Brian C Defelice

List of Publications by Year in Descending Order

18 papers	**1,059** citations	**12** h-index	**21** g-index
21 ext. papers	**1,447** ext. citations	**7.7** avg, IF	**4.14** L-index

#	Paper	IF	Citations
18	The oxylipin profile is associated with development of type 1 diabetes: the Diabetes Autoimmunity Study in the Young (DAISY). *Diabetologia*, **2021**, 64, 1785-1794	10.3	2
17	Predictors of oxylipins in a healthy pediatric population. *Pediatric Research*, **2021**, 89, 1530-1540	3.2	3
16	A metabolomics pipeline for the mechanistic interrogation of the gut microbiome. *Nature*, **2021**, 595, 415-420	50.4	32
15	Utilizing cooled liquid chromatography and chemical derivatization to separate and quantify C3-epimers of 25-hydroxy vitamin D and low abundant 1,25(OH)D3: Application in a pediatric population. *Journal of Steroid Biochemistry and Molecular Biology*, **2020**, 197, 105519	5.1	2
14	Metabolomics-related nutrient patterns at seroconversion and risk of progression to type 1 diabetes. *Pediatric Diabetes*, **2020**, 21, 1202-1209	3.6	5
13	Chronic, Intermittent Microdoses of the Psychedelic ,-Dimethyltryptamine (DMT) Produce Positive Effects on Mood and Anxiety in Rodents. *ACS Chemical Neuroscience*, **2019**, 10, 3261-3270	5.7	49
12	Metabolite-related dietary patterns and the development of islet autoimmunity. *Scientific Reports*, **2019**, 9, 14819	4.9	19
11	Rapid LC-MS/MS quantification of cancer related acetylated polyamines in human biofluids. *Talanta* , **2019**, 196, 415-419	6.2	5
10	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. *Analytical Chemistry*, **2017**, 89, 3250-3255	7.8	85
9	Early PQQ supplementation has persistent long-term protective effects on developmental programming of hepatic lipotoxicity and inflammation in obese mice. *FASEB Journal*, **2017**, 31, 1434-1448	8.9	33
8	Integrated Metabolomics and Proteomics Highlight Altered Nicotinamide- and Polyamine Pathways in Lung Adenocarcinoma. *Carcinogenesis*, **2017**, 38, 271-280	4.6	42
7	Proteomic profiling of lung adenocarcinoma indicates heightened DNA repair, antioxidant mechanisms and identifies LASP1 as a potential negative predictor of survival. *Clinical Proteomics*, **2016**, 13, 31	5	26
6	Serum phosphatidylethanolamine levels distinguish benign from malignant solitary pulmonary nodules and represent a potential diagnostic biomarker for lung cancer. *Cancer Biomarkers*, **2016**, 16, 609-17	3.8	31
5	Investigation of metabolomic blood biomarkers for detection of adenocarcinoma lung cancer. *Cancer Epidemiology Biomarkers and Prevention*, **2015**, 24, 1716-23	4	44
4	Diacetylspermine Is a Novel Prediagnostic Serum Biomarker for Non-Small-Cell Lung Cancer and Has Additive Performance With Pro-Surfactant Protein B. *Journal of Clinical Oncology*, **2015**, 33, 3880-6	2.2	69
3	Metabolomic markers of altered nucleotide metabolism in early stage adenocarcinoma. *Cancer Prevention Research*, **2015**, 8, 410-8	3.2	59
2	LipidBlast in silico tandem mass spectrometry database for lipid identification. *Nature Methods*, **2013**, 10, 755-8	21.6	550

LIST OF PUBLICATIONS