

# Mauro Fasano

## List of Publications by Citations

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182  
papers

8,195  
citations

39  
h-index

85  
g-index

197  
ext. papers

9,163  
ext. citations

5  
avg, IF

5.79  
L-index

#	Paper	IF	Citations
182	Human serum albumin: from bench to bedside. <i>Molecular Aspects of Medicine</i> , <b>2012</b> , 33, 209-90	16.7	964
181	The extraordinary ligand binding properties of human serum albumin. <i>IUBMB Life</i> , <b>2005</b> , 57, 787-96	4.7	736
180	Lanthanide(III) chelates for NMR biomedical applications. <i>Chemical Society Reviews</i> , <b>1998</b> , 27, 19-29	58.5	612
179	Saliva is a reliable tool to detect SARS-CoV-2. <i>Journal of Infection</i> , <b>2020</b> , 81, e45-e50	18.9	409
178	Conformational and Coordination Equilibria on DOTA Complexes of Lanthanide Metal Ions in Aqueous Solution Studied by (1)H-NMR Spectroscopy. <i>Inorganic Chemistry</i> , <b>1997</b> , 36, 2059-2068	5.1	292
177	Proteome analysis of human substantia nigra in Parkinson's disease. <i>Proteomics</i> , <b>2004</b> , 4, 3943-52	4.8	217
176	Hemoglobin and heme scavenging. <i>IUBMB Life</i> , <b>2005</b> , 57, 749-59	4.7	185
175	Prototropic and Water-Exchange Processes in Aqueous Solutions of Gd(III) Chelates. <i>Accounts of Chemical Research</i> , <b>1999</b> , 32, 941-949	24.3	180
174	Gd(III) complexes as contrast agents for magnetic resonance imaging: a proton relaxation enhancement study of the interaction with human serum albumin. <i>Journal of Biological Inorganic Chemistry</i> , <b>1996</b> , 1, 312-319	3.7	152
173	Allostery in a monomeric protein: the case of human serum albumin. <i>Biophysical Chemistry</i> , <b>2010</b> , 148, 16-22	3.5	131
172	Allosteric modulation of drug binding to human serum albumin. <i>Mini-Reviews in Medicinal Chemistry</i> , <b>2006</b> , 6, 483-9	3.2	123
171	Crystal structure and solution dynamics of the lutetium(III) chelate of DOTA. <i>Inorganica Chimica Acta</i> , <b>1996</b> , 246, 423-429	2.7	122
170	Effect of ibuprofen and warfarin on the allosteric properties of haem-human serum albumin. A spectroscopic study. <i>FEBS Journal</i> , <b>2001</b> , 268, 6214-20		110
169	A topological model of the interaction between alpha-synuclein and sodium dodecyl sulfate micelles. <i>Biochemistry</i> , <b>2005</b> , 44, 329-39	3.2	108
168	The depressive phenotype induced in adult female rats by adolescent exposure to THC is associated with cognitive impairment and altered neuroplasticity in the prefrontal cortex. <i>Neurotoxicity Research</i> , <b>2009</b> , 15, 291-302	4.3	101
167	Modifications of the iron-neuromelanin system in Parkinson's disease. <i>Journal of Neurochemistry</i> , <b>2006</b> , 96, 909-16	6	97
166	Flavonoid binding to human serum albumin. <i>Biochemical and Biophysical Research Communications</i> , <b>2010</b> , 398, 444-9	3.4	96

