

Michele Dei Cas

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

1,277
citations

471371

17
h-index

414303

32
g-index

64
all docs

64
docs citations

64
times ranked

2118
citing authors

#	ARTICLE	IF	CITATIONS
1	Dietary Curcumin: Correlation between Bioavailability and Health Potential. <i>Nutrients</i> , 2019, 11, 2147.	1.7	310
2	Alterations in Circulating Fatty Acid Are Associated With Gut Microbiota Dysbiosis and Inflammation in Multiple Sclerosis. <i>Frontiers in Immunology</i> , 2020, 11, 1390.	2.2	101
3	Multiple target tissue effects of GLP-1 analogues on non-alcoholic fatty liver disease (NAFLD) and non-alcoholic steatohepatitis (NASH). <i>Pharmacological Research</i> , 2018, 137, 219-229.	3.1	54
4	Cancer Prevention and Therapy with Polyphenols: Sphingolipid-Mediated Mechanisms. <i>Nutrients</i> , 2018, 10, 940.	1.7	47
5	In Vitro Anticancer Activity of Extracellular Vesicles (EVs) Secreted by Gingival Mesenchymal Stromal Cells Primed with Paclitaxel. <i>Pharmaceutics</i> , 2019, 11, 61.	2.0	44
6	Inflammatory extracellular vesicles prompt heart dysfunction via TRL4-dependent NF- κ B activation. <i>Theranostics</i> , 2020, 10, 2773-2790.	4.6	39
7	A straightforward LC-MS/MS analysis to study serum profile of short and medium chain fatty acids. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1154, 121982.	1.2	34
8	Novel ophthalmic formulation of myriocin: implications in retinitis pigmentosa. <i>Drug Delivery</i> , 2019, 26, 237-243.	2.5	28
9	Link between serum lipid signature and prognostic factors in COVID-19 patients. <i>Scientific Reports</i> , 2021, 11, 21633.	1.6	28
10	Functional Lipids in Autoimmune Inflammatory Diseases. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3074.	1.8	27
11	Curcumin Supplementation (Meriva [®]) Modulates Inflammation, Lipid Peroxidation and Gut Microbiota Composition in Chronic Kidney Disease. <i>Nutrients</i> , 2022, 14, 231.	1.7	27
12	Microfragmented human fat tissue is a natural scaffold for drug delivery: Potential application in cancer chemotherapy. <i>Journal of Controlled Release</i> , 2019, 302, 2-18.	4.8	26
13	Bioactive phytochemicals of tree nuts. Determination of the melatonin and sphingolipid content in almonds and pistachios. <i>Journal of Food Composition and Analysis</i> , 2019, 82, 103227.	1.9	25
14	Ten Years of Fentanyl-like Drugs: a Technical-analytical Review. <i>Analytical Sciences</i> , 2019, 35, 479-491.	0.8	25
15	An Innovative Lipidomic Workflow to Investigate the Lipid Profile in a Cystic Fibrosis Cell Line. <i>Cells</i> , 2020, 9, 1197.	1.8	24
16	The Italian panorama of cannabis light preparation: Determination of cannabinoids by LC-UV. <i>Forensic Science International</i> , 2020, 307, 110113.	1.3	23
17	Pioglitazone corrects dysregulation of skeletal muscle mitochondrial proteins involved in ATP synthesis in type 2 diabetes. <i>Metabolism: Clinical and Experimental</i> , 2021, 114, 154416.	1.5	23
18	The gut microbiota of environmentally enriched mice regulates visual cortical plasticity. <i>Cell Reports</i> , 2022, 38, 110212.	2.9	23

