# Agnes Rinaldo-Matthis

List of Publications by Year
in descending order



| 14 | 247 | 1040056 9 | 1125743 13 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 14 | 14 | 14 | 327 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | 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 S-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 Aspâ€“Arg interaction is essential for catalysis in microsomal prostaglandin E <sub>2</sub> 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<sub>4</sub> 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 |