

Donald D Anderson

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

12
papers

885
citations

10
h-index

12
g-index

12
ext. papers

1,021
ext. citations

5.9
avg, IF

4.11
L-index

#	Paper	IF	Citations
12	Three pools of plasma membrane cholesterol and their relation to cholesterol homeostasis. <i>ELife</i> , 2014 , 3,	8.9	192
11	Use of mutant 125I-perfringolysin O to probe transport and organization of cholesterol in membranes of animal cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 10580-5	11.5	92
10	Competition between sumoylation and ubiquitination of serine hydroxymethyltransferase 1 determines its nuclear localization and its accumulation in the nucleus. <i>Journal of Biological Chemistry</i> , 2012 , 287, 4790-9	5.4	50
9	Serine hydroxymethyltransferase anchors de novo thymidylate synthesis pathway to nuclear lamina for DNA synthesis. <i>Journal of Biological Chemistry</i> , 2012 , 287, 7051-62	5.4	84
8	Mthfs is an Essential Gene in Mice and a Component of the Purinosome. <i>Frontiers in Genetics</i> , 2011 , 2, 36	4.5	30
7	Identification of a de novo thymidylate biosynthesis pathway in mammalian mitochondria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 15163-8	11.5	109
6	Nuclear localization of de novo thymidylate biosynthesis pathway is required to prevent uracil accumulation in DNA. <i>Journal of Biological Chemistry</i> , 2011 , 286, 44015-44022	5.4	53
5	Regulation of de novo thymidylate biosynthesis by ubiquitination. <i>FASEB Journal</i> , 2010 , 24, 892.5	0.9	
4	SHMT1 and SHMT2 are functionally redundant in nuclear de novo thymidylate biosynthesis. <i>PLoS ONE</i> , 2009 , 4, e5839	3.7	126
3	The Roles of SUMO in Metabolic Regulation 2009 , 137-149		1
2	Evidence for small ubiquitin-like modifier-dependent nuclear import of the thymidylate biosynthesis pathway. <i>Journal of Biological Chemistry</i> , 2007 , 282, 17623-31	5.4	98
1	Small ubiquitin-like modifier-1 (SUMO-1) modification of thymidylate synthase and dihydrofolate reductase. <i>Clinical Chemistry and Laboratory Medicine</i> , 2007 , 45, 1760-3	5.9	50