165	Ibuprofen induces an allosteric conformational transition in the heme complex of human serum albumin with significant effects on heme ligation. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 11677-88	16.4	92
164	Proteomics as a tool to improve investigation of substantial equivalence in genetically modified organisms: the case of a virus-resistant tomato. <i>Proteomics</i> , <b>2004</b> , 4, 193-200	4.8	85
163	NMR Evidence of a Long Exchange Lifetime for the Coordinated Water in Ln(III)-Bis(methyl amide)-DTPA Complexes (Ln = Gd, Dy). <i>Inorganic Chemistry</i> , <b>1994</b> , 33, 4707-4711	5.1	82
162	Cellular models to investigate biochemical pathways in Parkinson's disease. <i>FEBS Journal</i> , <b>2012</b> , 279, 1146-55	5.7	81
161	Ibuprofen impairs allosterically peroxynitrite isomerization by ferric human serum heme-albumin.. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 29441	5.4	78
160	A new ytterbium chelate as contrast agent in chemical shift imaging and temperature sensitive probe for MR spectroscopy. <i>Magnetic Resonance in Medicine</i> , <b>1996</b> , 35, 648-51	4.4	74
159	Structure of the sulfide-reactive hemoglobin from the clam <i>Lucina pectinata</i> . Crystallographic analysis at 1.5 Å resolution. <i>Journal of Molecular Biology</i> , <b>1994</b> , 244, 86-99	6.5	67
158	Serum heme-albumin: an allosteric protein. <i>IUBMB Life</i> , <b>2009</b> , 61, 1118-22	4.7	65
157	Non-ionic Ln(III) chelates as MRI contrast agents: Synthesis, characterisation and <sup>1</sup> H NMR relaxometric investigations of bis(benzylamide)diethylenetriaminepentaacetic acid Lu(III) and Gd(III) complexes. <i>Inorganica Chimica Acta</i> , <b>1997</b> , 254, 63-70	2.7	59
156	Residual substantia nigra neuromelanin in Parkinson's disease is cross-linked to alpha-synuclein. <i>Neurochemistry International</i> , <b>2003</b> , 42, 603-6	4.4	58
155	Heme impairs allosterically drug binding to human serum albumin Sudlow's site I. <i>Biochemical and Biophysical Research Communications</i> , <b>2005</b> , 334, 481-6	3.4	57
154	Allosteric modulation of myristate and Mn(III)heme binding to human serum albumin. Optical and NMR spectroscopy characterization. <i>FEBS Journal</i> , <b>2005</b> , 272, 4672-83	5.7	50
153	Structural determinants of fluoride and formate binding to hemoglobin and myoglobin: crystallographic and <sup>1</sup> H-NMR relaxometric study. <i>Biophysical Journal</i> , <b>1996</b> , 70, 482-8	2.9	48
152	Binding of anti-HIV drugs to human serum albumin. <i>IUBMB Life</i> , <b>2004</b> , 56, 609-14	4.7	47
151	Rapid Salivary Test suitable for a mass screening program to detect SARS-CoV-2: A diagnostic accuracy study. <i>Journal of Infection</i> , <b>2020</b> , 81, e75-e78	18.9	45
150	Q-band EPR investigations of neuromelanin in control and Parkinson's disease patients. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2000</b> , 1500, 306-12	6.9	43
149	<sup>1</sup> H and <sup>17</sup> O-NMR relaxometric investigations of paramagnetic contrast agents for MRI. Clues for higher relaxivities. <i>Coordination Chemistry Reviews</i> , <b>1999</b> , 185-186, 321-333	23.2	43
148	Heme-based catalytic properties of human serum albumin. <i>Cell Death Discovery</i> , <b>2015</b> , 1, 15025	6.9	42

