Angela Fago

List of Publications by Year in Descending Order

137 papers	5,091 citations	39 h-index	66 g-index
151 ext. papers	5,856 ext. citations	4.6 avg, IF	5.56 L-index

#	Paper	IF	Citations
137	Ontogeny of hemoglobin-oxygen binding and multiplicity in the obligate air-breathing fish Arapaima gigas.. *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2022**, 268, 111190	2.6	
136	New insights into survival strategies to oxygen deprivation in anoxia-tolerant vertebrates.. *Acta Physiologica*, **2022**, e13841	5.6	3
135	Changes in hemoglobin function and isoform expression during embryonic development in the American alligator,. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2021**, 321, R869-R878	3.2	0
134	High temperature impairs mitochondrial function in rainbow trout cardiac mitochondria. *Journal of Experimental Biology*, **2021**, 224,	3	5
133	Carbon dioxide and bicarbonate accumulation in caiman erythrocytes during diving. *Journal of Experimental Biology*, **2021**,	3	2
132	Suppression of mitochondrial respiration by hydrogen sulfide in hibernating 13-lined ground squirrels. *Free Radical Biology and Medicine*, **2021**, 169, 181-186	7.8	5
131	Evolution of hemoglobin function in tropical air-breathing catfishes. *Journal of Experimental Zoology Part A: Ecological and Integrative Physiology*, **2021**, 335, 814-819	1.9	1
130	Exploring pathways of NO and HS signaling in metabolic depression: The case of anoxic turtles. *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2021**, 253, 110857	2.6	4
129	New insights into the allosteric effects of CO2 and bicarbonate on crocodilian hemoglobin. *Journal of Experimental Biology*, **2021**, 224,	3	1
128	Stable mitochondrial CICIII supercomplex interactions in reptiles versus homeothermic vertebrates. *Journal of Experimental Biology*, **2020**, 223,	3	9
127	Structure and function of crocodilian hemoglobins and allosteric regulation by chloride, ATP, and CO. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2020**, 318, R657-R667	3.2	6
126	Metabolic adaptations to anoxia and reoxygenation: New lessons from freshwater turtles and crucian carp. *Current Opinion in Endocrine and Metabolic Research*, **2020**, 11, 55-64	1.7	14
125	Effect of NH2-terminal acetylation on the oxygenation properties of vertebrate haemoglobin. *Biochemical Journal*, **2020**, 477, 3839-3850	3.8	2
124	Genetic and functional diversity of the multiple lungfish myoglobins. *FEBS Journal*, **2020**, 287, 1598-1611	5.7	4
123	Oxygenation properties of hemoglobin and the evolutionary origins of isoform multiplicity in an amphibious air-breathing fish, the blue-spotted mudskipper (). *Journal of Experimental Biology*, **2020**, 223,	3	4
122	A Novel Possible Role for Met Hemoglobin as Carrier of Hydrogen Sulfide in the Blood. *Antioxidants and Redox Signaling*, **2020**, 32, 258-265	8.4	9
121	Globin E is a myoglobin-related, respiratory protein highly expressed in lungfish oocytes. *Scientific Reports*, **2019**, 9, 280	4.9	8

120	Turtles maintain mitochondrial integrity but reduce mitochondrial respiratory capacity in the heart after cold acclimation and anoxia. *Journal of Experimental Biology*, **2019**, 222,	3	14
119	Tissue-dependent variation of hydrogen sulfide homeostasis in anoxic freshwater turtles. *Journal of Experimental Biology*, **2019**, 222,	3	5
118	Hypoxia enhances blood O affinity and depresses skeletal muscle O consumption in zebrafish (Danio rerio). *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*, **2019**, 234, 18-25	2.3	11
117	Emergence of a Chimeric Globin Pseudogene and Increased Hemoglobin Oxygen Affinity Underlie the Evolution of Aquatic Specializations in Sirenia. *Molecular Biology and Evolution*, **2019**, 36, 1134-1147	8.3	1
116	The Zebrafish Cytochrome /Cytochrome Reductase/NADH System Efficiently Reduces Cytoglobins 1 and 2: Conserved Activity of Cytochrome /Cytochrome Reductases during Vertebrate Evolution. *Biochemistry*, **2019**, 58, 3212-3223	3.2	7