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19	LC-MS/MS-Based Profiling of Tryptophan-Related Metabolites in Healthy Plant Foods. <i>Molecules</i> , 2020, 25, 311.	1.7	19
20	Human breast milk as source of sphingolipids for newborns: comparison with infant formulas and commercial cow's milk. <i>Journal of Translational Medicine</i> , 2020, 18, 481.	1.8	18
21	Glycomacropptide Safety and Its Effect on Gut Microbiota in Patients with Phenylketonuria: A Pilot Study. <i>Nutrients</i> , 2022, 14, 1883.	1.7	18
22	Inhibition of Ceramide Synthesis Reduces α -Synuclein Proteinopathy in a Cellular Model of Parkinson's Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6469.	1.8	17
23	Sphingolipid Synthesis Inhibition by Myriocin Administration Enhances Lipid Consumption and Ameliorates Lipid Response to Myocardial Ischemia Reperfusion Injury. <i>Frontiers in Physiology</i> , 2019, 10, 986.	1.3	16
24	Differential Redox State and Iron Regulation in Chronic Obstructive Pulmonary Disease, Acute Respiratory Distress Syndrome and Coronavirus Disease 2019. <i>Antioxidants</i> , 2021, 10, 1460.	2.2	15
25	Phytocannabinoids Profile in Medicinal Cannabis Oils: The Impact of Plant Varieties and Preparation Methods. <i>Frontiers in Pharmacology</i> , 2020, 11, 570616.	1.6	15
26	Inflammatory role of extracellular sphingolipids in Cystic Fibrosis. <i>International Journal of Biochemistry and Cell Biology</i> , 2019, 116, 105622.	1.2	13
27	Screening of new psychoactive substances (NPS) by gas-chromatography/time of flight mass spectrometry (GC/MS-TOF) and application to 63 cases of judicial seizure. <i>Forensic Science International (Online)</i> , 2019, 1, 71-78.	0.6	13
28	Inhibition of Sphingolipid Synthesis as a Phenotype-Modifying Therapy in Cystic Fibrosis. <i>Cellular Physiology and Biochemistry</i> , 2019, 54, 110-125.	1.1	13
29	Fasting: How to Guide. <i>Nutrients</i> , 2021, 13, 1570.	1.7	12
30	Myriocin Effect on Trpm4 Retina, an Autosomal Dominant Pattern of Retinitis Pigmentosa. <i>Frontiers in Neuroscience</i> , 2020, 14, 372.	1.4	11
31	Efficacy and Safety of VisuEvo® and Cationorm® for the Treatment of Evaporative and Non-Evaporative Dry Eye Disease: A Multicenter, Double-Blind, Cross-Over, Randomized Clinical Trial. <i>Clinical Ophthalmology</i> , 2020, Volume 14, 1651-1663.	0.9	11
32	Myriocin modulates the altered lipid metabolism and storage in cystic fibrosis. <i>Cellular Signalling</i> , 2021, 81, 109928.	1.7	11
33	Plasma Lipid Profiling Contributes to Untangle the Complexity of Moyamoya Arteriopathy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13410.	1.8	11
34	Long and Very-Long-Chain Ceramides Correlate with A More Aggressive Behavior in Skull Base Chordoma Patients. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4480.	1.8	10
35	Determination of daptomycin in human plasma and breast milk by UPLC/MS-MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1116, 38-43.	1.2	10
36	Determination of polycyclic aromatic hydrocarbons in lipstick by gas-chromatography coupled to mass spectrometry: A case history. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 165, 386-392.	1.4	10