147	EPR investigations of the iron domain in neuromelanin. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>1997</b> , 1361, 49-58	6.9	42
146	The heme-iron geometry of ferrous nitrosylated heme-serum lipoproteins, hemopexin, and albumin: a comparative EPR study. <i>Journal of Inorganic Biochemistry</i> , <b>2002</b> , 91, 487-90	4.2	41
145	Clinical relevance of drug binding to plasma proteins. <i>Journal of Molecular Structure</i> , <b>2014</b> , 1077, 4-13	3.4	40
144	Azide, cyanide, fluoride, imidazole and pyridine binding to ferric and ferrous native horse heart cytochrome c and to its carboxymethylated derivative: a comparative study. <i>Journal of Inorganic Biochemistry</i> , <b>1996</b> , 62, 213-22	4.2	40
143	The C-terminal domain of the transcriptional corepressor CtBP is intrinsically unstructured. <i>Protein Science</i> , <b>2006</b> , 15, 1042-50	6.3	39
142	Ibuprofen impairs allosterically peroxynitrite isomerization by ferric human serum heme-albumin. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 31006-17	5.4	38
141	Determination of anti-HIV drug concentration in human plasma by MALDI-TOF/TOF. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2006</b> , 833, 109-16	3.2	38
140	Is neuromelanin changed in Parkinson's disease? Investigations by magnetic spectroscopies. <i>Journal of Neural Transmission</i> , <b>2006</b> , 113, 769-74	4.3	38
139	Heme binding to albuminoid proteins is the result of recent evolution. <i>IUBMB Life</i> , <b>2007</b> , 59, 436-40	4.7	37
138	Isolation and <sup>13</sup> C-NMR characterization of an insoluble proteinaceous fraction from substantia nigra of patients with Parkinson's disease. <i>Movement Disorders</i> , <b>2000</b> , 15, 977-81	7	37
137	Adolescent THC exposure in female rats leads to cognitive deficits through a mechanism involving chromatin modifications in the prefrontal cortex. <i>Journal of Psychiatry and Neuroscience</i> , <b>2018</b> , 43, 87-101	4.5	37
136	Dopaminergic therapies modulate the T-CELL proteome of patients with Parkinson's disease. <i>IUBMB Life</i> , <b>2012</b> , 64, 846-52	4.7	36
135	Abacavir modulates peroxynitrite-mediated oxidation of ferrous nitrosylated human serum heme-albumin. <i>Biochemical and Biophysical Research Communications</i> , <b>2007</b> , 353, 469-74	3.4	36
134	Effect of bezafibrate and clofibrate on the heme-iron geometry of ferrous nitrosylated heme-human serum albumin: an EPR study. <i>Journal of Inorganic Biochemistry</i> , <b>2001</b> , 84, 293-6	4.2	36
133	Statistical analysis of proteomics data: A review on feature selection. <i>Journal of Proteomics</i> , <b>2019</b> , 198, 18-26	3.9	36
132	Ibuprofen binding to secondary sites allosterically modulates the spectroscopic and catalytic properties of human serum heme-albumin. <i>FEBS Journal</i> , <b>2011</b> , 278, 654-62	5.7	35
131	Allosteric and binding properties of Asp1-Glu382 truncated recombinant human serum albumin--an optical and NMR spectroscopic investigation. <i>FEBS Journal</i> , <b>2009</b> , 276, 2241-50	5.7	35
130	Evidence for a glycidic-lipidic matrix in human neuromelanin, potentially responsible for the enhanced iron sequestering ability of substantia nigra. <i>Journal of Neurochemistry</i> , <b>1994</b> , 62, 369-71	6	35

