

Olawale G Raimi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8513545/publications.pdf>

Version: 2024-02-01

16
papers

605
citations

759233

12
h-index

940533

16
g-index

20
all docs

20
docs citations

20
times ranked

937
citing authors

#	ARTICLE	IF	CITATIONS
1	N-myristoyltransferase inhibitors as new leads to treat sleeping sickness. <i>Nature</i> , 2010, 464, 728-732.	27.8	272
2	Structure of PINK1 and mechanisms of Parkinson's disease-associated mutations. <i>ELife</i> , 2017, 6, .	6.0	71
3	N-Myristoyltransferase Is a Cell Wall Target in <i>Aspergillus fumigatus</i> . <i>ACS Chemical Biology</i> , 2015, 10, 1425-1434.	3.4	38
4	Dual functionality of O-GlcNAc transferase is required for <i>Drosophila</i> development. <i>Open Biology</i> , 2015, 5, 150234.	3.6	32
5	Genetic and structural validation of <i>Aspergillus fumigatus</i> UDP-N-acetylglucosamine pyrophosphorylase as an antifungal target. <i>Molecular Microbiology</i> , 2013, 89, 479-493.	2.5	29
6	Structural and kinetic differences between human and <i>Aspergillus fumigatus</i> UDP-glucosamine-6-phosphate N-acetyltransferase. <i>Biochemical Journal</i> , 2008, 415, 217-223.	3.7	26
7	A Novel Allosteric Inhibitor of the Uridine Diphosphate N-Acetylglucosamine Pyrophosphorylase from <i>Trypanosoma brucei</i> . <i>ACS Chemical Biology</i> , 2013, 8, 1981-1987.	3.4	23
8	Genetic and structural validation of <i>Aspergillus fumigatus</i> N-acetylphosphoglucosamine mutase as an antifungal target. <i>Bioscience Reports</i> , 2013, 33, .	2.4	22
9	Mapping of a N-terminal α -helix domain required for human PINK1 stabilization, Serine228 autophosphorylation and activation in cells. <i>Open Biology</i> , 2022, 12, 210264.	3.6	21
10	A mechanism-inspired UDP-N-acetylglucosamine pyrophosphorylase inhibitor. <i>RSC Chemical Biology</i> , 2020, 1, 13-25.	4.1	20
11	Targeting a critical step in fungal hexosamine biosynthesis. <i>Journal of Biological Chemistry</i> , 2020, 295, 8678-8691.	3.4	16
12	Glucose-6-phosphate as a probe for the glucosamine-6-phosphate N-acetyltransferase Michaelis complex. <i>FEBS Letters</i> , 2007, 581, 5597-5600.	2.8	15
13	Evidence for substrate-assisted catalysis in N-acetylphosphoglucosamine mutase. <i>Biochemical Journal</i> , 2018, 475, 2547-2557.	3.7	7
14	Genetic and structural validation of phosphomannomutase as a cell wall target in <i>Aspergillus fumigatus</i> . <i>Molecular Microbiology</i> , 2021, 116, 245-259.	2.5	7
15	A missense mutation in a patient with developmental delay affects the activity and structure of the hexosamine biosynthetic pathway enzyme ACX1. <i>FEBS Letters</i> , 2021, 595, 110-122.	2.8	3
16	Genetic validation of <i>Aspergillus fumigatus</i> phosphoglucomutase as a viable therapeutic target in invasive aspergillosis. <i>Journal of Biological Chemistry</i> , 2022, 298, 102003.	3.4	3