115	Metabolic adaptations during extreme anoxia in the turtle heart and their implications for ischemia-reperfusion injury. *Scientific Reports*, **2019**, 9, 2850	4.9	34
114	Suppression of reactive oxygen species generation in heart mitochondria from anoxic turtles: the role of complex I -nitrosation. *Journal of Experimental Biology*, **2018**, 221,	3	27
113	Divergent and parallel routes of biochemical adaptation in high-altitude passerine birds from the Qinghai-Tibet Plateau. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, 1865-1870	11.5	46
112	Reactions of ferric hemoglobin and myoglobin with hydrogen sulfide under physiological conditions. *Journal of Inorganic Biochemistry*, **2018**, 182, 133-140	4.2	27
111	Hemoglobin polymerization via disulfide bond formation in the hypoxia-tolerant turtle Trachemys scripta: implications for antioxidant defense and O transport. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2018**, 314, R84-R93	3.2	4
110	Molecular basis of hemoglobin adaptation in the high-flying bar-headed goose. *PLoS Genetics*, **2018**, 14, e1007331	6	32
109	Allosteric mechanisms underlying the adaptive increase in hemoglobin-oxygen affinity of the bar-headed goose. *Journal of Experimental Biology*, **2018**, 221,	3	17
108	Functional diversification of sea lamprey globins in evolution and development. *Biochimica Et Biophysica Acta - Proteins and Proteomics*, **2018**, 1866, 283-291	4	7
107	Functional roles of globin proteins in hypoxia-tolerant ectothermic vertebrates. *Journal of Applied Physiology*, **2017**, 123, 926-934	3.7	10
106	Regulation of blood oxygen transport in hibernating mammals. *Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology*, **2017**, 187, 847-856	2.2	6
105	A comparison of blood nitric oxide metabolites and hemoglobin functional properties among diving mammals. *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2017**, 205, 35-40	2.6	10
104	The Greenland shark Somniosus microcephalus-Hemoglobins and ligand-binding properties. *PLoS ONE*, **2017**, 12, e0186181	3.7	21
103	O binding and CO sensitivity in haemoglobins of subterranean African mole rats. *Journal of Experimental Biology*, **2017**, 220, 3939-3948	3	10

102	Stability-Mediated Epistasis Restricts Accessible Mutational Pathways in the Functional Evolution of Avian Hemoglobin. *Molecular Biology and Evolution*, **2017**, 34, 1240-1251	8.3	33
101	Predictable convergence in hemoglobin function has unpredictable molecular underpinnings. *Science*, **2016**, 354, 336-339	33.3	140
100	StudentsUmotivation toward laboratory work in physiology teaching. *American Journal of Physiology - Advances in Physiology Education*, **2016**, 40, 313-8	1.9	27
99	Bohr effect and temperature sensitivity of hemoglobins from highland and lowland deer mice. *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2016**, 195, 10-4	2.6	19
98	The roles of tissue nitrate reductase activity and myoglobin in securing nitric oxide availability in deeply hypoxic crucian carp. *Journal of Experimental Biology*, **2016**, 219, 3875-3883	3	10
97	The Staphylococcus aureus Protein IsdH Inhibits Host Hemoglobin Scavenging to Promote Heme Acquisition by the Pathogen. *Journal of Biological Chemistry*, **2016**, 291, 23989-23998	5.4	18
96	Myoglobin oxygenation and autoxidation in three reptilian species. *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2015**, 187, 8-12	2.6	3
95	Genetically based low oxygen affinities of felid hemoglobins: lack of biochemical adaptation to high-altitude hypoxia in the snow leopard. *Journal of Experimental Biology*, **2015**, 218, 2402-9	3	30
94	A globin domain in a neuronal transmembrane receptor of Caenorhabditis elegans and Ascaris suum: molecular modeling and functional properties. *Journal of Biological Chemistry*, **2015**, 290, 10336-52	5.4	4