129	Allosteric modulation of anti-HIV drug and ferric heme binding to human serum albumin. <i>FEBS Journal</i> , <b>2005</b> , 272, 6287-96	5.7	35
128	Proteomic analysis of dopamine and $\alpha$ -Synuclein interplay in a cellular model of Parkinson's disease pathogenesis. <i>FEBS Journal</i> , <b>2010</b> , 277, 4909-19	5.7	34
127	Molecular Recognition of R- and T-States of Human Adult Hemoglobin by a Paramagnetic Gd(III) Complex by Means of the Measurement of Solvent Water Proton Relaxation Rate. <i>Journal of the American Chemical Society</i> , <b>1995</b> , 117, 9365-9366	16.4	34
126	Modulation of heme and myristate binding to human serum albumin by anti-HIV drugs. An optical and NMR spectroscopic study. <i>FEBS Journal</i> , <b>2007</b> , 274, 4491-502	5.7	33
125	Binding of $\Delta^9$ -tetrahydrocannabinol and diazepam to human serum albumin. <i>IUBMB Life</i> , <b>2011</b> , 63, 446-514.7	4.7	32
124	$\alpha$ -Synuclein protects SH-SY5Y cells from dopamine toxicity. <i>Biochemical and Biophysical Research Communications</i> , <b>2006</b> , 349, 1294-300	3.4	32
123	Discovery and verification of panels of T-lymphocyte proteins as biomarkers of Parkinson's disease. <i>Scientific Reports</i> , <b>2012</b> , 2, 953	4.9	31
122	Relaxometric characterization of human hemalbumin. <i>Journal of Biological Inorganic Chemistry</i> , <b>2001</b> , 6, 650-8	3.7	31
121	Magnetic investigations of human mesencephalic neuromelanin. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2002</b> , 1586, 210-8	6.9	31
120	Synthesis and characterization of a novel DTPA-like gadolinium(III) complex: a potential reagent for the determination of glycated proteins by water proton NMR relaxation measurements. <i>Inorganic Chemistry</i> , <b>1993</b> , 32, 2068-2071	5.1	31
119	Mitochondrial proteomics investigation of a cellular model of impaired dopamine homeostasis, an early step in Parkinson's disease pathogenesis. <i>Molecular BioSystems</i> , <b>2014</b> , 10, 1332-44		30
118	$\alpha$ -Tocopherol binding to human serum albumin. <i>BioFactors</i> , <b>2013</b> , 39, 294-303	6.1	29
117	Lymphocyte proteomics of Parkinson's disease patients reveals cytoskeletal protein dysregulation and oxidative stress. <i>Biomarkers in Medicine</i> , <b>2009</b> , 3, 117-28	2.3	29
116	Effect of prototypic drugs ibuprofen and warfarin on global chaotropic unfolding of human serum heme-albumin: a fast-field-cycling $^1\text{H}$ -NMR relaxometric study. <i>Biophysical Chemistry</i> , <b>2007</b> , 129, 29-35	3.5	29
115	Nuclear magnetic relaxation dispersion profiles of substantia nigra pars compacta in Parkinson's disease patients are consistent with protein aggregation. <i>Neurochemistry International</i> , <b>2000</b> , 37, 331-6	4.4	29
114	Inhibition of bovine beta-trypsin, human alpha-thrombin and porcine pancreatic beta-kallikrein-B by 4',6-diamidino-2-phenylindole, 6-amidinoindole and benzamidine: a comparative thermodynamic and X-ray structural study. <i>Biophysical Chemistry</i> , <b>1995</b> , 54, 75-81	3.5	28
113	Paramagnetic Gd(III)/Fe(III) heterobimetallic complexes of DTPA-bis-salicylamide. <i>Spectrochimica Acta Part A: Molecular Spectroscopy</i> , <b>1993</b> , 49, 1315-1322		28
112	Drug binding to Sudlow's site I impairs allosterically human serum heme-albumin-catalyzed peroxynitrite detoxification. <i>IUBMB Life</i> , <b>2010</b> , 62, 776-80	4.7	27

