

Paolo Ascenzi

List of Publications by Year in descending order

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Version: 2024-02-01

330
papers

13,716
citations

34105

52
h-index

31849

101
g-index

333
all docs

333
docs citations

333
times ranked

13828
citing authors

#	ARTICLE	IF	CITATIONS
1	Thalassemias: from gene to therapy. <i>Molecular Aspects of Medicine</i> , 2022, 84, 101028.	6.4	20
2	Introductory remarks. <i>Molecular Aspects of Medicine</i> , 2022, , 101065.	6.4	0
3	Hydroxylamine-induced oxidation of ferrous nitrobindins. <i>Journal of Biological Inorganic Chemistry</i> , 2022, , 1.	2.6	4
4	Serum albumin and nucleic acids biodistribution: From molecular aspects to biotechnological applications. <i>IUBMB Life</i> , 2022, 74, 866-879.	3.4	4
5	Binding of direct oral anticoagulants to the FA1 site of human serum albumin. <i>Journal of Molecular Recognition</i> , 2021, 34, e2877.	2.1	6
6	Kinetic inequivalence between \hat{I}^{\pm} and \hat{I}^2 subunits of ligand dissociation from ferrous nitrosylated human haptoglobin:hemoglobin complexes. A comparison with O ₂ and CO dissociation. <i>Journal of Inorganic Biochemistry</i> , 2021, 214, 111272.	3.5	0
7	Mycobacterial and Human Ferrous Nitrobindins: Spectroscopic and Reactivity Properties. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1674.	4.1	10
8	Proteomic and Bioinformatic Investigation of Altered Pathways in Neuroglobin-Deficient Breast Cancer Cells. <i>Molecules</i> , 2021, 26, 2397.	3.8	18
9	Serum Albumin: A Multifaced Enzyme. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10086.	4.1	83
10	High Serum Levels of Toxin A Correlate with Disease Severity in Patients with <i>Clostridioides difficile</i> Infection. <i>Antibiotics</i> , 2021, 10, 1093.	3.7	4
11	Oxygen-mediated oxidation of ferrous nitrosylated nitrobindins. <i>Journal of Inorganic Biochemistry</i> , 2021, 224, 111579.	3.5	10
12	Structural and (Pseudo-)Enzymatic Properties of Neuroglobin: Its Possible Role in Neuroprotection. <i>Cells</i> , 2021, 10, 3366.	4.1	10
13	Ligand-dependent inequivalence of the \hat{I}^{\pm} and \hat{I}^2 subunits of ferric human hemoglobin bound to haptoglobin. <i>Journal of Inorganic Biochemistry</i> , 2020, 202, 110814.	3.5	3
14	Neonicotinoid trapping by the FA1 site of human serum albumin. <i>IUBMB Life</i> , 2020, 72, 716-723.	3.4	7
15	Neuroglobin As Key Mediator in the 17 \hat{I}^2 -Estradiol-Induced Antioxidant Cell Response to Oxidative Stress. <i>Antioxidants and Redox Signaling</i> , 2020, 32, 217-227.	5.4	12
16	Contaminations in (meta)genome data: An open issue for the scientific community. <i>IUBMB Life</i> , 2020, 72, 698-705.	3.4	13
17	Haptoglobin: From hemoglobin scavenging to human health. <i>Molecular Aspects of Medicine</i> , 2020, 73, 100851.	6.4	62
18	Haptoglobin and the related haptoglobin protein: the N-terminus makes the difference. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, , 1-10.	3.5	2

