

Antonio Checa

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

1,916
citations

318942

23
h-index

286692

43
g-index

47
all docs

47
docs citations

47
times ranked

4360
citing authors

#	ARTICLE	IF	CITATIONS
1	Oogenesis and lipid metabolism in the deep-sea sponge <i>Phakellia ventilabrum</i> (Linnaeus, 1767). <i>Scientific Reports</i> , 2022, 12, 6317.	1.6	8
2	Fat-Secreted Ceramides Regulate Vascular Redox State and Influence Outcomes in Patients With Cardiovascular Disease. <i>Journal of the American College of Cardiology</i> , 2021, 77, 2494-2513.	1.2	59
3	Glutamine Links Obesity to Inflammation in Human White Adipose Tissue. <i>Cell Metabolism</i> , 2020, 31, 375-390.e11.	7.2	128
4	Removal of nitrate and nitrite by hemodialysis in end-stage renal disease and by sustained low-efficiency dialysis in acute kidney injury. <i>Nitric Oxide - Biology and Chemistry</i> , 2020, 98, 33-40.	1.2	6
5	Targeted lipidomics reveals extensive changes in circulating lipid mediators in patients with acutely decompensated cirrhosis. <i>Journal of Hepatology</i> , 2020, 73, 817-828.	1.8	48
6	Therapeutic efficacy of dimethyl fumarate in relapsing-remitting multiple sclerosis associates with ROS pathway in monocytes. <i>Nature Communications</i> , 2019, 10, 3081.	5.8	97
7	Inhibition of mPGES-1 or COX-2 Results in Different Proteomic and Lipidomic Profiles in A549 Lung Cancer Cells. <i>Frontiers in Pharmacology</i> , 2019, 10, 636.	1.6	24
8	Effect of spironolactone for 1 yr on endothelial function and vascular inflammation biomarkers in renal transplant recipients. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 317, F529-F539.	1.3	12
9	Circulating Levels of Interferon Regulatory Factor-5 Associates With Subgroups of Systemic Lupus Erythematosus Patients. <i>Frontiers in Immunology</i> , 2019, 10, 1029.	2.2	11
10	Adipocyte Expression of SLC19A1 Links DNA Hypermethylation to Adipose Tissue Inflammation and Insulin Resistance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 710-721.	1.8	29
11	Cerebrospinal fluid levels of sphingolipids associate with disease severity in first episode psychosis patients. <i>Schizophrenia Research</i> , 2018, 199, 438-441.	1.1	8
12	The influence of culture media upon observed cell secretome metabolite profiles: The balance between cell viability and data interpretability. <i>Analytica Chimica Acta</i> , 2018, 1037, 338-350.	2.6	38
13	Increased Levels of Circulating Fatty Acids Are Associated with Protective Effects against Future Cardiovascular Events in Nondiabetics. <i>Journal of Proteome Research</i> , 2018, 17, 870-878.	1.8	13
14	Changes in arterial pressure and markers of nitric oxide homeostasis and oxidative stress following surgical correction of hydronephrosis in children. <i>Pediatric Nephrology</i> , 2018, 33, 639-649.	0.9	6
15	Soluble epoxide hydrolase derived lipid mediators are elevated in bronchoalveolar lavage fluid from patients with sarcoidosis: a cross-sectional study. <i>Respiratory Research</i> , 2018, 19, 236.	1.4	4
16	Data Analysis in Transcriptomics and Metabolomics Clinical Applications. <i>Comprehensive Analytical Chemistry</i> , 2018, 82, 613-641.	0.7	0
17	Effect of psychiatric drugs on <i>Daphnia magna</i> oxylipin profiles. <i>Science of the Total Environment</i> , 2018, 644, 1101-1109.	3.9	17
18	ERV1/ChemR23 Signaling Protects Against Atherosclerosis by Modifying Oxidized Low-Density Lipoprotein Uptake and Phagocytosis in Macrophages. <i>Circulation</i> , 2018, 138, 1693-1705.	1.6	106