111	Relaxometric Determination of the Exchange Rate of the Coordinated Water Protons in a Neutral GdIII Chelate. <i>Chemistry - A European Journal</i> , <b>1997</b> , 3, 1499-1504	4.8	27
110	Reductive nitrosylation and peroxynitrite-mediated oxidation of heme-hemopexin. <i>FEBS Journal</i> , <b>2007</b> , 274, 551-62	5.7	27
109	Mitochondrial alterations in Parkinson's disease human samples and cellular models. <i>Neurochemistry International</i> , <b>2018</b> , 118, 61-72	4.4	26
108	Mn(II) binding to human serum albumin: a $^1\text{H}$ -NMR relaxometric study. <i>Journal of Inorganic Biochemistry</i> , <b>2012</b> , 117, 198-203	4.2	26
107	Isoniazid and rifampicin inhibit allosterically heme binding to albumin and peroxynitrite isomerization by heme-albumin. <i>Journal of Biological Inorganic Chemistry</i> , <b>2011</b> , 16, 97-108	3.7	26
106	Alpha-synuclein and Parkinson's disease: a proteomic view. <i>Expert Review of Proteomics</i> , <b>2008</b> , 5, 239-48	4.2	26
105	Allosteric modulation of monomeric proteins*. <i>Biochemistry and Molecular Biology Education</i> , <b>2005</b> , 33, 169-76	1.3	26
104	NMR studies of melanins: characterization of a soluble melanin free acid from Sepia ink. <i>Pigment Cell &amp; Melanoma Research</i> , <b>1991</b> , 4, 216-21		26
103	Parkinson's disease plasma biomarkers: an automated literature analysis followed by experimental validation. <i>Journal of Proteomics</i> , <b>2013</b> , 90, 107-14	3.9	25
102	Ibuprofen modulates allosterically NO dissociation from ferrous nitrosylated human serum heme-albumin by binding to three sites. <i>Biochemical and Biophysical Research Communications</i> , <b>2009</b> , 387, 83-6	3.4	25
101	Prevention and modulation of aminoglycoside ototoxicity (Review). <i>Molecular Medicine Reports</i> , <b>2008</b> , 1, 3-13	2.9	25
100	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> , <b>2014</b> , 9, e104231	3.7	24
99	Reductive nitrosylation of ferric human serum heme-albumin. <i>FEBS Journal</i> , <b>2010</b> , 277, 2474-85	5.7	24
98	Isoniazid inhibits the heme-based reactivity of Mycobacterium tuberculosis truncated hemoglobin N. <i>PLoS ONE</i> , <b>2013</b> , 8, e69762	3.7	24
97	Toward the Standardization of Mitochondrial Proteomics: The Italian Mitochondrial Human Proteome Project Initiative. <i>Journal of Proteome Research</i> , <b>2017</b> , 16, 4319-4329	5.6	23
96	Imatinib binding to human serum albumin modulates heme association and reactivity. <i>Archives of Biochemistry and Biophysics</i> , <b>2014</b> , 560, 100-12	4.1	22
95	A meta-analysis of two-dimensional electrophoresis pattern of the Parkinson's disease-related protein DJ-1. <i>Bioinformatics</i> , <b>2010</b> , 26, 946-52	7.2	22
94	O <sub>2</sub> -mediated oxidation of hemopexin-heme(II)-NO. <i>Biochemical and Biophysical Research Communications</i> , <b>2006</b> , 345, 704-12	3.4	22

