

Haiyan Chu

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

1,006
citations

1040056

9
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

1006
citing authors

#	ARTICLE	IF	CITATIONS
1	Assembly and regulation of a glycolytic enzyme complex on the human erythrocyte membrane. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 2402-2407.	7.1	348
2	Adducin forms a bridge between the erythrocyte membrane and its cytoskeleton and regulates membrane cohesion. Blood, 2009, 114, 1904-1912.	1.4	127
3	Mapping of glycolytic enzyme-binding sites on human erythrocyte band 3. Biochemical Journal, 2006, 400, 143-151.	3.7	124
4	Characterization of the deoxyhemoglobin binding site on human erythrocyte band 3: implications for O ₂ regulation of erythrocyte properties. Blood, 2008, 111, 932-938.	1.4	107
5	Identification of the Components of a Glycolytic Enzyme Metabolon on the Human Red Blood Cell Membrane. Journal of Biological Chemistry, 2013, 288, 848-858.	3.4	102
6	Characterization of glycolytic enzyme interactions with murine erythrocyte membranes in wild-type and membrane protein knockout mice. Blood, 2008, 112, 3900-3906.	1.4	87
7	Reversible binding of hemoglobin to band 3 constitutes the molecular switch that mediates O ₂ regulation of erythrocyte properties. Blood, 2016, 128, 2708-2716.	1.4	70
8	Interaction of Deoxyhemoglobin with the Cytoplasmic Domain of Murine Erythrocyte Band 3. Biochemistry, 2012, 51, 3264-3272.	2.5	21
9	Fluorescence assay of the interaction between hemoglobin and the cytoplasmic domain of erythrocyte membrane band 3. Blood Cells, Molecules, and Diseases, 2015, 55, 266-271.	1.4	11
10	Identification of adducin-binding residues on the cytoplasmic domain of erythrocyte membrane protein, band 3. Biochemical Journal, 2016, 473, 3147-3158.	3.7	7
11	Localization and Functional Characterization of the Deoxyhemoglobin Binding Site on Human Erythrocyte Band 3.. Blood, 2007, 110, 140-140.	1.4	2