

Montserrat Serra

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5042437/publications.pdf>

Version: 2024-02-01

9
papers

294
citations

1163117

8
h-index

1474206

9
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9
all docs

9
docs citations

9
times ranked

567
citing authors

#	ARTICLE	IF	CITATIONS
1	Sphingosine 1-phosphate lyase, a key regulator of sphingosine 1-phosphate signaling and function. <i>Advances in Enzyme Regulation</i> , 2010, 50, 349-362.	2.6	150
2	A multifunctional desaturase involved in the biosynthesis of the processionary moth sex pheromone. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 16444-16449.	7.1	46
3	Biosynthesis of 10,12-dienoic fatty acids by a bifunctional Δ^{11} desaturase in <i>Spodoptera littoralis</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2006, 36, 634-641.	2.7	29
4	Developmental effects of aerosols and coal burning particles in zebrafish embryos. <i>Environmental Pollution</i> , 2013, 178, 72-79.	7.5	19
5	Δ^{11} desaturases of <i>Trichoplusia ni</i> and <i>Spodoptera littoralis</i> exhibit dual catalytic behaviour. <i>Insect Biochemistry and Molecular Biology</i> , 2006, 36, 822-825.	2.7	14
6	Hair and skin sterols in normal mice and those with deficient dehydrosterol reductase (DHCR7), the enzyme associated with Smith-Lemli-Opitz syndrome. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2010, 122, 318-325.	2.5	12
7	Increasing cholesterol synthesis in 7-dehydrosterol reductase (DHCR7) deficient mouse models through gene transfer. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2010, 122, 303-309.	2.5	11
8	Biochemical and physiological improvement in a mouse model of Smith-Lemli-Opitz syndrome (SLOS) following gene transfer with AAV vectors. <i>Molecular Genetics and Metabolism Reports</i> , 2014, 1, 103-113.	1.1	9
9	Synthesis and Use of Deuterated Palmitic Acids to Decipher the Cryptoregiochemistry of a Δ^{13} Desaturation. <i>Journal of Organic Chemistry</i> , 2007, 72, 760-764.	3.2	4