93	Experimental Evidence for a Second Coordination Sphere Water Molecule in the Hydration Structure of YbDTPA Insights for a Re-Assessment of the Relaxivity Data of GdDTPA. <i>European Journal of Inorganic Chemistry</i> , <b>2000</b> , 2000, 971-977	2.3	22
92	Systems biology analysis of the proteomic alterations induced by MPP(+), a Parkinson's disease-related mitochondrial toxin. <i>Frontiers in Cellular Neuroscience</i> , <b>2015</b> , 9, 14	6.1	20
91	Murine macrophages response to iron. <i>Journal of Proteomics</i> , <b>2012</b> , 76 Spec No., 10-27	3.9	20
90	Diagnostic Salivary Tests for SARS-CoV-2. <i>Journal of Dental Research</i> , <b>2021</b> , 100, 115-123	8.1	20
89	Proteomics in Parkinson's disease: An unbiased approach towards peripheral biomarkers and new therapies. <i>Journal of Biotechnology</i> , <b>2011</b> , 156, 325-37	3.7	19
88	Abacavir and warfarin modulate allosterically kinetics of NO dissociation from ferrous nitrosylated human serum heme-albumin. <i>Biochemical and Biophysical Research Communications</i> , <b>2008</b> , 369, 686-91	3.4	19
87	Dopamine induces mitochondrial depolarization without activating PINK1-mediated mitophagy. <i>Journal of Neurochemistry</i> , <b>2016</b> , 136, 1219-1231	6	19
86	Warfarin modulates the nitrite reductase activity of ferrous human serum heme-albumin. <i>Journal of Biological Inorganic Chemistry</i> , <b>2013</b> , 18, 939-46	3.7	18
85	Peripheral biomarkers of Parkinson's disease as early reporters of central neurodegeneration. <i>Biomarkers in Medicine</i> , <b>2008</b> , 2, 465-78	2.3	18
84	Proteome analysis of mesencephalic tissues: evidence for Parkinson's disease. <i>Neurological Sciences</i> , <b>2003</b> , 24, 155-6	3.5	18
83	Reversible two-step unfolding of heme-human serum albumin: a (1)H-NMR relaxometric and circular dichroism study. <i>Journal of Biological Inorganic Chemistry</i> , <b>2009</b> , 14, 209-17	3.7	17
82	Heme-hemopexin: a 'chronosteric' heme-protein. <i>IUBMB Life</i> , <b>2007</b> , 59, 700-8	4.7	17
81	Binding and relaxometric properties of heme complexes with cyanogen bromide fragments of human serum albumin. <i>Biophysical Journal</i> , <b>2002</b> , 83, 2248-58	2.9	17
80	Metal complexes as allosteric effectors of human hemoglobin: an NMR study of the interaction of the gadolinium(III) bis(m-boroxypheylamide)diethylenetriaminepentaacetic acid complex with human oxygenated and deoxygenated hemoglobin. <i>Biophysical Journal</i> , <b>1999</b> , 76, 2735-43	2.9	16
79	Verification of a Parkinson's disease protein signature in T-lymphocytes by multiple reaction monitoring. <i>Journal of Proteome Research</i> , <b>2014</b> , 13, 3554-61	5.6	15
78	Pseudo-enzymatic hydrolysis of 4-nitrophenyl acetate by human serum albumin: pH-dependence of rates of individual steps. <i>Biochemical and Biophysical Research Communications</i> , <b>2012</b> , 424, 451-5	3.4	15
77	Metal ion content in <i>Sepia officinalis</i> melanin. <i>Marine Chemistry</i> , <b>1992</b> , 39, 243-250	3.7	15
76	Altered dopamine homeostasis differentially affects mitochondrial voltage-dependent anion channels turnover. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2014</b> , 1842, 1816-22	6.9	14

