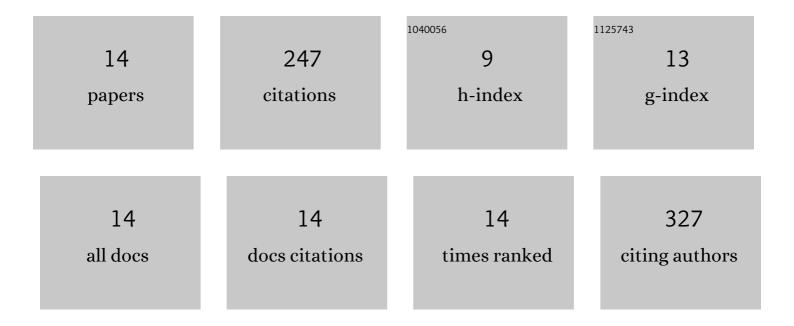
Agnes Rinaldo-Matthis

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Structures and mechanisms of enzymes in the leukotriene cascade. Biochimie, 2010, 92, 676-681.	2.6	50
2	Catalytic Characterization of Human Microsomal Glutathione <i>S</i> -Transferase 2: Identification of Rate-Limiting Steps. Biochemistry, 2013, 52, 1755-1764.	2.5	32
3	Arginine 104 Is a Key Catalytic Residue in Leukotriene C4 Synthase. Journal of Biological Chemistry, 2010, 285, 40771-40776.	3.4	30
4	A dynamic Asp–Arg interaction is essential for catalysis in microsomal prostaglandin E ₂ synthase. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 972-977.	7.1	27
5	Trimeric microsomal glutathione transferase 2 displays one third of the sites reactivity. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2015, 1854, 1365-1371.	2.3	19
6	A mutation interfering with 5-lipoxygenase domain interaction leads to increased enzyme activity. Archives of Biochemistry and Biophysics, 2014, 545, 179-185.	3.0	17
7	Pre-Steady-State Kinetic Characterization of Thiolate Anion Formation in Human Leukotriene C ₄ Synthase. Biochemistry, 2012, 51, 848-856.	2.5	16
8	Crystal structures of human MGST2 reveal synchronized conformational changes regulating catalysis. Nature Communications, 2021, 12, 1728.	12.8	15
9	Kinetic investigation of human 5-lipoxygenase with arachidonic acid. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 3547-3551.	2.2	10
10	Structure and Inhibition of Mouse Leukotriene C4 Synthase. PLoS ONE, 2014, 9, e96763.	2.5	10
11	Product formation controlled by substrate dynamics in leukotriene A4 hydrolase. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2014, 1844, 439-446.	2.3	8
12	Structural and Functional Analysis of Calcium Ion Mediated Binding of 5-Lipoxygenase to Nanodiscs. PLoS ONE, 2016, 11, e0152116.	2.5	8
13	Catalytic Conversion of Lipophilic Substrates by Phase constrained Enzymes in the Aqueous or in the Membrane Phase. Scientific Reports, 2016, 6, 38316.	3.3	4
14	Leukotriene A4 Hydrolase and Leukotriene C4 Synthase. , 2016, , 31-46.		1