

# Michele Samaja

## List of Publications by Citations

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133  
papers

2,820  
citations

31  
h-index

45  
g-index

143  
ext. papers

3,171  
ext. citations

4.4  
avg, IF

4.78  
L-index

#	Paper	IF	Citations
133	Long-term use of sildenafil in the therapeutic management of heart failure. <i>Journal of the American College of Cardiology</i> , <b>2007</b> , 50, 2136-44	15.1	256
132	Faster adjustment of O <sub>2</sub> delivery does not affect V(O <sub>2</sub> ) on-kinetics in isolated in situ canine muscle. <i>Journal of Applied Physiology</i> , <b>1998</b> , 85, 1394-403	3.7	208
131	A peptide inhibitor of c-Jun NH <sub>2</sub> -terminal kinase reduces myocardial ischemia-reperfusion injury and infarct size in vivo. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2007</b> , 292, H1828-35	5.2	89
130	CO-MP4, a polyethylene glycol-conjugated haemoglobin derivative and carbon monoxide carrier that reduces myocardial infarct size in rats. <i>British Journal of Pharmacology</i> , <b>2008</b> , 154, 1649-61	8.6	60
129	Metabolic modulation induced by chronic hypoxia in rats using a comparative proteomic analysis of skeletal muscle tissue. <i>Journal of Proteome Research</i> , <b>2007</b> , 6, 1974-84	5.6	59
128	Apelin-13 limits infarct size and improves cardiac postischemic mechanical recovery only if given after ischemia. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2011</b> , 300, H2308-15	5.2	56
127	Chronic and intermittent hypoxia induce different degrees of myocardial tolerance to hypoxia-induced dysfunction. <i>Experimental Biology and Medicine</i> , <b>2002</b> , 227, 389-97	3.7	56
126	Mild exercise training, cardioprotection and stress genes profile. <i>European Journal of Applied Physiology</i> , <b>2007</b> , 99, 503-10	3.4	55
125	Chronic hypoxia: a model for cyanotic congenital heart defects. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2002</b> , 124, 105-12	1.5	54
124	Oxidation and haem loss kinetics of poly(ethylene glycol)-conjugated haemoglobin (MP4): dissociation between in vitro and in vivo oxidation rates. <i>Biochemical Journal</i> , <b>2006</b> , 399, 463-71	3.8	53
123	Acid-base balance at exercise in normoxia and in chronic hypoxia. Revisiting the "lactate paradox". <i>European Journal of Applied Physiology</i> , <b>2003</b> , 90, 431-48	3.4	53
122	Effects of apelin on the cardiovascular system. <i>Heart Failure Reviews</i> , <b>2015</b> , 20, 505-18	5	52
121	Oxygen transport in blood at high altitude: role of the hemoglobin-oxygen affinity and impact of the phenomena related to hemoglobin allosterism and red cell function. <i>European Journal of Applied Physiology</i> , <b>2003</b> , 90, 351-9	3.4	51
120	Carbamylated erythropoietin ameliorates the metabolic stress induced in vivo by severe chronic hypoxia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 17531-6	11.5	45
119	Antitumour activity of melatonin in a mouse model of human prostate cancer: relationship with hypoxia signalling. <i>Journal of Pineal Research</i> , <b>2014</b> , 57, 43-52	10.4	44
118	Simultaneous determination of purine nucleotides, their metabolites and beta-nicotinamide adenine dinucleotide in cerebellar granule cells by ion-pair high performance liquid chromatography. <i>Brain Research Protocols</i> , <b>2003</b> , 10, 168-74		43
117	Inhibition of ceramide de novo synthesis as a postischemic strategy to reduce myocardial reperfusion injury. <i>Basic Research in Cardiology</i> , <b>2016</b> , 111, 12	11.8	42

