

# John S Gibson

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

326  
citations

759233

12  
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839539

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24  
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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Deoxygenation-induced and Ca <sup>2+</sup> dependent phosphatidylserine externalisation in red blood cells from normal individuals and sickle cell patients. <i>Cell Calcium</i> , 2012, 51, 51-56.	2.4	78
2	Oxygen sensitivity of red cell membrane transporters revisited. <i>Bioelectrochemistry</i> , 2004, 62, 153-158.	4.6	27
3	Oxidative stress and phosphatidylserine exposure in red cells from patients with sickle cell anaemia. <i>British Journal of Haematology</i> , 2018, 182, 567-578.	2.5	26
4	Effects of 5-hydroxymethyl-2-furfural on the volume and membrane permeability of red blood cells from patients with sickle cell disease. <i>Journal of Physiology</i> , 2014, 592, 4039-4049.	2.9	23
5	The Effect of Antioxidants on the Properties of Red Blood Cells From Patients With Sickle Cell Anemia. <i>Frontiers in Physiology</i> , 2019, 10, 976.	2.8	21
6	How benign is sickle cell trait?. <i>EBioMedicine</i> , 2016, 11, 21-22.	6.1	20
7	The clinical significance of K-Cl cotransport activity in red cells of patients with HbSC disease. <i>Haematologica</i> , 2015, 100, 595-600.	3.5	18
8	Effect of Intracellular Magnesium and Oxygen Tension on K <sup>+</sup> -Cl <sup>-</sup> Cotransport in Normal and Sickle Human Red Cells. <i>Cellular Physiology and Biochemistry</i> , 2006, 17, 121-128.	1.6	17
9	Regulation of erythrocyte Na <sup>+</sup> /K <sup>+</sup> /2Cl <sup>-</sup> cotransport by an oxygen-switched kinase cascade. <i>Journal of Biological Chemistry</i> , 2019, 294, 2519-2528.	3.4	16
10	Early Markers of Sickle Nephropathy in Children With Sickle Cell Anemia Are Associated With Red Cell Cation Transport Activity. <i>HemaSphere</i> , 2017, 1, e2.	2.7	14
11	The effect of oxygen tension on calcium homeostasis in bovine articular chondrocytes. <i>Journal of Orthopaedic Surgery and Research</i> , 2010, 5, 27.	2.3	13
12	Modulation of Gardos channel activity by oxidants and oxygen tension: effects of 1-chloro-2,4-dinitrobenzene and phenazine methosulphate. <i>Bioelectrochemistry</i> , 2004, 62, 147-152.	4.6	12
13	K <sup>+</sup> -Cl <sup>-</sup> Cotransport in Vertebrate Red Cells. , 2003, , 197-220.		12
14	Effect of Phenazine Methosulphate on K <sup>+</sup> Transport in Human red Cells. <i>Cellular Physiology and Biochemistry</i> , 2003, 13, 329-336.	1.6	7
15	The effect of the antisickling compound GBT1118 on the permeability of red blood cells from patients with sickle cell anemia. <i>Physiological Reports</i> , 2019, 7, e14027.	1.7	7
16	The super sickling haemoglobin HbS <sup>Man</sup> : a study of red cell sickling, K <sup>+</sup> permeability and associations with disease severity in patients heterozygous for HbA and HbS <sup>Man</sup> (HbA/S <sup>Man</sup> ) <i>TJ ETQq0 0 Org BT /Overlock 10 T</i>		
17	The role of WNK in modulation of KCl cotransport activity in red cells from normal individuals and patients with sickle cell anaemia. <i>Pflugers Archiv European Journal of Physiology</i> , 2019, 471, 1539-1549.	2.8	4
18	Nocturnal enuresis and K <sup>+</sup> transport in red blood cells from patients with sickle cell anemia. <i>Haematologica</i> , 2016, 101, e469-e472.	3.5	3

#	ARTICLE	IF	CITATIONS
19	The effect of xanthine oxidase and hypoxanthine on the permeability of red cells from patients with sickle cell anemia. <i>Physiological Reports</i> , 2018, 6, e13626.	1.7	2
20	A novel mechanism for pathogenesis of sickle cell disease with therapeutic implications: Band 3 tyrosine phosphorylation. <i>British Journal of Haematology</i> , 2020, 190, 488-489.	2.5	1
21	Pathophysiological Relevance of Renal Medullary Conditions on the Behaviour of Red Cells From Patients With Sickle Cell Anaemia. <i>Frontiers in Physiology</i> , 2021, 12, 653545.	2.8	1