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19	Structural and functional properties of Antarctic fish cytoglobins-1: Cold-reactivity in multi-ligand reactions. <i>Computational and Structural Biotechnology Journal</i> , 2020, 18, 2132-2144.	4.1	10
20	NO Scavenging through Reductive Nitrosylation of Ferric Mycobacterium tuberculosis and Homo sapiens Nitrobindins. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9395.	4.1	10
21	Extra-Intestinal Effects of <i>C. difficile</i> Toxin A and B: An In Vivo Study Using the Zebrafish Embryo Model. <i>Cells</i> , 2020, 9, 2575.	4.1	7
22	Human Serum Albumin Binds Streptolysin O (SLO) Toxin Produced by Group A Streptococcus and Inhibits Its Cytotoxic and Hemolytic Effects. <i>Frontiers in Immunology</i> , 2020, 11, 507092.	4.8	15
23	Transcriptional and Metabolic Dissection of ATRA-Induced Granulocytic Differentiation in NB4 Acute Promyelocytic Leukemia Cells. <i>Cells</i> , 2020, 9, 2423.	4.1	12
24	Ferric nitrosylated myoglobin catalyzes peroxynitrite scavenging. <i>Journal of Biological Inorganic Chemistry</i> , 2020, 25, 361-370.	2.6	6
25	Kinetics of cyanide and carbon monoxide dissociation from ferrous human haptoglobin:hemoglobin(II) complexes. <i>Journal of Biological Inorganic Chemistry</i> , 2020, 25, 351-360.	2.6	3
26	Mycobacterial and Human Nitrobindins: Structure and Function. <i>Antioxidants and Redox Signaling</i> , 2020, 33, 229-246.	5.4	17
27	Structural Basis of Drug Recognition by Human Serum Albumin. <i>Current Medicinal Chemistry</i> , 2020, 27, 4907-4931.	2.4	40
28	Ruxolitinib binding to human serum albumin: bioinformatics, biochemical and functional characterization in JAK2V617F+ cell models. <i>Scientific Reports</i> , 2019, 9, 16379.	3.3	6
29	Oxygen dissociation from ferrous oxygenated human hemoglobin:haptoglobin complexes confirms that in the R-state α and β chains are functionally heterogeneous. <i>Scientific Reports</i> , 2019, 9, 6780.	3.3	8
30	Potential of paclitaxel effect by resveratrol in human breast cancer cells by counteracting the 17β -estradiol/estrogen receptor β /neuroglobin pathway. <i>Journal of Cellular Physiology</i> , 2019, 234, 3147-3157.	4.1	18
31	Reductive nitrosylation of ferric microperoxidase-11. <i>Journal of Biological Inorganic Chemistry</i> , 2019, 24, 21-29.	2.6	5
32	Fluoride and azide binding to ferric human hemoglobin:haptoglobin complexes highlights the ligand-dependent inequivalence of the α and β hemoglobin chains. <i>Journal of Biological Inorganic Chemistry</i> , 2019, 24, 247-255.	2.6	5
33	Fipronil recognition by the FA1 site of human serum albumin. <i>Journal of Molecular Recognition</i> , 2018, 31, e2713.	2.1	9
34	Coexistence of multiple globin genes conferring protection against nitrosative stress to the Antarctic bacterium <i>Pseudoalteromonas haloplanktis</i> TAC125. <i>Nitric Oxide - Biology and Chemistry</i> , 2018, 73, 39-51.	2.7	11
35	Reductive nitrosylation of ferric human hemoglobin bound to human haptoglobin 1-1 and 2-2. <i>Journal of Biological Inorganic Chemistry</i> , 2018, 23, 437-445.	2.6	13
36	Neuronal hemoglobin affects dopaminergic cells' response to stress. <i>Cell Death and Disease</i> , 2018, 8, e2538-e2538.	6.3	25

