

Panneerselvam Vijayaraj

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

186
citations

1307594

7
h-index

1058476

14
g-index

16
all docs

16
docs citations

16
times ranked

256
citing authors

#	ARTICLE	IF	CITATIONS
1	Antihyperlipidemic activity of <i>Cassia auriculata</i> flowers in triton WR 1339 induced hyperlipidemic rats. <i>Experimental and Toxicologic Pathology</i> , 2013, 65, 135-141.	2.1	46
2	The Arabidopsis ABHD11 Mutant Accumulates Polar Lipids in Leaves as a Consequence of Absent Acylhydrolase Activity. <i>Plant Physiology</i> , 2015, 170, 180-193.	4.8	26
3	Cyanidin and cyanidin-3-glucoside derived from <i>Vigna unguiculata</i> act as noncompetitive inhibitors of pancreatic lipase. <i>Journal of Food Biochemistry</i> , 2019, 43, e12774.	2.9	21
4	A Bifunctional Enzyme That Has Both Monoacylglycerol Acyltransferase and Acyl Hydrolase Activities. <i>Plant Physiology</i> , 2012, 160, 667-683.	4.8	20
5	Functional Omics Identifies Serine Hydrolases That Mobilize Storage Lipids during Rice Seed Germination. <i>Plant Physiology</i> , 2020, 184, 693-708.	4.8	14
6	In vitro exposure of tobacco specific nitrosamines decreases the rat lung phospholipids by enhanced phospholipase A2 activity. <i>Toxicology in Vitro</i> , 2014, 28, 1097-1105.	2.4	12
7	Induction of acute respiratory distress syndrome in rats by lipopolysaccharide and its effect on oxidative stress and antioxidant status in lung. <i>Indian Journal of Biochemistry and Biophysics</i> , 2010, 47, 278-84.	0.0	10
8	Enhanced phospholipase B activity and alteration of phospholipids and neutral lipids in <i>Saccharomyces cerevisiae</i> exposed to N-nitrosornicotine. <i>Antonie Van Leeuwenhoek</i> , 2011, 99, 567-577.	1.7	6
9	Lipidome, nutraceuticals and nutritional profiling of <i>Pyrus pashia</i> Buch.-ham ex D. Don (Kainth) seeds oil and its antioxidant potential. <i>Food Chemistry</i> , 2021, 338, 128067.	8.2	6
10	Proteoform of Arabidopsis seed storage protein identified by functional proteomics approach exhibits acyl hydrolase activity during germination. <i>International Journal of Biological Macromolecules</i> , 2021, 172, 452-463.	7.5	6
11	Effect of lipopolysaccharide on alteration of phospholipids and their fatty acid composition in spleen and thymus by <i>in vitro</i> metabolic labeling. <i>Journal of Applied Toxicology</i> , 2013, 33, 418-425.	2.8	5
12	OsPLB gene expressed during seed germination encodes a phospholipase in rice. <i>3 Biotech</i> , 2020, 10, 30.	2.2	5
13	Activity-based protein profiling of rice (<i>Oryza sativa</i> L.) bran serine hydrolases. <i>Scientific Reports</i> , 2020, 10, 15191.	3.3	5
14	A solvent-free delipidation method for functional validation of lipases. <i>3 Biotech</i> , 2020, 10, 343.	2.2	3
15	Impaired phospholipid metabolism in <i>Saccharomyces cerevisiae</i> by increased phospholipase B activity induced by 4-(methyl nitrosamino)-1-(3-pyridyl)-1-butanone. <i>Toxicological and Environmental Chemistry</i> , 2011, 93, 700-714.	1.2	1
16	Activity-based Protein Profiling of Serine Hydrolase Superfamily Enzymes. <i>Bio-protocol</i> , 2022, 12, e4356.	0.4	0