

# Agnes Rinaldo-Matthis

## List of Publications by Year in descending order

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14  
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#	ARTICLE	IF	CITATIONS
1	Crystal structures of human MGST2 reveal synchronized conformational changes regulating catalysis. <i>Nature Communications</i> , 2021, 12, 1728.	5.8	15
2	Structural and Functional Analysis of Calcium Ion Mediated Binding of 5-Lipoxygenase to Nanodiscs. <i>PLoS ONE</i> , 2016, 11, e0152116.	1.1	8
3	A dynamic Asp <sup>64</sup> Arg interaction is essential for catalysis in microsomal prostaglandin E <sub>2</sub> synthase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 972-977.	3.3	27
4	Catalytic Conversion of Lipophilic Substrates by Phase constrained Enzymes in the Aqueous or in the Membrane Phase. <i>Scientific Reports</i> , 2016, 6, 38316.	1.6	4
5	Kinetic investigation of human 5-lipoxygenase with arachidonic acid. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 3547-3551.	1.0	10
6	Leukotriene A4 Hydrolase and Leukotriene C4 Synthase. , 2016, , 31-46.		1
7	Trimeric microsomal glutathione transferase 2 displays one third of the sites reactivity. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2015, 1854, 1365-1371.	1.1	19
8	A mutation interfering with 5-lipoxygenase domain interaction leads to increased enzyme activity. <i>Archives of Biochemistry and Biophysics</i> , 2014, 545, 179-185.	1.4	17
9	Product formation controlled by substrate dynamics in leukotriene A4 hydrolase. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2014, 1844, 439-446.	1.1	8
10	Structure and Inhibition of Mouse Leukotriene C4 Synthase. <i>PLoS ONE</i> , 2014, 9, e96763.	1.1	10
11	Catalytic Characterization of Human Microsomal Glutathione <i>S</i> -Transferase 2: Identification of Rate-Limiting Steps. <i>Biochemistry</i> , 2013, 52, 1755-1764.	1.2	32
12	Pre-Steady-State Kinetic Characterization of Thiolate Anion Formation in Human Leukotriene C <sub>4</sub> Synthase. <i>Biochemistry</i> , 2012, 51, 848-856.	1.2	16
13	Arginine 104 Is a Key Catalytic Residue in Leukotriene C4 Synthase. <i>Journal of Biological Chemistry</i> , 2010, 285, 40771-40776.	1.6	30
14	Structures and mechanisms of enzymes in the leukotriene cascade. <i>Biochimie</i> , 2010, 92, 676-681.	1.3	50