

Marte I Flydal

List of Publications by Year in descending order

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15
papers

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840776

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17
all docs

17
docs citations

17
times ranked

617
citing authors

#	ARTICLE	IF	CITATIONS
1	Phenylalanine hydroxylase: Function, structure, and regulation. IUBMB Life, 2013, 65, 341-349.	3.4	145
2	Structure of full-length human phenylalanine hydroxylase in complex with tetrahydrobiopterin. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 11229-11234.	7.1	44
3	Brain catecholamine depletion and motor impairment in a <i>Th</i> knock-in mouse with type B tyrosine hydroxylase deficiency. Brain, 2015, 138, 2948-2963.	7.6	31
4	Arc self-association and formation of virus-like capsids are mediated by an N-terminal helical coil motif. FEBS Journal, 2021, 288, 2930-2955.	4.7	25
5	Stable preparations of tyrosine hydroxylase provide the solution structure of the full-length enzyme. Scientific Reports, 2016, 6, 30390.	3.3	24
6	Phenylalanine Hydroxylase from Legionella pneumophila Is a Thermostable Enzyme with a Major Functional Role in Pyomelanin Synthesis. PLoS ONE, 2012, 7, e46209.	2.5	24
7	Structural mechanism for tyrosine hydroxylase inhibition by dopamine and reactivation by Ser40 phosphorylation. Nature Communications, 2022, 13, 74.	12.8	23
8	The Host-Pathogen interaction of human cyclophilin A and HIV-1 Vpr requires specific N-terminal and novel C-terminal domains. BMC Structural Biology, 2011, 11, 49.	2.3	17
9	Regulation of tyrosine hydroxylase is preserved across different homo- and heterodimeric 14-3-3 proteins. Amino Acids, 2016, 48, 1221-1229.	2.7	16
10	Discovery of a Specific Inhibitor of Pyomelanin Synthesis in <i>Legionella pneumophila</i> . Journal of Medicinal Chemistry, 2015, 58, 8402-8412.	6.4	15
11	Superstoichiometric binding of L-Phe to phenylalanine hydroxylase from <i>Caenorhabditis elegans</i> : evolutionary implications. Amino Acids, 2010, 39, 1463-1475.	2.7	14
12	Levalbuterol lowers the feedback inhibition by dopamine and delays misfolding and aggregation in tyrosine hydroxylase. Biochimie, 2021, 183, 126-132.	2.6	9
13	Personalized Medicine to Improve Treatment of Dopa-Responsive Dystonia—A Focus on Tyrosine Hydroxylase Deficiency. Journal of Personalized Medicine, 2021, 11, 1186.	2.5	6
14	Differential scanning fluorimetry in the screening and validation of pharmacological chaperones for soluble and membrane proteins. , 2020, , 329-341.		3
15	Structural and dynamics studies of human phenylalanine hydroxylase, a highly regulated allosteric enzyme. Acta Crystallographica Section A: Foundations and Advances, 2016, 72, s239-s239.	0.1	0