

Donald D Anderson

List of Publications by Year in descending order

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12
papers

1,108
citations

932766

10
h-index

1372195

10
g-index

12
all docs

12
docs citations

12
times ranked

1735
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Three pools of plasma membrane cholesterol and their relation to cholesterol homeostasis. ELife, 2014, 3, . | 2.8 | 281 |
| 2 | SHMT1 and SHMT2 Are Functionally Redundant in Nuclear De novo Thymidylate Biosynthesis. PLoS ONE, 2009, 4, e5839. | 1.1 | 151 |
| 3 | Identification of a de novo thymidylate biosynthesis pathway in mammalian mitochondria. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 15163-15168. | 3.3 | 140 |
| 4 | Evidence for Small Ubiquitin-like Modifier-dependent Nuclear Import of the Thymidylate Biosynthesis Pathway*. Journal of Biological Chemistry, 2007, 282, 17623-17631. | 1.6 | 109 |
| 5 | Use of mutant ¹²⁵ I-Perfringolysin O to probe transport and organization of cholesterol in membranes of animal cells. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 10580-10585. | 3.3 | 108 |
| 6 | Serine Hydroxymethyltransferase Anchors de Novo Thymidylate Synthesis Pathway to Nuclear Lamina for DNA Synthesis. Journal of Biological Chemistry, 2012, 287, 7051-7062. | 1.6 | 106 |
| 7 | Nuclear Localization of de Novo Thymidylate Biosynthesis Pathway Is Required to Prevent Uracil Accumulation in DNA. Journal of Biological Chemistry, 2011, 286, 44015-44022. | 1.6 | 60 |
| 8 | Competition between Sumoylation and Ubiquitination of Serine Hydroxymethyltransferase 1 Determines Its Nuclear Localization and Its Accumulation in the Nucleus. Journal of Biological Chemistry, 2012, 287, 4790-4799. | 1.6 | 59 |
| 9 | Small ubiquitin-like modifier-1 (SUMO-1) modification of thymidylate synthase and dihydrofolate reductase. Clinical Chemistry and Laboratory Medicine, 2007, 45, 1760-3. | 1.4 | 57 |
| 10 | Mthfs is an Essential Gene in Mice and a Component of the Purinosome. Frontiers in Genetics, 2011, 2, 36. | 1.1 | 36 |
| 11 | The Roles of SUMO in Metabolic Regulation. , 2009, , 137-149. | | 1 |
| 12 | Regulation of de novo thymidylate biosynthesis by ubiquitination. FASEB Journal, 2010, 24, 892.5. | 0.2 | 0 |