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19	Metabolomics analysis identifies different metabotypes of asthma severity. <i>European Respiratory Journal</i> , 2017, 49, 1601740.	3.1	143
20	New insights into the effects of onion consumption on lipid mediators using a diet-induced model of hypercholesterolemia. <i>Redox Biology</i> , 2017, 11, 205-212.	3.9	22
21	Harmonizing lipidomics: NIST interlaboratory comparison exercise for lipidomics using SRM 1950â€™Metabolites in Frozen Human Plasma. <i>Journal of Lipid Research</i> , 2017, 58, 2275-2288.	2.0	312
22	Peritoneal dialysis impairs nitric oxide homeostasis and may predispose infants with low systolic blood pressure to cerebral ischemia. <i>Nitric Oxide - Biology and Chemistry</i> , 2016, 58, 1-9.	1.2	8
23	Genetic Abrogation of Adenosine A ₃ Receptor Prevents Uninephrectomy and High Saltâ€™Induced Hypertension. <i>Journal of the American Heart Association</i> , 2016, 5, .	1.6	25
24	Innate Invariant NKT Cell Recognition of HIV-1â€™Infected Dendritic Cells Is an Early Detection Mechanism Targeted by Viral Immune Evasion. <i>Journal of Immunology</i> , 2016, 197, 1843-1851.	0.4	20
25	Dietary nitrate improves age-related hypertension and metabolic abnormalities in rats via modulation of angiotensin II receptor signaling and inhibition of superoxide generation. <i>Free Radical Biology and Medicine</i> , 2016, 99, 87-98.	1.3	67
26	Ultra-high-performance liquid chromatography-high-resolution mass spectrometry based metabolomics as a strategy for beer characterization. <i>Journal of the Institute of Brewing</i> , 2016, 122, 430-436.	0.8	13
27	Arginase Inhibition Improves Microvascular Endothelial Function in Patients With Type 2 Diabetes Mellitus. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 3952-3958.	1.8	60
28	Told through the wine: A liquid chromatographyâ€™mass spectrometry interplatform comparison reveals the influence of the global approach on the final annotated metabolites in non-targeted metabolomics. <i>Journal of Chromatography A</i> , 2016, 1433, 90-97.	1.8	32
29	Circulating levels of sphingosine-1-phosphate are elevated in severe, but not mild psoriasis and are unresponsive to anti-TNF-Î± treatment. <i>Scientific Reports</i> , 2015, 5, 12017.	1.6	35
30	Lipid mediator profile in vernix caseosa reflects skin barrier development. <i>Scientific Reports</i> , 2015, 5, 15740.	1.6	15
31	Hexosylceramides as intrathecal markers of worsening disability in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2015, 21, 1271-1279.	1.4	43
32	Lipidomic data analysis: Tutorial, practical guidelines and applications. <i>Analytica Chimica Acta</i> , 2015, 885, 1-16.	2.6	95
33	Effects of long-term dietary nitrate supplementation in mice. <i>Redox Biology</i> , 2015, 5, 234-242.	3.9	54
34	Dietary nitrate reduces resting metabolic rate: a randomized, crossover study in humans. <i>American Journal of Clinical Nutrition</i> , 2014, 99, 843-850.	2.2	72
35	A3.28â€™...Screening of sphingolipids in SLE â€™ before and after treatment. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, A53.2-A53.	0.5	3
36	A9.6â€™...Effect of mPGES-1 targeting on lipid metabolism in human cells. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, A94.1-A94.	0.5	0

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37	Quantitative metabolic profiling of lipid mediators. <i>Molecular Nutrition and Food Research</i> , 2013, 57, 1359-1377.	1.5	24
38	Metabolomics and PDO. <i>Comprehensive Analytical Chemistry</i> , 2013, 60, 123-143.	0.7	5
39	Determination of Polyphenols in Spanish Wines by Capillary Zone Electrophoresis. Application to Wine Characterization by Using Chemometrics. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 8340-8349.	2.4	53
40	Combination of chromatographic and chemometric methods to study the interactions between DNA strands. <i>Analytica Chimica Acta</i> , 2012, 722, 34-42.	2.6	11
41	Classification and characterisation of Spanish red wines according to their appellation of origin based on chromatographic profiles and chemometric data analysis. <i>Food Chemistry</i> , 2012, 135, 1425-1431.	4.2	71
42	Determination of polyphenols in wines by liquid chromatography with UV spectrophotometric detection. <i>Journal of Separation Science</i> , 2011, 34, 527-535.	1.3	31
43	Determination of HIV drugs in biological matrices: A review. <i>Analytica Chimica Acta</i> , 2009, 647, 1-13.	2.6	20
44	Reversed-phase liquid chromatographic method with spectrophotometric detection for the determination of antiretroviral drugs. <i>Analytica Chimica Acta</i> , 2008, 616, 85-94.	2.6	15
45	Flow-injection determination of zidovudine in plasma samples using multivariate curve resolution. <i>Analytica Chimica Acta</i> , 2007, 592, 173-180.	2.6	6
46	Flow-injection spectrophotometric determination of reverse transcriptase inhibitors used for acquired immuno deficiency syndrome (AIDS) treatment. <i>Analytica Chimica Acta</i> , 2006, 572, 155-164.	2.6	27
47	Fast determination of pKa values of reverse transcriptase inhibitor drugs for AIDS treatment by using pH-gradient flow-injection analysis and multivariate curve resolution. <i>Analytica Chimica Acta</i> , 2005, 554, 177-183.	2.6	20