116	The role of PDE5-inhibitors in cardiopulmonary disorders: from basic evidence to clinical development. <i>Current Medicinal Chemistry</i> , <b>2007</b> , 14, 2181-91	4.3	40
115	Glycosylated haemoglobins and the oxygen affinity of whole blood. <i>Diabetologia</i> , <b>1982</b> , 23, 399-402	10.3	39
114	Erythropoietin $\beta$ inhibiting impact on hepcidin expression occurs indirectly. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2015</b> , 308, R330-5	3.2	37
113	Kinetics of NO and O <sub>2</sub> binding to a maleimide poly(ethylene glycol)-conjugated human haemoglobin. <i>Biochemical Journal</i> , <b>2004</b> , 382, 183-9	3.8	37
112	Phosphodiesterase-5 inhibition abolishes neuron apoptosis induced by chronic hypoxia independently of hypoxia-inducible factor-1 $\alpha$ signaling. <i>Experimental Biology and Medicine</i> , <b>2008</b> , 233, 1222-30	3.7	36
111	Bioenergetics of contracting skeletal muscle after partial reduction of blood flow. <i>Journal of Applied Physiology</i> , <b>1998</b> , 84, 1882-8	3.7	35
110	Comparative Response of Brain to Chronic Hypoxia and Hyperoxia. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	33
109	Chronic in vivo hypoxia in various organs: hypoxia-inducible factor-1 $\alpha$ and apoptosis. <i>Biochemical and Biophysical Research Communications</i> , <b>2006</b> , 342, 875-80	3.4	33
108	The separate effects of H <sup>+</sup> and 2,3-DPG on the oxygen equilibrium curve of human blood. <i>British Journal of Haematology</i> , <b>1979</b> , 41, 373-81	4.5	33
107	Autophagy in Normal and Abnormal Early Human Pregnancies. <i>Reproductive Sciences</i> , <b>2015</b> , 22, 838-44	3	32
106	Erythropoietin as a Neuroprotective Molecule: An Overview of Its Therapeutic Potential in Neurodegenerative Diseases. <i>ASN Neuro</i> , <b>2019</b> , 11, 1759091419871420	5.3	31
105	Brain adaptation to hypoxia and hyperoxia in mice. <i>Redox Biology</i> , <b>2017</b> , 11, 12-20	11.3	31
104	Effects of trimetazidine on metabolic and functional recovery of postischemic rat hearts. <i>Cardiovascular Drugs and Therapy</i> , <b>1998</b> , 12, 543-9	3.9	31
103	Hypoxia: unique myocardial morphology?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2004</b> , 127, 1301-8		31
102	Protein modulation in mouse heart under acute and chronic hypoxia. <i>Proteomics</i> , <b>2011</b> , 11, 4202-17	4.8	28
101	Functional and metabolic effects of propionyl-L-carnitine in the isolated perfused hypertrophied rat heart. <i>Molecular and Cellular Biochemistry</i> , <b>1992</b> , 116, 139-45	4.2	28
100	Partial persistence of exercise-induced myocardial angiogenesis following 4-week detraining in the rat. <i>Histochemistry and Cell Biology</i> , <b>2008</b> , 129, 479-87	2.4	27
99	Oxidative injury in reoxygenated and reperfused hearts. <i>Free Radical Biology and Medicine</i> , <b>1994</b> , 16, 255-62	7.8	27

