

Patrycja Puchalska

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,895
citations

471371

17
h-index

552653

26
g-index

28
all docs

28
docs citations

28
times ranked

3212
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-dimensional Roles of Ketone Bodies in Fuel Metabolism, Signaling, and Therapeutics. <i>Cell Metabolism</i> , 2017, 25, 262-284.	7.2	965
2	Vegetable foods: A cheap source of proteins and peptides with antihypertensive, antioxidant, and other less occurrence bioactivities. <i>Talanta</i> , 2013, 106, 328-349.	2.9	143
3	Hepatocyte-Macrophage Acetoacetate Shuttle Protects against Tissue Fibrosis. <i>Cell Metabolism</i> , 2019, 29, 383-398.e7.	7.2	87
4	Mitochondrial pyruvate carriers are required for myocardial stress adaptation. <i>Nature Metabolism</i> , 2020, 2, 1248-1264.	5.1	87
5	Metabolic and Signaling Roles of Ketone Bodies in Health and Disease. <i>Annual Review of Nutrition</i> , 2021, 41, 49-77.	4.3	81
6	Isolation and Characterization of Peptides with Antihypertensive Activity in Foodstuffs. <i>Critical Reviews in Food Science and Nutrition</i> , 2015, 55, 521-551.	5.4	67
7	Isolation and identification of antioxidant peptides from commercial soybean-based infant formulas. <i>Food Chemistry</i> , 2014, 148, 147-154.	4.2	55
8	Isotope Tracing Untargeted Metabolomics Reveals Macrophage Polarization-State-Specific Metabolic Coordination across Intracellular Compartments. <i>IScience</i> , 2018, 9, 298-313.	1.9	53
9	Hepatic ketogenic insufficiency reprograms hepatic glycogen metabolism and the lipidome. <i>JCI Insight</i> , 2018, 3, .	2.3	51
10	Fractionation and identification of antioxidant and angiotensin-converting enzyme-inhibitory peptides obtained from plum (<i>Prunus domestica</i> L.) stones. <i>Journal of Functional Foods</i> , 2015, 19, 376-384.	1.6	35
11	Differential lipid metabolism in monocytes and macrophages: influence of cholesterol loading. <i>Journal of Lipid Research</i> , 2016, 57, 574-586.	2.0	34
12	Identification of native angiotensin-I converting enzyme inhibitory peptides in commercial soybean based infant formulas using HPLC-Q-ToF-MS. <i>Food Chemistry</i> , 2014, 157, 62-69.	4.2	31
13	Ketone body oxidation increases cardiac endothelial cell proliferation. <i>EMBO Molecular Medicine</i> , 2022, 14, e14753.	3.3	31
14	Determination of ketone bodies in biological samples via rapid UPLC-MS/MS. <i>Talanta</i> , 2021, 225, 122048.	2.9	24
15	Determination of Trigonelline in Seeds and Vegetable Oils by Capillary Electrophoresis as a Novel Marker for the Detection of Adulterations in Olive Oils. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 7489-7496.	2.4	23
16	Allergome characterization of the mosquito <i>Aedes aegypti</i> . <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2017, 72, 1499-1509.	2.7	23
17	Development of a high-performance liquid chromatography-electrospray ionization-quadrupole-time-of-flight-mass spectrometry methodology for the determination of three highly antihypertensive peptides in maize crops. <i>Journal of Chromatography A</i> , 2013, 1285, 69-77.	1.8	18
18	Diminished ketone interconversion, hepatic TCA cycle flux, and glucose production in D- ¹² -hydroxybutyrate dehydrogenase hepatocyte-deficient mice. <i>Molecular Metabolism</i> , 2021, 53, 101269.	3.0	17

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19	Development of a reversed-phase high-performance liquid chromatography analytical methodology for the determination of antihypertensive peptides in maize crops. <i>Journal of Chromatography A</i> , 2012, 1234, 64-71.	1.8	15
20	Development of a capillary high performance liquid chromatography-ion trap-mass spectrometry method for the determination of VLIVP antihypertensive peptide in soybean crops. <i>Journal of Chromatography A</i> , 2014, 1338, 85-91.	1.8	14
21	Enantioseparation of amino acids and hydroxy acids on ligand-exchange continuous beds by capillary electrochromatography. <i>Electrophoresis</i> , 2010, 31, 1517-1520.	1.3	12
22	Acute aerobic exercise reveals that FAHFAs distinguish the metabolomes of overweight and normal-weight runners. <i>JCI Insight</i> , 2022, 7, .	2.3	11
23	Artifactual FA dimers mimic FAHFA signals in untargeted metabolomics pipelines. <i>Journal of Lipid Research</i> , 2022, 63, 100201.	2.0	9
24	Application of Stable Isotope Labels for Metabolomics in Studies in Fatty Liver Disease. <i>Methods in Molecular Biology</i> , 2019, 1996, 259-272.	0.4	4
25	Ketogenic therapies for lymphedema?. <i>Nature Metabolism</i> , 2019, 1, 656-657.	5.1	3
26	Advances in the Determination of Bioactive Peptides in Foods. , 2017, , 24-53.		1
27	Food Traceability. , 2015, , 289-296.		0