93	Contribution of a mutational hot spot to hemoglobin adaptation in high-altitude Andean house wrens. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 13958-63	11.5	60
92	Effects of an 8-weeks erythropoietin treatment on mitochondrial and whole body fat oxidation capacity during exercise in healthy males. *Journal of Sports Sciences*, **2015**, 33, 570-8	3.6	10
91	Inhibitory effects of nitrite on the reactions of bovine carbonic anhydrase II with CO2 and bicarbonate consistent with zinc-bound nitrite. *Journal of Inorganic Biochemistry*, **2015**, 149, 6-11	4.2	8
90	Hypoxia tolerance, nitric oxide, and nitrite: lessons from extreme animals. *Physiology*, **2015**, 30, 116-26	9.8	50
89	Kinetic properties and heme pocket structure of two domains of the polymeric hemoglobin of Artemia in comparison with the native molecule. *Biochimica Et Biophysica Acta - Proteins and Proteomics*, **2015**, 1854, 1307-16	4	1
88	Oxygenation properties and isoform diversity of snake hemoglobins. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2015**, 309, R1178-91	3.2	19
87	Intraspecific polymorphism, interspecific divergence, and the origins of function-altering mutations in deer mouse hemoglobin. *Molecular Biology and Evolution*, **2015**, 32, 978-97	8.3	73
86	Epistasis constrains mutational pathways of hemoglobin adaptation in high-altitude pikas. *Molecular Biology and Evolution*, **2015**, 32, 287-98	8.3	78
85	Convergent Evolution of Hemoglobin Function in High-Altitude Andean Waterfowl Involves Limited Parallelism at the Molecular Sequence Level. *PLoS Genetics*, **2015**, 11, e1005681	6	76

84	High blood oxygen affinity in the air-breathing swamp eel Monopterus albus. *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2014**, 178, 102-8	2.6	18
83	Integrating evolutionary and functional tests of adaptive hypotheses: a case study of altitudinal differentiation in hemoglobin function in an Andean Sparrow, Zonotrichia capensis. *Molecular Biology and Evolution*, **2014**, 31, 2948-62	8.3	51
82	Hydrogen sulfide and nitric oxide metabolites in the blood of free-ranging brown bears and their potential roles in hibernation. *Free Radical Biology and Medicine*, **2014**, 73, 349-57	7.8	26
81	Oxygen-linked S-nitrosation in fish myoglobins: a cysteine-specific tertiary allosteric effect. *PLoS ONE*, **2014**, 9, e97012	3.7	7
80	Enthalpic partitioning of the reduced temperature sensitivity of O2 binding in bovine hemoglobin. *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2014**, 176, 20-5	2.6	13
79	Oxygen binding to partially nitrosylated hemoglobin. *Biochimica Et Biophysica Acta - Proteins and Proteomics*, **2013**, 1834, 1894-900	4	12
78	Expression patterns and adaptive functional diversity of vertebrate myoglobins. *Biochimica Et Biophysica Acta - Proteins and Proteomics*, **2013**, 1834, 1832-9	4	33
77	Myoglobin-dependent O2 consumption of the hypoxic trout heart. *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2013**, 165, 40-5	2.6	4
76	Molecular and functional characterization of hemocyanin of the giant African millipede, Archispirostreptus gigas. *Journal of Experimental Biology*, **2013**, 216, 1616-23	3	7
75	Lack of conventional oxygen-linked proton and anion binding sites does not impair allosteric regulation of oxygen binding in dwarf caiman hemoglobin. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2013**, 305, R300-12	3.2	28
74	Hemoglobin isoform differentiation and allosteric regulation of oxygen binding in the turtle, Trachemys scripta. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2013**, 305, R961-7	3.2	30
73	Decrease in the red cell cofactor 2,3-diphosphoglycerate increases hemoglobin oxygen affinity in the hibernating brown bear Ursus arctos. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2013**, 304, R43-9	3.2	12
72	Hemoglobin function and allosteric regulation in semi-fossorial rodents (family Sciuridae) with different altitudinal ranges. *Journal of Experimental Biology*, **2013**, 216, 4264-71	3	34
