

# Francesco Marchesani

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9281020/publications.pdf>

Version: 2024-02-01

14  
papers

247  
citations

1039880

9  
h-index

1058333

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

378  
citing authors

#	ARTICLE	IF	CITATIONS
1	The NMDA receptor activation by $\alpha$ -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.	3.3	89
2	The Energy Landscape of Human Serine Racemase. Frontiers in Molecular Biosciences, 2018, 5, 112.	1.6	28
3	The Greenland shark <i>Somniosus microcephalus</i> Hemoglobins and ligand-binding properties. PLoS ONE, 2017, 12, e0186181.	1.1	27
4	Targeting the Eph/Ephrin System as Anti-Inflammatory Strategy in IBD. Frontiers in Pharmacology, 2019, 10, 691.	1.6	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.	1.1	17
6	Insight of Saffron Proteome by Gel-Electrophoresis. Molecules, 2016, 21, 167.	1.7	12
7	Human serine racemase is allosterically modulated by NADH and reduced nicotinamide derivatives. Biochemical Journal, 2016, 473, 3505-3516.	1.7	11
8	Human serine racemase is nitrosylated at multiple sites. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2018, 1866, 813-821.	1.1	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.	1.9	10
10	The allosteric interplay between $\alpha$ -nitrosylation and glycine binding controls the activity of human serine racemase. FEBS Journal, 2021, 288, 3034-3054.	2.2	8
11	A Novel Assay for Phosphoserine Phosphatase Exploiting Serine Acetyltransferase as the Coupling Enzyme. Life, 2021, 11, 485.	1.1	5
12	Functional characterisation of the haemoglobins of the migratory notothenioid fish <i>Dissostichus eleginoides</i> . Hydrobiologia, 2015, 761, 315-333.	1.0	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.	1.1	3
14	Human Serine Racemase Weakly Binds the Third PDZ Domain of PSD-95. International Journal of Molecular Sciences, 2022, 23, 4959.	1.8	1