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37	Dissecting the 17 β -estradiol pathways necessary for neuroglobin anti-apoptotic activity in breast cancer. <i>Journal of Cellular Physiology</i> , 2018, 233, 5087-5103.	4.1	18
38	No Lanthanide-based Catalysis in Eukaryotes. <i>IUBMB Life</i> , 2018, 71, 398-399.	3.4	4
39	Human nitrobindin: the first example of an all α -barrel ferric heme-protein that catalyzes peroxynitrite detoxification. <i>FEBS Open Bio</i> , 2018, 8, 2002-2010.	2.3	17
40	Hydroxylamine-induced oxidation of ferrous CO-bound carboxymethylated-cytochrome c. <i>Journal of Porphyrins and Phthalocyanines</i> , 2018, 22, 1082-1091.	0.8	1
41	Are DNA damage response kinases a target for the differentiation treatment of acute myeloid leukemia?. <i>IUBMB Life</i> , 2018, 70, 1057-1066.	3.4	8
42	Lanthanide-based catalysis in eukaryotes. <i>IUBMB Life</i> , 2018, 70, 1067-1075.	3.4	5
43	Human Serum Albumin Is an Essential Component of the Host Defense Mechanism Against <i>Clostridium difficile</i> Intoxication. <i>Journal of Infectious Diseases</i> , 2018, 218, 1424-1435.	4.0	45
44	Peroxynitrite Detoxification by Human Haptoglobin:Hemoglobin Complexes: A Comparative Study. <i>Journal of Physical Chemistry B</i> , 2018, 122, 11100-11107.	2.6	10
45	The nitrite reductase activity of ferrous human hemoglobin:haptoglobin 1-1 and 2-2 complexes. <i>Journal of Inorganic Biochemistry</i> , 2018, 187, 116-122.	3.5	9
46	Hypoalbuminemia as a predictor of acute kidney injury during colistin treatment. <i>Scientific Reports</i> , 2018, 8, 11968.	3.3	23
47	Reductive nitrosylation of ferric carboxymethylated-cytochrome c. <i>Journal of Porphyrins and Phthalocyanines</i> , 2017, 21, 1-9.	0.8	24
48	Hsp90 α regulates ATM and NBN functions in sensing and repair of DNA double-strand breaks. <i>FEBS Journal</i> , 2017, 284, 2378-2395.	4.7	28
49	Nitrophorins and nitrobindins: structure and function. <i>Biomolecular Concepts</i> , 2017, 8, 105-118.	2.2	19
50	Cantharidin inhibits competitively hemeF(III) binding to the FA1 site of human serum albumin. <i>Journal of Molecular Recognition</i> , 2017, 30, e2641.	2.1	10
51	Huntingtin polyQ Mutation Impairs the 17 β -Estradiol/Neuroglobin Pathway Devoted to Neuron Survival. <i>Molecular Neurobiology</i> , 2017, 54, 6634-6646.	4.0	23
52	Human serum albumin: A modulator of cannabinoid drugs. <i>IUBMB Life</i> , 2017, 69, 834-840.	3.4	17
53	Warfarin inhibits allosterically the reductive nitrosylation of ferric human serum heme-albumin. <i>Journal of Inorganic Biochemistry</i> , 2017, 177, 63-75.	3.5	4
54	Neuroglobin and friends. <i>Journal of Molecular Recognition</i> , 2017, 30, e2654.	2.1	20