98	The role of 2,3-DPG in the oxygen transport at altitude. <i>Respiration Physiology</i> , <b>1986</b> , 64, 191-202		27
97	Myocardial tolerance to ischemia-reperfusion injury, training intensity and cessation. <i>European Journal of Applied Physiology</i> , <b>2011</b> , 111, 859-68	3.4	25
96	Expression of carbohydrate-antigen sialyl-Lewis a on colon cancer cells promotes xenograft growth and angiogenesis in nude mice. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2013</b> , 45, 2796-800	5.6	23
95	Cellular distribution of Hsp70 expression in rat skeletal muscles. Effects of moderate exercise training and chronic hypoxia. <i>Cell Stress and Chaperones</i> , <b>2008</b> , 13, 483-95	4	23
94	In vivo hyperoxia induces hypoxia-inducible factor-1 $\alpha$ overexpression in LNCaP tumors without affecting the tumor growth rate. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2014</b> , 51, 65-74	5.6	22
93	F0F1 ATP synthase activity is differently modulated by coronary reactive hyperemia before and after ischemic preconditioning in the goat. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2004</b> , 287, H2192-200	5.2	22
92	Chronic systemic hypoxia promotes LNCaP prostate cancer growth in vivo. <i>Prostate</i> , <b>2010</b> , 70, 1243-54	4.2	21
91	Impact of the phosphatidylinositide 3-kinase signaling pathway on the cardioprotection induced by intermittent hypoxia. <i>PLoS ONE</i> , <b>2013</b> , 8, e76659	3.7	20
90	Phosphodiesterase-5 inhibition mimics intermittent reoxygenation and improves cardioprotection in the hypoxic myocardium. <i>PLoS ONE</i> , <b>2011</b> , 6, e27910	3.7	20
89	Gene expression profile of rat left ventricles reveals persisting changes following chronic mild exercise protocol: implications for cardioprotection. <i>BMC Genomics</i> , <b>2009</b> , 10, 342	4.5	20
88	Regulation of bioenergetics in O <sub>2</sub> -limited isolated rat hearts. <i>Journal of Applied Physiology</i> , <b>1994</b> , 77, 2530-6	3.7	20
87	In vivo up-regulation of the unfolded protein response after hypoxia. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2012</b> , 1820, 900-6	4	19
86	TCA cycle rewiring fosters metabolic adaptation to oxygen restriction in skeletal muscle from rodents and humans. <i>Scientific Reports</i> , <b>2017</b> , 7, 9723	4.9	18
85	Blood gas transport at high altitude. <i>Respiration</i> , <b>1997</b> , 64, 422-8	3.7	18
84	Amino acid- and lipid-induced insulin resistance in rat heart: molecular mechanisms. <i>Molecular and Cellular Endocrinology</i> , <b>2002</b> , 190, 135-45	4.4	18
83	Human red blood cell aging at 5,050-m altitude: a role during adaptation to hypoxia. <i>Journal of Applied Physiology</i> , <b>1993</b> , 75, 1696-701	3.7	18
82	Supplementation of creatine and ribose prevents apoptosis in ischemic cardiomyocytes. <i>Cellular Physiology and Biochemistry</i> , <b>2010</b> , 26, 831-8	3.9	17
81	Brief reoxygenation episodes during chronic hypoxia enhance posthypoxic recovery of LV function: role of mitogen-activated protein kinase signaling pathways. <i>Basic Research in Cardiology</i> , <b>2006</b> , 101, 336-45	11.8	17

80	Effect of contraction frequency on the contractile and noncontractile phases of muscle venous blood flow. <i>Journal of Applied Physiology</i> , <b>2003</b> , 95, 1139-44	3.7	17
79	Gestational diabetes affects fetal autophagy. <i>Placenta</i> , <b>2017</b> , 55, 90-93	3.4	16
78	Cytochrome c oxidase expression in chronic and intermittent hypoxia rat gastrocnemius muscle quantitated by CE. <i>Electrophoresis</i> , <b>2006</b> , 27, 3897-903	3.6	16
77	Myocardial impairment in chronic hypoxia is abolished by short aeration episodes: involvement of K <sup>+</sup> ATP channels. <i>Experimental Biology and Medicine</i> , <b>2004</b> , 229, 1196-205	3.7	16
76	The Impact of Moderate Chronic Hypoxia and Hyperoxia on the Level of Apoptotic and Autophagic Proteins in Myocardial Tissue. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2018</b> , 2018, 5786742	6.7	16
75	Autophagy and human parturition: evaluation of LC3 expression in placenta from spontaneous or medically induced onset of labor. <i>BioMed Research International</i> , <b>2013</b> , 2013, 689768	3	15
74	Phosphorylation of phosphatidylinositol-3-kinase-protein kinase B and extracellular signal-regulated kinases 1/2 mediate reoxygenation-induced cardioprotection during hypoxia. <i>Experimental Biology and Medicine</i> , <b>2010</b> , 235, 401-10	3.7	14
73	Daily reoxygenation decreases myocardial injury and improves post-ischaemic recovery after chronic hypoxia. <i>European Journal of Cardio-thoracic Surgery</i> , <b>2010</b> , 37, 942-9	3	14
72	Xanthine oxido-reductase activity in ischemic human and rat intestine. <i>Free Radical Research</i> , <b>2004</b> , 38, 919-25	4	14
71	Triglycerides impair postischemic recovery in isolated hearts: roles of endothelin-1 and trimetazidine. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2001</b> , 281, H1122-30	5.2	14
70	Myocardial metabolism and function in acutely ischemic and hypoxemic isolated rat hearts. <i>Journal of Molecular and Cellular Cardiology</i> , <b>1995</b> , 27, 1213-8	5.8	14
69	Lack of acclimatization to chronic hypoxia in humans in the Antarctica. <i>Scientific Reports</i> , <b>2017</b> , 7, 18090	4.9	13
68	Human red cell age, oxygen affinity and oxygen transport. <i>Respiration Physiology</i> , <b>1990</b> , 79, 69-79		13
67	Oxygen affinity in the blood of sheep. <i>Respiration Physiology</i> , <b>1978</b> , 34, 385-92		13
66	Heart HIF-1alpha and MAP kinases during hypoxia: are they associated in vivo?. <i>Experimental Biology and Medicine</i> , <b>2007</b> , 232, 887-94	3.7	13
65	Differential depression of myocardial function and metabolism by lactate and H <sup>+</sup> . <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>1999</b> , 276, H3-8	5.2	12
64	Influence of capillary and tissue PO <sub>2</sub> on carbon monoxide binding to myoglobin: a theoretical evaluation. <i>Microvascular Research</i> , <b>1980</b> , 20, 81-7	3.7	12
63	Hyperoxia and oxidative stress in anesthesia and critical care medicine. <i>Minerva Anestesiologica</i> , <b>2020</b> , 86, 64-75	1.9	12