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37	Impact of Lipid Sources on Quality Traits of Medical Cannabis-Based Oil Preparations. <i>Molecules</i> , 2020, 25, 2986.	1.7	10
38	Determination of Cyanide by Microdiffusion Technique Coupled to Spectrophotometry and GC/NPD and Propofol by Fast GC/MS-TOF in a Case of Poisoning. <i>Journal of Analytical Toxicology</i> , 2018, 42, e51-e57.	1.7	9
39	High-Throughput Griess Assay of Nitrite and Nitrate in Plasma and Red Blood Cells for Human Physiology Studies under Extreme Conditions. <i>Molecules</i> , 2021, 26, 4569.	1.7	9
40	Determination of Methyl dibromoglutaronitrile (MDBGN) in Skin Care Products by Gas chromatography–Mass Spectrometry Employing an Enhanced Matrix Removal (EMR) Lipid Clean-up. <i>European Journal of Lipid Science and Technology</i> , 2018, 120, 1700525.	1.0	8
41	In-vitro and in-vivo metabolism of different aspirin formulations studied by a validated liquid chromatography tandem mass spectrometry method. <i>Scientific Reports</i> , 2021, 11, 10370.	1.6	8
42	Characterization of chemotype-dependent terpenoids profile in cannabis by headspace gas-chromatography coupled to time-of-flight mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 203, 114180.	1.4	8
43	An Update on Sphingolipidomics: Is Something Still Missing? Some Considerations on the Analysis of Complex Sphingolipids and Free-Sphingoid Bases in Plasma and Red Blood Cells. <i>Metabolites</i> , 2022, 12, 450.	1.3	8
44	Relationship between Fatty Acids Composition/Antioxidant Potential of Breast Milk and Maternal Diet: Comparison with Infant Formulas. <i>Molecules</i> , 2020, 25, 2910.	1.7	7
45	Tryptophan Derivatives by <i>Saccharomyces cerevisiae</i> EC1118: Evaluation, Optimization, and Production in a Soybean-Based Medium. <i>International Journal of Molecular Sciences</i> , 2021, 22, 472.	1.8	7
46	Unambiguous Characterization of p-Cresyl Sulfate, a Protein-Bound Uremic Toxin, as Biomarker of Heart and Kidney Disease. <i>Molecules</i> , 2019, 24, 3704.	1.7	6
47	Circulating Salicylic Acid and Metabolic Profile after 1-Year Nutritional “Behavioral Intervention in Children with Obesity. <i>Nutrients</i> , 2019, 11, 1091.	1.7	6
48	Daptomycin excretion into human milk. <i>British Journal of Clinical Pharmacology</i> , 2018, 84, 394-395.	1.1	5
49	Comparison of Different Analytical Methods for the Determination of Carbon Monoxide in Postmortem Blood. <i>Journal of Forensic Sciences</i> , 2020, 65, 636-640.	0.9	5
50	Discovery of Unexpected Sphingolipids in Almonds and Pistachios with an Innovative Use of Triple Quadrupole Tandem Mass Spectrometry. <i>Foods</i> , 2020, 9, 110.	1.9	5
51	Case Report: Microfragmented Adipose Tissue Drug Delivery in Canine Mesothelioma: A Case Report on Safety, Feasibility, and Clinical Findings. <i>Frontiers in Veterinary Science</i> , 2020, 7, 585427.	0.9	4
52	Single-Shot Local Injection of Microfragmented Fat Tissue Loaded with Paclitaxel Induces Potent Growth Inhibition of Hepatocellular Carcinoma in Nude Mice. <i>Cancers</i> , 2021, 13, 5505.	1.7	4
53	Development and Early Identification of Cannabis Chemotypes during the Plant Growth: Current Analytical and Chemometric Approaches. <i>Analytical Sciences</i> , 2021, 37, 1665-1673.	0.8	3
54	Spns2 Transporter Contributes to the Accumulation of S1P in Cystic Fibrosis Human Bronchial Epithelial Cells. <i>Biomedicines</i> , 2021, 9, 1121.	1.4	3

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55	Inside the Alterations of Circulating Metabolome in Antarctica: The Adaptation to Chronic Hypoxia. <i>Frontiers in Physiology</i> , 2022, 13, 819345.	1.3	3
56	Vitreous composition modification after transpalpebral electrical stimulation of the eye: Biochemical analysis. <i>Experimental Eye Research</i> , 2021, 207, 108601.	1.2	2
57	The Lipid Asset Is Unbalanced in Peripheral Nerve Sheath Tumors. <i>International Journal of Molecular Sciences</i> , 2022, 23, 61.	1.8	2
58	Focused Design of Novel Cyclic Peptides Endowed with GABARAP-Inhibiting Activity. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5070.	1.8	2
59	CA.ME.LI.A. An epidemiological study on the prevalence of Cardiovascular, MEtabolic, LIver and Autoimmune diseases in Northern Italy. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021, 31, 1416-1426.	1.1	1
60	Tip-tip filtration ameliorates single-phase extraction methods for plasma large-scale lipidomics analysis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2022, 1189, 123099.	1.2	1
61	Two cases of black human breast milk not related to minocycline. A sphingolipidomic approach. <i>Italian Journal of Food Science</i> , 2022, 34, 132-139.	1.5	0