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55	The drug-dependent five- to six-coordination transition of the heme-Fe atom modulates allosterically human serum heme-albumin reactivity. <i>Rendiconti Lincei</i> , 2017, 28, 207-215.	2.2	2
56	Hydroxylamine-induced oxidation of ferrous carbonylated truncated hemoglobins from <i>Mycobacterium tuberculosis</i> and <i>Campylobacter jejuni</i> is limited by carbon monoxide dissociation. <i>Journal of Biological Inorganic Chemistry</i> , 2017, 22, 977-986.	2.6	3
57	The key role played by charge in the interaction of cytochrome c with cardiolipin. <i>Journal of Biological Inorganic Chemistry</i> , 2017, 22, 19-29.	2.6	40
58	Peroxynitrite scavenging by <i>Campylobacter jejuni</i> truncated hemoglobin P. <i>Journal of Biological Inorganic Chemistry</i> , 2017, 22, 1141-1150.	2.6	7
59	<i>Clostridium difficile</i> Toxins A and B: Insights into Pathogenic Properties and Extraintestinal Effects. <i>Toxins</i> , 2016, 8, 134.	3.4	173
60	Neuroglobin in Breast Cancer Cells: Effect of Hypoxia and Oxidative Stress on Protein Level, Localization, and Anti-Apoptotic Function. <i>PLoS ONE</i> , 2016, 11, e0154959.	2.5	33
61	Neuroglobin overexpression induced by the 17 β -Estradiol-Estrogen receptor- α Pathway reduces the sensitivity of MCF-7 Breast cancer cell to paclitaxel. <i>IUBMB Life</i> , 2016, 68, 645-651.	3.4	24
62	The N-terminal pre-A region of <i>Mycobacterium tuberculosis</i> 2/2HbN promotes NO-dioxygenase activity. <i>FEBS Journal</i> , 2016, 283, 305-322.	4.7	10
63	A molecule for all seasons: The heme. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016, 20, 134-149.	0.8	22
64	The nitrite reductase activity of horse heart carboxymethylated-cytochrome c is modulated by cardiolipin. <i>Journal of Biological Inorganic Chemistry</i> , 2016, 21, 421-432.	2.6	10
65	Neuroglobin: From structure to function in health and disease. <i>Molecular Aspects of Medicine</i> , 2016, 52, 1-48.	6.4	91
66	Nitrobindin: An Ubiquitous Family of All β -Barrel Heme-proteins. <i>IUBMB Life</i> , 2016, 68, 423-428.	3.4	20
67	Cyanide binding to ferrous and ferric microperoxidase-11. <i>Journal of Biological Inorganic Chemistry</i> , 2016, 21, 511-522.	2.6	8
68	Human plasma lipocalins and serum albumin: Plasma alternative carriers?. <i>Journal of Controlled Release</i> , 2016, 228, 191-205.	9.9	24
69	All- trans -retinoic acid and retinol binding to the FA1 site of human serum albumin competitively inhibits heme-Fe(III) association. <i>Archives of Biochemistry and Biophysics</i> , 2016, 590, 56-63.	3.0	13
70	17 β -Estradiol modulates huntingtin levels in rat tissues and in human neuroblastoma cell line. <i>Neuroscience Research</i> , 2016, 103, 59-63.	1.9	9
71	The Protective Role of Albumin in <i>Clostridium difficile</i> Infection: A Step Toward Solving the Puzzle. <i>Infection Control and Hospital Epidemiology</i> , 2015, 36, 1478-1480.	1.8	18
72	The De Filippi scientific expedition to the Western Himalaya, Karakorum and Chinese Turkestan (1913-1914): a memory one hundred years after. <i>Rendiconti Lincei</i> , 2015, 26, 357-367.	2.2	0

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73	Structural Biology of Bacterial Haemophores. <i>Advances in Microbial Physiology</i> , 2015, 67, 127-176.	2.4	11
74	Hsp90: A New Player in DNA Repair?. <i>Biomolecules</i> , 2015, 5, 2589-2618.	4.0	81
75	Functional and Spectroscopic Characterization of <i>Chlamydomonas reinhardtii</i> Truncated Hemoglobins. <i>PLoS ONE</i> , 2015, 10, e0125005.	2.5	13
76	Retinoic acid receptors: From molecular mechanisms to cancer therapy. <i>Molecular Aspects of Medicine</i> , 2015, 41, 1-115.	6.4	284
77	ER β -dependent neuroglobin up-regulation impairs 17 β -estradiol-induced apoptosis in DLD-1 colon cancer cells upon oxidative stress injury. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015, 149, 128-137.	2.5	25
78	Ac-tLeu-Asp-H is the minimal and highly effective human caspase-3 inhibitor: biological and in silico studies. <i>Amino Acids</i> , 2015, 47, 153-162.	2.7	3
79	Ferric microperoxidase-11 catalyzes peroxyxynitrite isomerization. <i>Journal of Inorganic Biochemistry</i> , 2015, 144, 56-61.	3.5	12
80	PCA3 in prostate cancer and tumor aggressiveness detection on 407 high-risk patients: a National Cancer Institute experience. <i>Journal of Experimental and Clinical Cancer Research</i> , 2015, 34, 15.	8.6	68
81	Enhanced heme accessibility in horse heart mini-myoglobin: Insights from molecular modelling and reactivity studies. <i>Archives of Biochemistry and Biophysics</i> , 2015, 585, 1-9.	3.0	3
82	Cardiolipin-cytochrome <i>c</i> complex: Switching cytochrome <i>c</i> from an electron-transfer shuttle to a myoglobin- and a peroxidase-like heme-protein. <i>IUBMB Life</i> , 2015, 67, 98-109.	3.4	45
83	NO $^+$ -mediated nitrosylation of ferrous microperoxidase-11. <i>Journal of Inorganic Biochemistry</i> , 2015, 153, 121-127.	3.5	10
84	Ligand Binding to the FA3-FA4 Cleft Inhibits the Esterase-Like Activity of Human Serum Albumin. <i>PLoS ONE</i> , 2015, 10, e0120603.	2.5	8
85	Drugs Modulate Allosterically Heme-Fe-Recognition by Human Serum Albumin and Heme-Fe-Mediated Reactivity. <i>Current Pharmaceutical Design</i> , 2015, 21, 1837-1847.	1.9	8
86	Neuroglobin and Estrogen Receptors: A New Pathway of Cell Survival and Cell Death Balance. <i>Immunology, Endocrine and Metabolic Agents in Medicinal Chemistry</i> , 2015, 14, 91-99.	0.5	2
87	The Five-To-Six-Coordination Transition of Ferric Human Serum Heme-Albumin Is Allosterically-Modulated by Ibuprofen and Warfarin: A Combined XAS and MD Study. <i>PLoS ONE</i> , 2014, 9, e104231.	2.5	27
88	Imatinib binding to human serum albumin modulates heme association and reactivity. <i>Archives of Biochemistry and Biophysics</i> , 2014, 560, 100-112.	3.0	25
89	Mammalian nerve globins in search of functions. <i>IUBMB Life</i> , 2014, 66, 268-276.	3.4	48
90	Cardiolipin modulates allosterically the nitrite reductase activity of horse heart cytochrome <i>c</i> . <i>Journal of Biological Inorganic Chemistry</i> , 2014, 19, 1195-1201.	2.6	18