62	Understanding the heart-brain axis response in COVID-19 patients: A suggestive perspective for therapeutic development. <i>Pharmacological Research</i> , <b>2021</b> , 168, 105581	10.2	12
61	Mitochondrial Metabolism as Target of the Neuroprotective Role of Erythropoietin in Parkinson's Disease. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	12
60	Enhanced brain release of erythropoietin, cytokines and NO during carotid clamping. <i>Neurological Sciences</i> , <b>2016</b> , 37, 243-52	3.5	11
59	Sildenafil attenuates hypoxic pulmonary remodelling by inhibiting bone marrow progenitor cells. <i>Journal of Cellular and Molecular Medicine</i> , <b>2017</b> , 21, 871-880	5.6	11
58	Effects of broad band electromagnetic fields on HSP70 expression and ischemia-reperfusion in rat hearts. <i>Life Sciences</i> , <b>2004</b> , 75, 1925-36	6.8	11
57	Blood oxygen affinity in large white pig. <i>Experientia</i> , <b>1983</b> , 39, 1352-3		11
56	Altered Venous Blood Nitric Oxide Levels at Depth and Related Bubble Formation During Scuba Diving. <i>Frontiers in Physiology</i> , <b>2019</b> , 10, 57	4.6	10
55	Low-flow ischemia and hypoxia stimulate apoptosis in perfused hearts independently of reperfusion. <i>Cellular Physiology and Biochemistry</i> , <b>2002</b> , 12, 39-46	3.9	10
54	Red cell aging and active calcium transport. <i>Experimental Gerontology</i> , <b>1990</b> , 25, 279-86	4.5	10
53	Prediction of the oxygenation of human organs at varying blood oxygen carrying properties. <i>Respiration Physiology</i> , <b>1988</b> , 72, 211-7		10
52	Impact of acellular hemoglobin-based oxygen carriers on brain apoptosis in rats. <i>Transfusion</i> , <b>2014</b> , 54, 2045-54	2.9	9
51	Hypoxia-dependent protein expression: erythropoietin. <i>High Altitude Medicine and Biology</i> , <b>2001</b> , 2, 155-63	6.3	9
50	Transdermal administration of melatonin coupled to cryopass laser treatment as noninvasive therapy for prostate cancer. <i>Drug Delivery</i> , <b>2017</b> , 24, 979-985	7	8
49	Editorial - Hypoxia and Reoxygenation: From Basic Science to Bedside. <i>Frontiers in Pediatrics</i> , <b>2015</b> , 3, 86	3.4	8
48	Impact of hemoglobin concentration and affinity for oxygen on tissue oxygenation: the case of hemoglobin-based oxygen carriers. <i>Artificial Organs</i> , <b>2012</b> , 36, 210-5	2.6	8
47	The effect of in vitro and in vivo cellular aging on the active calcium transport in human inside-out red cell membrane vesicles. <i>Biochemical and Biophysical Research Communications</i> , <b>1989</b> , 159, 432-8	3.4	8
46	Trimetazidine reduces basal cytosolic Ca <sup>2+</sup> concentration during hypoxia in single <i>Xenopus</i> skeletal myocytes. <i>Experimental Physiology</i> , <b>2003</b> , 88, 415-21	2.4	7
45	Swim training improves myocardial resistance to ischemia in rats. <i>International Journal of Sports Medicine</i> , <b>2000</b> , 21, 163-7	3.6	7