71	Repeated elevational transitions in hemoglobin function during the evolution of Andean hummingbirds. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 20669-74	11.5	112
70	Deer mouse hemoglobin exhibits a lowered oxygen affinity owing to mobility of the E helix. *Acta Crystallographica Section F: Structural Biology Communications*, **2013**, 69, 393-8		8
69	Deer mouse hemoglobin exhibits a lowered oxygen affinity owing to mobility of the E helix. Corrigendum. *Acta Crystallographica Section F: Structural Biology Communications*, **2013**, 69, 710-710		78
68	Epistasis among adaptive mutations in deer mouse hemoglobin. *Science*, **2013**, 340, 1324-7	33.3	139
67	Phenotypic plasticity in blood-oxygen transport in highland and lowland deer mice. *Journal of Experimental Biology*, **2013**, 216, 1167-73	3	25

66	Insights into the anomalous heme pocket of rainbow trout myoglobin. *Journal of Inorganic Biochemistry*, **2012**, 109, 1-8	4.2	11
65	Circulating nitric oxide metabolites and cardiovascular changes in the turtle Trachemys scripta during normoxia, anoxia and reoxygenation. *Journal of Experimental Biology*, **2012**, 215, 2560-6	3	25
64	Oxygenation properties and oxidation rates of mouse hemoglobins that differ in reactive cysteine content. *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2012**, 161, 265-70	2.6	23
63	Integrating nitric oxide, nitrite and hydrogen sulfide signaling in the physiological adaptations to hypoxia: A comparative approach. *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2012**, 162, 1-6	2.6	34
62	Functional differentiation of myoglobin isoforms in hypoxia-tolerant carp indicates tissue-specific protective roles. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology* , **2012**, 302, R693-701	3.2	43
61	Functional properties of myoglobins from five whale species with different diving capacities. *Journal of Experimental Biology*, **2012**, 215, 3403-10	3	30
60	A membrane-bound vertebrate globin. *PLoS ONE*, **2011**, 6, e25292	3.7	42
59	Enhancing effects of acetazolamide on neuronal activity correlate with enhanced visual processing ability in humans. *Neuropharmacology*, **2011**, 61, 900-8	5.5	8
58	Expression and purification of recombinant hemoglobin in Escherichia coli. *PLoS ONE*, **2011**, 6, e20176	3.7	36
57	Allosteric modulation by S-nitrosation in the low-O□affinity myoglobin from rainbow trout. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2011**, 300, R101-8	3.2	24
56	Evolutionary and functional properties of a two-locus beta-globin polymorphism in Indian house mice. *Genetics*, **2010**, 184, 1121-31	4	23
55	Keeping the heart in balance: the functional interactions of myoglobin with nitrogen oxides. *Journal of Experimental Biology*, **2010**, 213, 2726-33	3	46
54	Genetic differences in hemoglobin function between highland and lowland deer mice. *Journal of Experimental Biology*, **2010**, 213, 2565-74	3	106
53	ATP-induced temperature independence of hemoglobin-O2 affinity in heterothermic billfish. *Journal of Experimental Biology*, **2010**, 213, 1579-85	3	26
52	Roles of nitric oxide, nitrite and myoglobin on myocardial efficiency in trout (Oncorhynchus mykiss) and goldfish (Carassius auratus): implications for hypoxia tolerance. *Journal of Experimental Biology*, **2010**, 213, 2755-62	3	43
51	Globin-like proteins in Caenorhabditis elegans: in vivo localization, ligand binding and structural properties. *BMC Biochemistry*, **2010**, 11, 17	4.8	17
50	Evolutionary and functional insights into the mechanism underlying high-altitude adaptation of deer mouse hemoglobin. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 14450-5	11.5	167
49	Nitric oxide increases myocardial efficiency in the hypoxia-tolerant turtle Trachemys scripta. *Journal of Experimental Biology*, **2009**, 212, 954-60	3	18