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91	Reductive nitrosylation of the cardiolipin-ferrous cytochrome <i>c</i> complex. <i>IUBMB Life</i> , 2014, 66, 438-447.	3.4	12
92	Clinical relevance of drug binding to plasma proteins. <i>Journal of Molecular Structure</i> , 2014, 1077, 4-13.	3.6	52
93	Nitrite-Reductase and Peroxynitrite Isomerization Activities of Methanosarcina acetivorans Protoglobin. <i>PLoS ONE</i> , 2014, 9, e95391.	2.5	13
94	Nitrosylation Mechanisms of Mycobacterium tuberculosis and Campylobacter jejuni Truncated Hemoglobins N, O, and P. <i>PLoS ONE</i> , 2014, 9, e102811.	2.5	19
95	Functional and structural roles of the N-terminal extension in Methanosarcina acetivorans protoglobin. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013, 1834, 1813-1823.	2.3	11
96	The Globins of Cold-Adapted Pseudoalteromonas haloplanktis TAC125: From the Structure to the Physiological Functions. <i>Advances in Microbial Physiology</i> , 2013, 63, 329-389.	2.4	13
97	Neuroglobin and neuronal cell survival. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013, 1834, 1744-1749.	2.3	46
98	Warfarin modulates the nitrite reductase activity of ferrous human serum heme- α -albumin. <i>Journal of Biological Inorganic Chemistry</i> , 2013, 18, 939-946.	2.6	18
99	Reactivity of the human hemoglobin α -Dark side. <i>IUBMB Life</i> , 2013, 65, 121-126.	3.4	5
100	Non-covalent and covalent modifications modulate the reactivity of monomeric mammalian globins. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013, 1834, 1750-1756.	2.3	27
101	Neuroglobin Modification by Reactive Quinone Species. <i>Chemical Research in Toxicology</i> , 2013, 26, 1821-1831.	3.3	23
102	Reductive nitrosylation of Methanosarcina acetivorans protoglobin: A comparative study. <i>Biochemical and Biophysical Research Communications</i> , 2013, 430, 1301-1305.	2.1	16
103	Antarctic bacterial haemoglobin and its role in the protection against nitrogen reactive species. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013, 1834, 1923-1931.	2.3	25
104	α -Tocopherol binding to human serum albumin. <i>BioFactors</i> , 2013, 39, 294-303.	5.4	34
105	Functional role of transient conformations: Rediscovering α -chronosteric effects-thirty years later. <i>IUBMB Life</i> , 2013, 65, 836-844.	3.4	17
106	Molecular phylogenetic analyses of albuminoids reveal the molecular evolution of allosteric properties. <i>IUBMB Life</i> , 2013, 65, 544-549.	3.4	6
107	Reciprocal Allosteric Modulation of Carbon Monoxide and Warfarin Binding to Ferrous Human Serum Heme-Albumin. <i>PLoS ONE</i> , 2013, 8, e58842.	2.5	15
108	Structure and Haem-Distal Site Plasticity in Methanosarcina acetivorans Protoglobin. <i>PLoS ONE</i> , 2013, 8, e66144.	2.5	19