44	Dual role of hypoxanthine in the reoxygenation of hypoxic isolated rat hearts. <i>Journal of Molecular and Cellular Cardiology</i> , <b>1991</b> , 23, 77-82	5.8	7
43	The relationship between the blood oxygen transport and the human red cell aging process. <i>Advances in Experimental Medicine and Biology</i> , <b>1991</b> , 307, 115-23	3.6	7
42	Hemoglobin extravasation in the brain of rats exchange-transfused with hemoglobin-based oxygen carriers. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , <b>2017</b> , 45, 710-716	6.1	6
41	Effects of PDE-5 Inhibition on the Cardiopulmonary System After 2 or 4 Weeks of Chronic Hypoxia. <i>Cardiovascular Drugs and Therapy</i> , <b>2019</b> , 33, 407-414	3.9	6
40	High-energy phosphates metabolism and recovery in reperfused ischaemic hearts. <i>European Journal of Clinical Investigation</i> , <b>1998</b> , 28, 983-8	4.6	6
39	Ischaemia/reperfusion in the posthypoxaemic re-oxygenated myocardium: haemodynamic study in the isolated perfused rat heart. <i>Perfusion (United Kingdom)</i> , <b>1993</b> , 8, 113-118	1.9	6
38	Oxidation of olefins catalyzed by hemoglobin. <i>Methods in Enzymology</i> , <b>1994</b> , 231, 598-621	1.7	6
37	The effects of the rate of reoxygenation on the recovery of hypoxemic hearts. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>1995</b> , 109, 1250-1	1.5	6
36	A new method to measure the haemoglobin oxygen saturation by the oxygen electrode. <i>Journal of Proteomics</i> , <b>1983</b> , 7, 143-52		6
35	A new spectrophotometric cuvette holder for low temperature studies; its application to the study of carbonmonoxyhemoglobin oxidation rate. <i>Journal of Proteomics</i> , <b>1979</b> , 1, 319-26		6
34	Supplementation of creatine and ribose prevents apoptosis and right ventricle hypertrophy in hypoxic hearts. <i>Current Pharmaceutical Design</i> , <b>2013</b> , 19, 6873-9	3.3	6
33	Nitric Oxide and Oxidative Stress Changes at Depth in Breath-Hold Diving. <i>Frontiers in Physiology</i> , <b>2020</b> , 11, 609642	4.6	6
32	Phosphodiesterase-5 Inhibition Alleviates Pulmonary Hypertension and Basal Lamina Thickening in Rats Challenged by Chronic Hypoxia. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 289	4.6	5
31	Modulation of the NO/cGMP pathway reduces the vasoconstriction induced by acellular and PEGylated haemoglobin. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , <b>2008</b> , 1784, 1428-34	4	5
30	Tolerance of isolated rat hearts to low-flow ischemia and hypoxia of increasing duration: protective role of down-regulation and ATP during ischemia. <i>Molecular and Cellular Biochemistry</i> , <b>2001</b> , 226, 141-51	4.2	5
29	Atenolol depresses post-ischaemic recovery in the isolated rat heart. <i>Pharmacological Research</i> , <b>1999</b> , 39, 431-5	10.2	5
28	Thyroid hormones and active calcium transport of inside-out red cell membrane vesicles. <i>Biochemical Medicine and Metabolic Biology</i> , <b>1992</b> , 48, 235-40		5
27	Improvement of glycosylated hemoglobin measurement by disposable ion-exchange columns. <i>Research in Clinic and Laboratory</i> , <b>1980</b> , 10, 251-3		5



