Pei-Luen Jiang

List of Publications by Year
in descending order

21	482	623734 14	713466 21
papers	citations	h-index	g-index

21	21	21	524
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Agrobacterium tumefaciens Mediated Transformation of Symbiodinium spp.. Turkish Journal of Fisheries and Aquatic Sciences, 2021, 21, 291-298.	0.9	1
2	Identification and characterization of caleosin in Cycas revoluta pollen. Plant Signaling and Behavior, 2020, 15, 1779486.	2.4	3
3	Identification of an oleosin-like gene in seagrass seeds. Biotechnology Letters, 2017, 39, 1757-1763.	2.2	6
4	Identification of caleosin and oleosin in oil bodies of pine pollen. Plant Physiology and Biochemistry, 2017, 111, 20-29.	5.8	17
5	Identification of steroleosin in oil bodies of pine megagametophytes. Plant Physiology and Biochemistry, 2016, 101, 173-181.	5.8	19
6	The effect of temperature and nitrogen deprivation on cell morphology and physiology of Symbiodinium. Oceanologia, 2016, 58, 272-278.	2.2	18
7	Morphological Variability and Distinct Protein Profiles of Cultured and Endosymbiotic Symbiodinium cells Isolated from Exaiptasia pulchella. Scientific Reports, 2015, 5, 15353.	3.3	19
8	Nitrogen-Deprivation Elevates Lipid Levels in Symbiodinium spp. by Lipid Droplet Accumulation: Morphological and Compositional Analyses. PLoS ONE, 2014, 9, e87416.	2.5	56
9	Nutrient limitation in Auxenochlorella protothecoides induces qualitative changes of fatty acid and expression of caleosin as a membrane protein associated with oil bodies. Biotechnology Letters, 2014, 36, 175-180.	2.2	12
10	Identification of caleosin and two oleosin isoforms in oil bodies of pine megagametophytes. Plant Physiology and Biochemistry, 2014, 82, 142-150.	5.8	17
11	SLDP: a Novel Protein Related to Caleosin Is Associated with the Endosymbiotic Symbiodinium Lipid Droplets from Euphyllia glabrescens. Marine Biotechnology, 2014, 16, 560-571.	2.4	14
12	Nitrogen Deprivation Induces Lipid Droplet Accumulation and Alters Fatty Acid Metabolism in Symbiotic Dinoflagellates Isolated from Aiptasia pulchella. Scientific Reports, 2014, 4, 5777.	3.3	43
13	Assessment of metabolic modulation in free-living versus endosymbiotic Symbiodinium using synchrotron radiation-based infrared microspectroscopy. Biology Letters, 2012, 8, 434-437.	2.3	23
14	The same oleosin isoforms are present in oil bodies of rice embryo and aleurone layer while caleosin exists only in those of the embryo. Plant Physiology and Biochemistry, 2012, 60, 18-24.	5.8	17
15	A unique caleosin serving as the major integral protein in oil bodies isolated from Chlorella sp. cells cultured with limited nitrogen. Plant Physiology and Biochemistry, 2012, 61, 80-87.	5.8	55
16	Caleosin serves as the major structural protein as efficient as oleosin on the surface of seed oil bodies. Plant Signaling and Behavior, 2010, 5, 447-449.	2.4	43
17	Characterization of Oil Bodies in Adlay (Coix lachryma-jobi L). Bioscience, Biotechnology and Biochemistry, 2010, 74, 1841-1847.	1.3	12
18	Stable oil bodies sheltered by a unique caleosin in cycad megagametophytes. Plant Physiology and Biochemistry, 2009, 47, 1009-1016.	5.8	33

#	Article	IF	Citations
19	Characterization of oil bodies in jelly fig achenes. Plant Physiology and Biochemistry, 2008, 46, 525-532.	5.8	9
20	A Unique Caleosin in Oil Bodies of Lily Pollen. Plant and Cell Physiology, 2008, 49, 1390-1395.	3.1	25
21	Stable Oil Bodies Sheltered by a Unique Oleosin in Lily Pollen. Plant and Cell Physiology, 2007, 48, 812-821.	3.1	40