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109	Isoniazid Inhibits the Heme-Based Reactivity of Mycobacterium tuberculosis Truncated Hemoglobin N. PLoS ONE, 2013, 8, e69762.	2.5	26
110	Mn(II) binding to human serum albumin: A 1H-NMR relaxometric study. Journal of Inorganic Biochemistry, 2012, 117, 198-203.	3.5	37
111	GA/GB Fold switching may modulate fatty acid transfer from human serum albumin to bacteria. IUBMB Life, 2012, 64, 885-888.	3.4	10
112	Sequence analysis of serum albumins reveals the molecular evolution of ligand recognition properties. Journal of Biomolecular Structure and Dynamics, 2012, 29, 1195-1205.	3.5	15
113	Human serum albumin: From bench to bedside. Molecular Aspects of Medicine, 2012, 33, 209-290.	6.4	1,320
114	Pseudo-enzymatic hydrolysis of 4-nitrophenyl myristate by human serum albumin. Biochemical and Biophysical Research Communications, 2012, 422, 219-223.	2.1	11
115	Pseudo-enzymatic hydrolysis of 4-nitrophenyl acetate by human serum albumin: pH-dependence of rates of individual steps. Biochemical and Biophysical Research Communications, 2012, 424, 451-455.	2.1	18
116	Cyanide binding to human plasma hemeâ€“hemopexin: A comparative study. Biochemical and Biophysical Research Communications, 2012, 428, 239-244.	2.1	2
117	Neuroprotective Effects of 17Î²-Estradiol Rely on Estrogen Receptor Membrane Initiated Signals. Frontiers in Physiology, 2012, 3, 73.	2.8	37
118	Carbon monoxide: An unusual drug. IUBMB Life, 2012, 64, 378-386.	3.4	54
119	Simultaneous determination of lamivudine, lopinavir, ritonavir, and zidovudine concentration in plasma of HIVâ€“infected patients by HPLCâ€“MS/MS. IUBMB Life, 2012, 64, 443-449.	3.4	16
120	CO metabolism, sensing, and signaling. BioFactors, 2012, 38, 1-13.	5.4	51
121	Evidence for pH-dependent multiple conformers in iron(II) hemeâ€“human serum albumin: spectroscopic and kinetic investigation of carbon monoxide binding. Journal of Biological Inorganic Chemistry, 2012, 17, 133-147.	2.6	13
122	Ligation Tunes Protein Reactivity in an Ancient Haemoglobin: Kinetic Evidence for an Allosteric Mechanism in Methanosarcina acetivorans Protoglobin. PLoS ONE, 2012, 7, e33614.	2.5	13
123	Cardiolipin modulates allosterically peroxynitrite detoxification by horse heart cytochrome c. Biochemical and Biophysical Research Communications, 2011, 404, 190-194.	2.1	30
124	O2-mediated oxidation of ferrous nitrosylated human serum hemeâ€“albumin is limited by nitrogen monoxide dissociation. Biochemical and Biophysical Research Communications, 2011, 406, 112-116.	2.1	10
125	Ibuprofen and warfarin modulate allosterically ferrous human serum hemeâ€“albumin nitrosylation. Biochemical and Biophysical Research Communications, 2011, 411, 185-189.	2.1	13
126	Peroxyntirite detoxification by horse heart carboxymethylated cytochrome c is allosterically modulated by cardiolipin. Biochemical and Biophysical Research Communications, 2011, 415, 463-467.	2.1	23

