatty Acid Metabolism. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4211.	1.8	32
13	Proteomic Analysis of Mucopolysaccharidosis IIIB Mouse Brain. <i>Biomolecules</i> , 2020, 10, 355.	1.8	30
14	Challenges in Metabolomics-Based Tests, Biomarkers Revealed by Metabolomic Analysis, and the Promise of the Application of Metabolomics in Precision Medicine. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5213.	1.8	30
15	Urine Proteomics Revealed a Significant Correlation Between Urine-Fibronectin Abundance and Estimated-GFR Decline in Patients with Bardet-Biedl Syndrome. <i>Kidney and Blood Pressure Research</i> , 2018, 43, 389-405.	0.9	28
16	Integration of Proteomics and Metabolomics in Exploring Genetic and Rare Metabolic Diseases. <i>Kidney Diseases (Basel, Switzerland)</i> , 2017, 3, 66-77.	1.2	26
17	The first knock-in rat model for glutaric aciduria type I allows further insights into pathophysiology in brain and periphery. <i>Molecular Genetics and Metabolism</i> , 2021, 133, 157-181.	0.5	22
18	The saturation degree of fatty acids and their derived acylcarnitines determines the direct effect of metabolically active thyroid hormones on insulin sensitivity in skeletal muscle cells. <i>FASEB Journal</i> , 2019, 33, 1811-1823.	0.2	18

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19	Dataset of a comparative proteomics experiment in a methylmalonyl-CoA mutase knockout HEK 293 cell model. <i>Data in Brief</i> , 2020, 33, 106453.	0.5	18
20	Proteomic and Bioinformatic Investigation of Altered Pathways in Neuroglobin-Deficient Breast Cancer Cells. <i>Molecules</i> , 2021, 26, 2397.	1.7	18
21	Sex Affects Human Premature Neonates'™ Blood Metabolome According to Gestational Age, Parenteral Nutrition, and Caffeine Treatment. <i>Metabolites</i> , 2021, 11, 158.	1.3	17
22	A knock-in rat model unravels acute and chronic renal toxicity in glutaric aciduria type I. <i>Molecular Genetics and Metabolism</i> , 2021, 134, 287-300.	0.5	17
23	Overexpression of Neuroglobin Promotes Energy Metabolism and Autophagy Induction in Human Neuroblastoma SH-SY5Y Cells. <i>Cells</i> , 2021, 10, 3394.	1.8	14
24	Synthesis and supramolecular assembly of 1,3-bis(1-uracilyl)-2-propanone. <i>RSC Advances</i> , 2014, 4, 28691.	1.7	8
25	Proteome data of neuroblastoma cells overexpressing Neuroglobin. <i>Data in Brief</i> , 2022, 41, 107843.	0.5	8
26	Deregulation of microtubule organization and RNA metabolism in <i>Arx</i> models for lissencephaly and developmental epileptic encephalopathy. <i>Human Molecular Genetics</i> , 2022, 31, 1884-1908.	1.4	6
27	Leishmania spp.-Infected Dogs Have Circulating Anti-Skeletal Muscle Autoantibodies Recognizing SERCA1. <i>Pathogens</i> , 2021, 10, 463.	1.2	4
28	Targeted metabolomics. , 2022, , 219-236.		4
29	Intravital Imaging with Two-Photon Microscopy: A Look into the Kidney. <i>Photonics</i> , 2022, 9, 294.	0.9	4