Brian P Mooney

List of Publications by Year
in descending order

22	833	759233 12	713466 21
papers	citations	h-index	g-index

22	22	22	1348
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Deletion of Specific Conserved Motifs from the N-Terminal Domain of Î±B-Crystallin Results in the Activation of Chaperone Functions. International Journal of Molecular Sciences, 2022, 23, 1099.	4.1	0
2	Integrative proteomics and phosphoproteomics reveals phosphorylation networks involved in the maintenance and expression of embryogenic competence in sugarcane callus. Journal of Plant Physiology, 2022, 268, 153587.	3.5	3
3	Transdermal Delivery of High Molecular Weight Antibiotics to Deep Tissue Infections via Droplette Micromist Technology Device (DMTD). Pharmaceutics, 2022, 14, 976.	4.5	1
4	Label-Free Quantitative Phosphoproteomics Reveals Signaling Dynamics Involved in Embryogenic Competence Acquisition in Sugarcane. Journal of Proteome Research, 2020, 19, 4145-4157.	3.7	11
5	Quantitative Proteomic Analysis of Chikungunya Virus-Infected Aedes aegypti Reveals Proteome Modulations Indicative of Persistent Infection. Journal of Proteome Research, 2020, 19, 2443-2456.	3.7	15
6	Quantitative Proteomics Reveals Docosahexaenoic Acid-Mediated Neuroprotective Effects in Lipopolysaccharide-Stimulated Microglial Cells. Journal of Proteome Research, 2020, 19, 2236-2246.	3.7	11
7	Cell surface Thomsen-Friedenreich proteome profiling of metastatic prostate cancer cells reveals potential link with cancer stem cell-like phenotype. Oncotarget, 2017, 8, 98598-98608.	1.8	16
8	Quantitative Proteomics of Zea mays Hybrids Exhibiting Different Levels of Heterosis. Journal of Proteome Research, 2016, 15, 2445-2454.	3.7	10
9	Role of Î±A-crystallin-derived Î±A66-80 peptide in guinea pig lens crystallin aggregation and insolubilization. Experimental Eye Research, 2015, 132, 151-160.	2.6	8
10	A novel regulatory mechanism based upon a dynamic core structure for the mitochondrial pyruvate dehydrogenase complex?. Mitochondrion, 2014, 19, 144-153.	3.4	8
11	A proteomic analysis of liver after ethanol binge in chronically ethanol treated rats. Proteome Science, 2012, 10, 29.	1.7	26
12	Specific changes in total and mitochondrial proteomes are associated with higher levels of heterosis in maize hybrids. Plant Journal, 2012, 72, 70-83.	5.7	40
13	System Analysis of an Arabidopsis Mutant Altered in de Novo Fatty Acid Synthesis Reveals Diverse Changes in Seed Composition and Metabolism Â Â. Plant Physiology, 2009, 150, 27-41.	4.8	63
14	The second green revolution? Production of plant-based biodegradable plastics. Biochemical Journal, 2009, 418, 219-232.	3.7	189
15	Using quantitative proteomics of Arabidopsis roots and leaves to predict metabolic activity. Physiologia Plantarum, 2006, 128, 237-250.	5.2	53
16	High-throughput peptide mass fingerprinting of soybean seed proteins: automated workflow and utility of UniGene expressed sequence tag databases for protein identification. Phytochemistry, 2004, 65, 1733-1744.	2.9	135
17	Expression and assembly of Arabidopsis thaliana pyruvate dehydrogenase in insect cell cytoplasm. Protein Expression and Purification, 2003, 28, 357-361.	1.3	8
18	THECOMPLEXFATE OFÎ±-KETOACIDS. Annual Review of Plant Biology, 2002, 53, 357-375.	18.7	148

#	Article	IF	Citations
19	Developmental expression of the mitochondrial pyruvate dehydrogenase complex in pea (Pisum) Tj ETQq1 1 0.784314 rgBT /Overlock 1	5.2	21
20	The dihydrolipoyl acyltransferase (BCE2) subunit of the plant branchedâ€chain Î±â€ketoacid dehydrogenase complex forms a 24â€mer core with octagonal symmetry. Protein Science, 2000, 9, 1334-1339.	7.6	7
21	Histidine Modifying Agents Abolish Pyruvate Dehydrogenase Kinase Activity. Biochemical and Biophysical Research Communications, 2000, 267, 500-503.	2.1	19
22	Cloning and Characterization of the DihydrolipoamideS-Acetyltransferase Subunit of the Plastid Pyruvate Dehydrogenase Complex (E2) from Arabidopsis1. Plant Physiology, 1999, 120, 443-452.	4.8	41