

Swathi Banthiya

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10647028/publications.pdf>

Version: 2024-02-01

5
papers

600
citations

1684188

5
h-index

2053705

5
g-index

5
all docs

5
docs citations

5
times ranked

940
citing authors

#	ARTICLE	IF	CITATIONS
1	Mammalian lipoxygenases and their biological relevance. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2015, 1851, 308-330.	2.4	449
2	Structural and functional basis of phospholipid oxygenase activity of bacterial lipoxygenase from <i>Pseudomonas aeruginosa</i> . <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016, 1861, 1681-1692.	2.4	46
3	Specific oxygenation of plasma membrane phospholipids by <i>Pseudomonas aeruginosa</i> lipoxygenase induces structural and functional alterations in mammalian cells. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018, 1863, 152-164.	2.4	41
4	Secreted lipoxygenase from <i>Pseudomonas aeruginosa</i> exhibits biomembrane oxygenase activity and induces hemolysis in human red blood cells. <i>Archives of Biochemistry and Biophysics</i> , 2015, 584, 116-124.	3.0	38
5	The crystal structure of <i>Pseudomonas aeruginosa</i> lipoxygenase Ala420Gly mutant explains the improved oxygen affinity and the altered reaction specificity. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2017, 1862, 463-473.	2.4	26