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127	Ibuprofen binding to secondary sites allosterically modulates the spectroscopic and catalytic properties of human serum heme-albumin. <i>FEBS Journal</i> , 2011, 278, 654-662.	4.7	44
128	Isoniazid and rifampicin inhibit allosterically heme binding to albumin and peroxynitrite isomerization by heme-albumin. <i>Journal of Biological Inorganic Chemistry</i> , 2011, 16, 97-108.	2.6	28
129	Neuroglobin, estrogens, and neuroprotection. <i>IUBMB Life</i> , 2011, 63, 140-145.	3.4	22
130	Cardiolipin drives cytochrome <i>c</i> proapoptotic and antiapoptotic actions. <i>IUBMB Life</i> , 2011, 63, 160-165.	3.4	33
131	Binding of Δ^9 -tetrahydrocannabinol and diazepam to human serum albumin. <i>IUBMB Life</i> , 2011, 63, 446-451.	3.4	39
132	Cancer predisposing mutations in BRCT domains. <i>IUBMB Life</i> , 2011, 63, 503-512.	3.4	16
133	Structural heterogeneity and ligand gating in ferric <i>Methanosarcina acetivorans</i> protoglobin mutants. <i>IUBMB Life</i> , 2011, 63, 287-294.	3.4	15
134	Peroxy-nitrite: An ugly biofactor?. <i>BioFactors</i> , 2010, 36, 264-273.	5.4	45
135	Allostery in a monomeric protein: The case of human serum albumin. <i>Biophysical Chemistry</i> , 2010, 148, 16-22.	2.8	162
136	Cytochromes: Reactivity of the "dark side" of the heme. <i>Biophysical Chemistry</i> , 2010, 152, 21-27.	2.8	19
137	Binding of anti-Parkinson's disease drugs to human serum albumin is allosterically modulated. <i>IUBMB Life</i> , 2010, 62, 371-376.	3.4	11
138	Determination of antituberculosis drug concentration in human plasma by MALDI-TOF/TOF. <i>IUBMB Life</i> , 2010, 62, 387-393.	3.4	11
139	Drug binding to Sudlow's site I impairs allosterically human serum heme-albumin catalyzed peroxynitrite detoxification. <i>IUBMB Life</i> , 2010, 62, 776-780.	3.4	27
140	Reductive nitrosylation of ferric human serum heme-albumin. <i>FEBS Journal</i> , 2010, 277, 2474-2485.	4.7	26
141	17 β -Estradiol: A New Modulator of Neuroglobin Levels in Neurons: Role in Neuroprotection against H ₂ O ₂ -Induced Toxicity. <i>NeuroSignals</i> , 2010, 18, 223-235.	0.9	71
142	Targeting the DNA Double Strand Breaks Repair for Cancer Therapy. <i>Current Medicinal Chemistry</i> , 2010, 17, 2017-2048.	2.4	18
143	Reductive nitrosylation of ferric cyanide horse heart myoglobin is limited by cyanide dissociation. <i>Biochemical and Biophysical Research Communications</i> , 2010, 393, 196-200.	2.1	20
144	Flavonoid binding to human serum albumin. <i>Biochemical and Biophysical Research Communications</i> , 2010, 398, 444-449.	2.1	108

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145	Ibuprofen Impairs Allosterically Peroxynitrite Isomerization by Ferric Human Serum Heme-Albumin. <i>Journal of Biological Chemistry</i> , 2009, 284, 31006-31017.	3.4	40
146	Catalytic peroxidation of nitrogen monoxide and peroxynitrite by globins. <i>IUBMB Life</i> , 2009, 61, 62-73.	3.4	28
147	Simultaneous determination of maraviroc and raltegravir in human plasma by HPLC-UV. <i>IUBMB Life</i> , 2009, 61, 470-475.	3.4	23
148	Serum heme-albumin: An allosteric protein. <i>IUBMB Life</i> , 2009, 61, 1118-1122.	3.4	73
149	Reversible two-step unfolding of heme-human serum albumin: a 1H-NMR relaxometric and circular dichroism study. <i>Journal of Biological Inorganic Chemistry</i> , 2009, 14, 209-217.	2.6	17
150	Allosteric and binding properties of Asp1-Glu382 truncated recombinant human serum albumin: an optical and NMR spectroscopic investigation. <i>FEBS Journal</i> , 2009, 276, 2241-2250.	4.7	39
151	Peroxynitrite detoxification by ferryl <i>Mycobacterium leprae</i> truncated hemoglobin O. <i>Biochemical and Biophysical Research Communications</i> , 2009, 380, 392-396.	2.1	16
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