26	The reoxygenation phenomenon. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>1993</b> , 105, 373	1.5	4
25	Differential Redox State and Iron Regulation in Chronic Obstructive Pulmonary Disease, Acute Respiratory Distress Syndrome and Coronavirus Disease 2019. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	4
24	Mitochondrial dysfunctions in neurodegenerative diseases: role in disease pathogenesis, strategies for analysis and therapeutic prospects. <i>Neural Regeneration Research</i> , <b>2022</b> , 17, 754-758	4.5	4
23	Glutathionyl-hemoglobin levels in carotid endarterectomy: a pilot study on 12 cases clinically uneventful. <i>Journal of Cardiovascular Surgery</i> , <b>2017</b> , 58, 65-71	0.7	3
22	Detection of haemoglobins with abnormal oxygen affinity by single blood gas analysis and 2,3-diphosphoglycerate measurement. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2000</b> , 38, 951-4	5.9	3
21	The dissociation of carbon monoxide from the alpha and the beta subunits of human carbonmonoxy hemoglobin. <i>Biochemical and Biophysical Research Communications</i> , <b>1987</b> , 148, 1196-201	3.4	3
20	Computerized scheme for the reaction of hemoglobin with ligands. <i>The Protein Journal</i> , <b>1985</b> , 4, 319-331		3
19	Acid-base equilibrium in the blood of sheep. <i>Experientia</i> , <b>1979</b> , 35, 1347-8		3
18	Link between serum lipid signature and prognostic factors in COVID-19 patients. <i>Scientific Reports</i> , <b>2021</b> , 11, 21633	4.9	3
17	Nitric Oxide-cGMP Pathway Modulation in an Experimental Model of Hypoxic Pulmonary Hypertension. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , <b>2021</b> , 26, 665-676	2.6	3
16	Effects of energy demand in ischemic and in hypoxemic isolated rat hearts. <i>Advances in Experimental Medicine and Biology</i> , <b>1994</b> , 361, 393-9	3.6	3
15	Biochemical consequences of electrical pacing in ischemic-reperfused isolated rat hearts. <i>Molecular and Cellular Biochemistry</i> , <b>1999</b> , 194, 245-9	4.2	2
14	Enhanced oxidation of bis(3,5-dibromosalicyl) fumarate alpha-alpha cross linked hemoglobin by free radicals generated by xanthine/xanthine oxidase. <i>Artificial Cells, Blood Substitutes, and Biotechnology</i> , <b>1994</b> , 22, 517-24		2
13	Purification of human hemoglobin valence intermediates by preparative immobilized pH gradients. <i>Journal of Proteomics</i> , <b>1987</b> , 14, 139-47		2
12	Separation of the valence intermediates of human haemoglobin by high-performance chromatofocusing. <i>Journal of Chromatography A</i> , <b>1987</b> , 397, 233-7	4.5	2
11	Simulation of oxygen delivery to tissues: the role of the hemoglobin oxygen equilibrium curve at altitude. <i>Journal of Clinical Monitoring and Computing</i> , <b>1985</b> , 2, 95-9		2
10	Janus, or the inevitable battle between too much and too little oxygen.. <i>Antioxidants and Redox Signaling</i> , <b>2022</b> ,	8.4	2
9	Myocardial Damage Induced by Uncontrolled Reoxygenation. <i>Asian Cardiovascular and Thoracic Annals</i> , <b>2000</b> , 8, 34-37	0.6	1



8	Inside the Alterations of Circulating Metabolome in Antarctica: The Adaptation to Chronic Hypoxia.. <i>Frontiers in Physiology</i> , <b>2022</b> , 13, 819345	4.6	1
7	Comprehensive Profiling of Hypoxia-Related miRNAs Identifies miR-23a-3p Overexpression as a Marker of Platinum Resistance and Poor Prognosis in High-Grade Serous Ovarian Cancer. <i>Cancers</i> , <b>2021</b> , 13,	6.6	1
6	Defining research priorities in cystic fibrosis. Can existing knowledge and training in biomedical research affect the choice?. <i>Journal of Cystic Fibrosis</i> , <b>2019</b> , 18, 378-381	4.1	1
5	Endothelial Nitric Oxide Production and Antioxidant Response in Breath-Hold Diving: Genetic Predisposition or Environment Related?. <i>Frontiers in Physiology</i> , <b>2021</b> , 12, 692204	4.6	1
4	Comments on point:counterpoint: "the lactate paradox does/does not occur during exercise at high altitude". <i>Journal of Applied Physiology</i> , <b>2007</b> , 102, 2404; author reply 2409-10	3.7	
3	Hypoxanthine in stored blood. <i>Transfusion</i> , <b>1991</b> , 31, 379-80	2.9	
2	Molecular adaptation to acute, chronic and intermittent hypoxia in rat hearts: a study on HIF-1 and apoptosis. <i>FASEB Journal</i> , <b>2006</b> , 20, A788	0.9	
1	Genetic Determinants of the Effects of Training on Muscle and Adipose Tissue Homeostasis in Obesity Associated with Lymphedema. <i>Lymphatic Research and Biology</i> , <b>2021</b> , 19, 322-333	2.3	