

Alessandro Desideri

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/7918916/alessandro-desideri-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

261
papers

5,065
citations

36
h-index

49
g-index

268
ext. papers

5,576
ext. citations

5.3
avg, IF

5.14
L-index

#	Paper	IF	Citations
261	From Antarctica to cancer research: a novel human DNA topoisomerase 1B inhibitor from Antarctic sponge <i>Dendrilla antarctica</i> . <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2022 , 37, 1404-1410	5.6	0
260	AS1411 Aptamer Linked to DNA Nanostructures Diverts Its Traffic Inside Cancer Cells and Improves Its Therapeutic Efficacy. <i>Pharmaceutics</i> , 2021 , 13,	6.4	7
259	Natural Compounds as Therapeutic Agents: The Case of Human Topoisomerase IB. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
258	Reconstructing the Free Energy Profiles Describing the Switching Mechanism of a pH-Dependent DNA Nanodevice from ABMD Simulations. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 4052	2.6	1
257	In Vitro and In Silico Characterization of an Antimalarial Compound with Antitumor Activity Targeting Human DNA Topoisomerase IB. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
256	GATA6 deficiency leads to epithelial barrier dysfunction and enhances susceptibility to gut inflammation. <i>Journal of Crohns and Colitis</i> , 2021 ,	1.5	3
255	Ruthenium(II) Diphosphine Complexes with Mercapto Ligands That Inhibit Topoisomerase IB and Suppress Tumor Growth In Vivo. <i>Inorganic Chemistry</i> , 2021 , 60, 14174-14189	5.1	1
254	Combined and selective miR-21 silencing and doxorubicin delivery in cancer cells using tailored DNA nanostructures. <i>Cell Death and Disease</i> , 2021 , 12, 7	9.8	6
253	Can Gut Microbiota Be a Good Predictor for Parkinson's Disease? A Machine Learning Approach. <i>Brain Sciences</i> , 2020 , 10,	3.4	11
252	Quercetin pentaacetate inhibits in vitro human respiratory syncytial virus adhesion. <i>Virus Research</i> , 2020 , 276, 197805	6.4	20
251	Plant microRNAs from Regulate Immune Response and HIV Infection. <i>Frontiers in Pharmacology</i> , 2020 , 11, 620038	5.6	3
250	Non-mutagenic Ru(II) complexes: cytotoxicity, topoisomerase IB inhibition, DNA and HSA binding. <i>Dalton Transactions</i> , 2019 , 48, 14885-14897	4.3	13
249	Dysbiosis of gut microbiota in a selected population of Parkinson's patients. <i>Parkinsonism and Related Disorders</i> , 2019 , 65, 124-130	3.6	86
248	Probing the Functional Topology of a pH-Dependent Triple Helix DNA Nanoswitch Family through Gaussian Accelerated MD Simulation. <i>Journal of Chemical Information and Modeling</i> , 2019 , 59, 2746-2752	6.1	2
247	Cellular uptake of covalent and non-covalent DNA nanostructures with different sizes and geometries. <i>Nanoscale</i> , 2019 , 11, 10808-10818	7.7	27
246	In Silico and In Cell Analysis of Openable DNA Nanocages for miRNA Silencing. <i>International Journal of Molecular Sciences</i> , 2019 , 21,	6.3	4
245	DNA binding, cytotoxic effects and probable targets of an oxindolimine- π -anadyl complex as an antitumor agent. <i>New Journal of Chemistry</i> , 2019 , 43, 17831-17840	3.6	3

