

Francesco Marchesani

List of Publications by Year in descending order

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papers

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citations

1040056

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14
docs citations

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378
citing authors

#	ARTICLE	IF	CITATIONS
1	The NMDA receptor activation by α -serine and glycine is controlled by an astrocytic Phgdh-dependent serine shuttle. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 20736-20742.	7.1	89
2	The Energy Landscape of Human Serine Racemase. Frontiers in Molecular Biosciences, 2018, 5, 112.	3.5	28
3	The Greenland shark <i>Somniosus microcephalus</i> Hemoglobins and ligand-binding properties. PLoS ONE, 2017, 12, e0186181.	2.5	27
4	Targeting the Eph/Ephrin System as Anti-Inflammatory Strategy in IBD. Frontiers in Pharmacology, 2019, 10, 691.	3.5	22
5	Magnesium and calcium ions differentially affect human serine racemase activity and modulate its quaternary equilibrium toward a tetrameric form. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2017, 1865, 381-387.	2.3	17
6	Insight of Saffron Proteome by Gel-Electrophoresis. Molecules, 2016, 21, 167.	3.8	12
7	Human serine racemase is allosterically modulated by NADH and reduced nicotinamide derivatives. Biochemical Journal, 2016, 473, 3505-3516.	3.7	11
8	Human serine racemase is nitrosylated at multiple sites. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2018, 1866, 813-821.	2.3	11
9	Structural and functional properties of Antarctic fish cytoglobins-1: Cold-reactivity in multi-ligand reactions. Computational and Structural Biotechnology Journal, 2020, 18, 2132-2144.	4.1	10
10	The allosteric interplay between α -nitrosylation and glycine binding controls the activity of human serine racemase. FEBS Journal, 2021, 288, 3034-3054.	4.7	8
11	A Novel Assay for Phosphoserine Phosphatase Exploiting Serine Acetyltransferase as the Coupling Enzyme. Life, 2021, 11, 485.	2.4	5
12	Functional characterisation of the haemoglobins of the migratory notothenioid fish <i>Dissostichus eleginoides</i> . Hydrobiologia, 2015, 761, 315-333.	2.0	3
13	Human serine racemase is inhibited by glyceraldehyde 3-phosphate, but not by glyceraldehyde 3-phosphate dehydrogenase. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2021, 1869, 140544.	2.3	3
14	Human Serine Racemase Weakly Binds the Third PDZ Domain of PSD-95. International Journal of Molecular Sciences, 2022, 23, 4959.	4.1	1