48	Unusual stability of human neuroglobin at low pH--molecular mechanisms and biological significance. *FEBS Journal*, **2009**, 276, 7027-39	5.7	12
47	Generation of nitric oxide from nitrite by carbonic anhydrase: a possible link between metabolic activity and vasodilation. *American Journal of Physiology - Heart and Circulatory Physiology*, **2009**, 297, H2068-74	5.2	160
46	Thermodynamics of oxygenation-linked proton and lactate binding govern the temperature sensitivity of O2 binding in crustacean (Carcinus maenas) hemocyanin. *Journal of Experimental Biology*, **2008**, 211, 1057-62	3	16
45	A role for neuroglobin: resetting the trigger level for apoptosis in neuronal and retinal cells. *IUBMB Life*, **2008**, 60, 398-401	4.7	56
44	Reactions of ferrous neuroglobin and cytoglobin with nitrite under anaerobic conditions. *Journal of Inorganic Biochemistry*, **2008**, 102, 1777-82	4.2	128
43	Nitrite-dependent vasodilation is facilitated by hypoxia and is independent of known NO-generating nitrite reductase activities. *American Journal of Physiology - Heart and Circulatory Physiology*, **2007**, 292, H3072-8	5.2	95
42	Characterization of a globin-coupled oxygen sensor with a gene-regulating function. *Journal of Biological Chemistry*, **2007**, 282, 37325-40	5.4	30
41	The role of blood nitrite in the control of hypoxic vasodilation. *Advances in Experimental Biology*, **2007**, 199-212		3
40	The nerve hemoglobin of the bivalve mollusc Spisula solidissima: molecular cloning, ligand binding studies, and phylogenetic analysis. *Journal of Biological Chemistry*, **2006**, 281, 5364-72	5.4	23
39	The reaction of neuroglobin with potential redox protein partners cytochrome b5 and cytochrome c. *FEBS Letters*, **2006**, 580, 4884-8	3.8	112
38	Oxygen binding properties of non-mammalian nerve globins. *FEBS Journal*, **2006**, 273, 1323-9	5.7	19
37	The reactions of neuroglobin with CO: evidence for two forms of the ferrous protein. *Journal of Inorganic Biochemistry*, **2006**, 100, 1339-43	4.2	43
36	Effects of short-term hypoxia on neuroglobin levels and localization in mouse brain tissues. *Neuropathology and Applied Neurobiology*, **2005**, 31, 610-7	5.2	46
35	Reactions of peroxynitrite with globin proteins and their possible physiological role. *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2005**, 142, 124-9	2.6	66
34	Neuroglobin and cytoglobin in search of their role in the vertebrate globin family. *Journal of Inorganic Biochemistry*, **2005**, 99, 110-9	4.2	249
33	Critical redox and allosteric aspects of nitric oxide interactions with hemoglobin. *Antioxidants and Redox Signaling*, **2004**, 6, 979-91	8.4	7
32	Reactivity studies of the Fe(III) and Fe(II)NO forms of human neuroglobin reveal a potential role against oxidative stress. *Journal of Biological Chemistry*, **2004**, 279, 22841-7	5.4	213
31	Functional properties of neuroglobin and cytoglobin. Insights into the ancestral physiological roles of globins. *IUBMB Life*, **2004**, 56, 689-96	4.7	78

30	Allosteric regulation and temperature dependence of oxygen binding in human neuroglobin and cytoglobin. Molecular mechanisms and physiological significance. *Journal of Biological Chemistry*, **2004**, 279, 44417-26	5.4	146
29	Modulation of red cell glycolysis: interactions between vertebrate hemoglobins and cytoplasmic domains of band 3 red cell membrane proteins. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2004**, 287, R454-64	3.2	58
28	Functional adaptation and its molecular basis in vertebrate hemoglobins, neuroglobins and cytoglobins. *Respiratory Physiology and Neurobiology*, **2004**, 144, 141-59	2.8	104
27	The case of the missing NO-hemoglobin: spectral changes suggestive of heme redox reactions reflect changes in NO-heme geometry. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 12087-92	11.5	34
26	Effects of water activity on oxygen-binding in high-molecular weight, extracellular invertebrate hemoglobin and hemocyanin. *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*, **2003**, 136, 83-90	2.3	6
