

Brian C Defelice

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1553550/publications.pdf>

Version: 2024-02-01

19
papers

1,735
citations

686830

13
h-index

794141

19
g-index

21
all docs

21
docs citations

21
times ranked

3323
citing authors

#	ARTICLE	IF	CITATIONS
1	LipidBlast in silico tandem mass spectrometry database for lipid identification. <i>Nature Methods</i> , 2013, 10, 755-758.	9.0	783
2	A metabolomics pipeline for the mechanistic interrogation of the gut microbiome. <i>Nature</i> , 2021, 595, 415-420.	13.7	198
3	Mass Spectral Feature List Optimizer (MS-FLO): A Tool To Minimize False Positive Peak Reports in Untargeted Liquid Chromatography–Mass Spectroscopy (LC-MS) Data Processing. <i>Analytical Chemistry</i> , 2017, 89, 3250-3255.	3.2	139
4	Chronic, Intermittent Microdoses of the Psychedelic <i>N,N</i> -Dimethyltryptamine (DMT) Produce Positive Effects on Mood and Anxiety in Rodents. <i>ACS Chemical Neuroscience</i> , 2019, 10, 3261-3270.	1.7	104
5	Diacetylspermine Is a Novel Prediagnostic Serum Biomarker for Non–Small-Cell Lung Cancer and Has Additive Performance With Pro-Surfactant Protein B. <i>Journal of Clinical Oncology</i> , 2015, 33, 3880-3886.	0.8	88
6	Metabolomic Markers of Altered Nucleotide Metabolism in Early Stage Adenocarcinoma. <i>Cancer Prevention Research</i> , 2015, 8, 410-418.	0.7	79
7	Investigation of Metabolomic Blood Biomarkers for Detection of Adenocarcinoma Lung Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2015, 24, 1716-1723.	1.1	58
8	Integrated Metabolomics and Proteomics Highlight Altered Nicotinamide- and Polyamine Pathways in Lung Adenocarcinoma. <i>Carcinogenesis</i> , 2017, 38, bgw205.	1.3	56
9	Early PQQ supplementation has persistent long-term protective effects on developmental programming of hepatic lipotoxicity and inflammation in obese mice. <i>FASEB Journal</i> , 2017, 31, 1434-1448.	0.2	45
10	Serum phosphatidylethanolamine levels distinguish benign from malignant solitary pulmonary nodules and represent a potential diagnostic biomarker for lung cancer. <i>Cancer Biomarkers</i> , 2016, 16, 609-617.	0.8	42
11	Proteomic profiling of lung adenocarcinoma indicates heightened DNA repair, antioxidant mechanisms and identifies LASP1 as a potential negative predictor of survival. <i>Clinical Proteomics</i> , 2016, 13, 31.	1.1	39
12	Metabolite-related dietary patterns and the development of islet autoimmunity. <i>Scientific Reports</i> , 2019, 9, 14819.	1.6	34
13	The oxylipin profile is associated with development of type 1 diabetes: the Diabetes Autoimmunity Study in the Young (DAISY). <i>Diabetologia</i> , 2021, 64, 1785-1794.	2.9	15
14	Rapid LC-MS/MS quantification of cancer related acetylated polyamines in human biofluids. <i>Talanta</i> , 2019, 196, 415-419.	2.9	14
15	Metabolomics-related nutrient patterns at seroconversion and risk of progression to type 1 diabetes. <i>Pediatric Diabetes</i> , 2020, 21, 1202-1209.	1.2	12
16	Predictors of oxylipins in a healthy pediatric population. <i>Pediatric Research</i> , 2021, 89, 1530-1540.	1.1	8
17	Utilizing cooled liquid chromatography and chemical derivatization to separate and quantify C3-epimers of 25-hydroxy vitamin D and low abundant 1 α ,25(OH) $_2$ D $_3$: Application in a pediatric population. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2020, 197, 105519.	1.2	5
18	Polyamine Metabolites as Biomarkers in Head and Neck Cancer Biofluids. <i>Diagnostics</i> , 2022, 12, 797.	1.3	5

#	ARTICLE	IF	CITATIONS
19	A Mediation Approach to Discovering Causal Relationships between the Metabolome and DNA Methylation in Type 1 Diabetes. <i>Metabolites</i> , 2021, 11, 542.	1.3	1