75	Stabilization of the T-state of ferrous human adult and fetal hemoglobin by Ln(III) complexes: a thermodynamic study. <i>Journal of Inorganic Biochemistry</i> , <b>1998</b> , 71, 37-43	4.2	14
74	Paramagnetic water proton relaxation enhancement: from contrast agents in MRI to reagents for quantitative "in vitro" assays. <i>Magnetic Resonance Imaging</i> , <b>1992</b> , 10, 849-54	3.3	14
73	Sequence analysis of serum albumins reveals the molecular evolution of ligand recognition properties. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2012</b> , 29, 691-701	3.6	13
72	Reciprocal allosteric modulation of carbon monoxide and warfarin binding to ferrous human serum heme-albumin. <i>PLoS ONE</i> , <b>2013</b> , 8, e58842	3.7	13
71	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> , <b>2016</b> , 590, 56-63	4.1	12
70	Ibuprofen and warfarin modulate allosterically ferrous human serum heme-albumin nitrosylation. <i>Biochemical and Biophysical Research Communications</i> , <b>2011</b> , 411, 185-9	3.4	12
69	Proteomics as a tool to investigate cell models for dopamine toxicity. <i>Parkinsonism and Related Disorders</i> , <b>2008</b> , 14 Suppl 2, S135-8	3.6	12
68	Nitrosylation of rabbit ferrous heme-hemopexin. <i>Journal of Biological Inorganic Chemistry</i> , <b>2004</b> , 9, 800-6	3.7	12
67	A systems biology-led insight into the role of the proteome in neurodegenerative diseases. <i>Expert Review of Proteomics</i> , <b>2016</b> , 13, 845-55	4.2	12
66	Evidence for pH-dependent multiple conformers in iron(II) heme-human serum albumin: spectroscopic and kinetic investigation of carbon monoxide binding. <i>Journal of Biological Inorganic Chemistry</i> , <b>2012</b> , 17, 133-47	3.7	11
65	The expression of the DeltaNp73beta isoform of p73 leads to tetraploidy. <i>European Journal of Cancer</i> , <b>2009</b> , 45, 443-53	7.5	11
64	Surface changes and role of buried water molecules during the sulfane sulfur transfer in rhodanese from <i>Azotobacter vinelandii</i> : a fluorescence quenching and nuclear magnetic relaxation dispersion spectroscopic study. <i>Biochemistry</i> , <b>2003</b> , 42, 8550-7	3.2	11
63	NMR relaxometric investigation on human methemoglobin and fluoromethemoglobin. An improved quantitative in vitro assay of human methemoglobin. <i>Magnetic Resonance in Medicine</i> , <b>1995</b> , 33, 827-31	4.4	11
62	Pseudo-enzymatic hydrolysis of 4-nitrophenyl myristate by human serum albumin. <i>Biochemical and Biophysical Research Communications</i> , <b>2012</b> , 422, 219-23	3.4	10
61	O <sub>2</sub> -mediated oxidation of ferrous nitrosylated human serum heme-albumin is limited by nitrogen monoxide dissociation. <i>Biochemical and Biophysical Research Communications</i> , <b>2011</b> , 406, 112-6	3.4	10
60	Do hemoglobin and hemocyanin impair schistosoma killing by no?. <i>IUBMB Life</i> , <b>2002</b> , 53, 287-8	4.7	10
59	Modulation of the antioxidant activity of HO* scavengers by albumin binding: a 19F-NMR study. <i>Biochemical and Biophysical Research Communications</i> , <b>2003</b> , 307, 962-6	3.4	10
58	An NMR study of the interaction between melanin free acid and Mn <sup>2+</sup> ions as a model to mimic the enhanced proton relaxation rates in melanotic melanoma. <i>Magnetic Resonance Imaging</i> , <b>1991</b> , 9, 963-8	3.3	9



57	NMR relaxometric studies of water accessibility to haem cavity in horse heart and sperm whale myoglobin. <i>Magnetic Resonance in Chemistry</i> , <b>1993</b> , 31, S85-S89	2.1	9
56	Mycobacterial and Human Nitrobindins: Structure and Function. <i>Antioxidants and Redox Signaling</i> , <b>2020</b> , 33, 229-246	8.4	9
55	Cantharidin inhibits competitively heme-Fe(III) binding to the FA1 site of human serum albumin. <i>Journal of Molecular Recognition</i> , <b>2017</b> , 30, e2641	2.6	8
54	The mitochondrial Italian Human Proteome Project initiative (mt-HPP). <i>Molecular BioSystems</i> , <b>2013</b> , 9, 1984-92		8
53	Drugs modulate allosterically heme-Fe-recognition by human serum albumin and heme-fe-mediated reactivity. <i>Current Pharmaceutical Design</i> , <b>2015</b> , 21, 1837-47	3.3	8
52	Towards a functional definition of the mitochondrial human proteome. <i>EuPA Open Proteomics</i> , <b>2016</b> , 10, 24-27	0.1	7
51	Multiple isoforms and differential allelic expression of CHRNA5 in lung tissue and lung adenocarcinoma. <i>Carcinogenesis</i> , <b>2013</b> , 34, 1281-5	4.6	7
50	Characterization of the c.190T>C missense mutation in BRCA1 codon 64 (Cys64Arg). <i>International Journal of Oncology</i> , <b>2009</b> , 34, 1005-15	1	7
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48	The proteomic approach in Parkinson's disease. <i>Proteomics - Clinical Applications</i> , <b>2007</b> , 1, 1428-35	3.1	7
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