25	Allosteric effect of water in fish and human hemoglobins. *Journal of Biological Chemistry*, **2003**, 278, 42769-73	5.4	12
24	Water regulates oxygen binding in hagfish (Myxine glutinosa) hemoglobin. *Journal of Experimental Biology*, **2003**, 206, 1389-95	3	13
23	Novel mechanism for high-altitude adaptation in hemoglobin of the Andean frog Telmatobius peruvianus. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2002**, 283, R1052-60	3.2	40
22	Hemoglobin and subunit multiplicity in the rainbow trout (Oncorhynchus mykiss) hemoglobin system. *Fish Physiology and Biochemistry*, **2001**, 24, 335-342	2.7	41
21	Hagfish hemoglobins: structure, function, and oxygen-linked association. *Journal of Biological Chemistry*, **2001**, 276, 27415-23	5.4	16
20	Oxygen binding by single red blood cells from the red-eared turtle Trachemys scripta. *Journal of Applied Physiology*, **2001**, 90, 1679-84	3.7	13
19	Respiratory responses to short term hypoxia in the snapping turtle, Chelydra serpentina. *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2000**, 126, 223-31	2.6	14
18	Isohemoglobin differentiation in the bimodal-breathing amazon catfish Hoplosternum littorale. *Journal of Biological Chemistry*, **2000**, 275, 17297-305	5.4	42
17	Bicarbonate binding to hemoglobin links oxygen and carbon dioxide transport in hagfish. *Respiration Physiology*, **1999**, 115, 309-15		16
16	The haemoglobin system of the mudfish, Labeo capensis: adaptations to temperature and hypoxia. *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*, **1998**, 120, 735-742	2.3	13
15	Hemoglobin Structure and Function. *Fish Physiology*, **1998**, 17, 1-40	2	42
14	Hagfish Haemoglobins **1998**, 321-333		5
13	The anodic hemoglobin of Anguilla anguilla. Molecular basis for allosteric effects in a root-effect hemoglobin. *Journal of Biological Chemistry*, **1997**, 272, 15628-35	5.4	39

12	Oxygen binding and aggregation of hemoglobin from the common European frog, Rana temporaria. *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*, **1997**, 117, 225-31	2.3	9
11	Temperature-Dependent Enthalpy of Oxygenation in Antarctic Fish Hemoglobins. *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*, **1997**, 118, 319-326	2.3	39
10	The unique hemoglobin system of Pleuragramma antarcticum, an antarctic migratory teleost. Structure and function of the three components. *Journal of Biological Chemistry*, **1996**, 271, 23780-5	5.4	41
9	The hemoglobin system of the hagfish Myxine glutinosa: aggregation state and functional properties. *BBA - Proteins and Proteomics*, **1995**, 1249, 109-15		26
8	The cathodic hemoglobin of Anguilla anguilla. Amino acid sequence and oxygen equilibria of a reverse Bohr effect hemoglobin with high oxygen affinity and high phosphate sensitivity. *Journal of Biological Chemistry*, **1995**, 270, 18897-902	5.4	42
7	A polymerising Root-effect fish hemoglobin with high subunit heterogeneity. Correlation with primary structure. *FEBS Journal*, **1993**, 218, 829-35		28
6	The primary structure and oxygen-binding properties of the single haemoglobin of the high-Antarctic fish Aethotaxis mitopteryx DeWitt. *Polar Biology*, **1992**, 12, 135-140	2	24
5	Haematological studies on Aethotaxis mitopteryx DeWitt, a high-Antarctic fish with a single haemoglobin. *Polar Biology*, **1992**, 12, 141-145	2	12
4	The hemoglobins of Notothenia angustata, a temperate fish belonging to a family largely endemic to the Antarctic Ocean. *FEBS Journal*, **1992**, 210, 963-70		38
3	Haematological studies on Aethotaxis mitopteryx DeWitt, a high-Antarctic fish with a single haemoglobin **1992**, 141-145		
2	The primary structure and oxygen-binding properties of the single haemoglobin of the high-Antarctic fish Aethotaxis mitopteryx DeWitt **1992**, 135-140		
1	Molecular basis of hemoglobin adaptation in the high-flying bar-headed goose		1