

Laurel Mydock-McGrane

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3665065/publications.pdf>

Version: 2024-02-01

12
papers

1,072
citations

840776

11
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

2119
citing authors

#	ARTICLE	IF	CITATIONS
1	Lysosomal cholesterol activates mTORC1 via an SLC38A9–Niemann-Pick C1 signaling complex. <i>Science</i> , 2017, 355, 1306-1311.	12.6	386
2	Structural basis of Smoothed regulation by its extracellular domains. <i>Nature</i> , 2016, 535, 517-522.	27.8	300
3	Development of a bile acid–based newborn screen for Niemann-Pick disease type C. <i>Science Translational Medicine</i> , 2016, 8, 337ra63.	12.4	89
4	Antivirulence <i>C</i> -Mannosides as Antibiotic-Sparing, Oral Therapeutics for Urinary Tract Infections. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 9390-9408.	6.4	84
5	Photoaffinity labeling with cholesterol analogues precisely maps a cholesterol-binding site in voltage-dependent anion channel-1. <i>Journal of Biological Chemistry</i> , 2017, 292, 9294-9304.	3.4	54
6	Antivirulence Isoquinolone Mannosides: Optimization of the Biaryl Aglycone for FimH Lectin Binding Affinity and Efficacy in the Treatment of Chronic UTI. <i>ChemMedChem</i> , 2016, 11, 367-373.	3.2	53
7	Side-Chain Oxysterols Modulate Cholesterol Accessibility through Membrane Remodeling. <i>Biochemistry</i> , 2014, 53, 3042-3051.	2.5	30
8	Patched 1 regulates Smoothed by controlling sterol binding to its extracellular cysteine-rich domain. <i>Science Advances</i> , 2022, 8, .	10.3	19
9	Common binding sites for cholesterol and neurosteroids on a pentameric ligand-gated ion channel. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 128-136.	2.4	18
10	Synthesis of a Smoothed Cholesterol: 18,19-Di-nor-cholesterol. <i>Journal of Organic Chemistry</i> , 2014, 79, 5636-5643.	3.2	15
11	Synthesis and characterization of diazirine alkyne probes for the study of intracellular cholesterol trafficking. <i>Journal of Lipid Research</i> , 2019, 60, 707-716.	4.2	12
12	Eliminating the Roughness in Cholesterol’s $\hat{2}$ -Face: Does it Matter?. <i>Langmuir</i> , 2014, 30, 12114-12118.	3.5	11