244	Effect of Low-Protein Diet and Inulin on Microbiota and Clinical Parameters in Patients with Chronic Kidney Disease. <i>Nutrients</i> , 2019 , 11,	6.7	23
243	Palladium(ii) complexes with thiosemicarbazones derived from pyrene as topoisomerase IB inhibitors. <i>Dalton Transactions</i> , 2019 , 48, 16509-16517	4.3	22
242	Real-time analysis of cleavage and religation activity of human topoisomerase 1 based on ternary fluorescence resonance energy transfer DNA substrate. <i>Archives of Biochemistry and Biophysics</i> , 2018 , 643, 1-6	4.1	2
241	High-Density ZnO Nanowires as a Reversible Myogenic-Differentiation Switch. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 14097-14107	9.5	19
240	Selective targeting and degradation of doxorubicin-loaded folate-functionalized DNA nanocages. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018 , 14, 1181-1190	6	44
239	Molecular dynamics characterization of the SAMHD1 Aicardi-Goutières Arg145Gln mutant: structural determinants for the impaired tetramerization. <i>Journal of Computer-Aided Molecular Design</i> , 2018 , 32, 623-632	4.2	1
238	A Comparative Genomic Analysis Provides Novel Insights Into the Ecological Success of the Monophasic Serovar 4,[5],12:i:. <i>Frontiers in Microbiology</i> , 2018 , 9, 715	5.7	30
237	Design, selection and optimization of an anti-TRAIL-R2/anti-CD3 bispecific antibody able to educate T cells to recognize and destroy cancer cells. <i>MAbs</i> , 2018 , 10, 1084-1097	6.6	8
236	Entry, fate and degradation of DNA nanocages in mammalian cells: a matter of receptors. <i>Nanoscale</i> , 2018 , 10, 12078-12086	7.7	23
235	Engineering a responsive DNA triple helix into an octahedral DNA nanostructure for a reversible opening/closing switching mechanism: a computational and experimental integrated study. <i>Nucleic Acids Research</i> , 2018 , 46, 9951-9959	20.1	12
234	Structural Evolution and Dynamics of the p53 Proteins. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2017 , 7,	5.4	29
233	A molecular dynamics simulation study decodes the early stage of the disassembly process abolishing the human SAMHD1 function. <i>Journal of Computer-Aided Molecular Design</i> , 2017 , 31, 497-505	4.2	3
232	Efficacy of a Binuclear Cyclopalladated Compound Therapy for Cutaneous Leishmaniasis in the Murine Model of Infection with <i>Leishmania amazonensis</i> and Its Inhibitory Effect on Topoisomerase 1B. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	14
231	Simulative and Experimental Characterization of a pH-Dependent Clamp-like DNA Triple-Helix Nanoswitch. <i>Journal of the American Chemical Society</i> , 2017 , 139, 5321-5329	16.4	19
230	Human topoisomerase inhibition and DNA/BSA binding of Ru(II)-SCAR complexes as potential anticancer candidates for oral application. <i>BioMetals</i> , 2017 , 30, 321-334	3.4	20
229	Ru/Fe bimetallic complexes: Synthesis, characterization, cytotoxicity and study of their interactions with DNA/HSA and human topoisomerase IB. <i>Archives of Biochemistry and Biophysics</i> , 2017 , 636, 28-41	4.1	16
228	Virtual Screening for the Development of Dual-Inhibitors Targeting Topoisomerase IB and Tyrosyl-DNA Phosphodiesterase 1. <i>Current Drug Targets</i> , 2017 , 18, 544-555	3	5
227	The p53 tetramer shows an induced-fit interaction of the C-terminal domain with the DNA-binding domain. <i>Oncogene</i> , 2016 , 35, 3272-81	9.2	30

226	Human topoisomerase IB is a target of a thiosemicarbazone copper(II) complex. <i>Archives of Biochemistry and Biophysics</i> , 2016 , 606, 34-40	4.1	11
225	DNA hairpins promote temperature controlled cargo encapsulation in a truncated octahedral nanocage structure family. <i>Nanoscale</i> , 2016 , 8, 13333-41	7.7	23
224	Inhibition of human DNA topoisomerase IB by nonmutagenic ruthenium(II)-based compounds with antitumoral activity. <i>Metallomics</i> , 2016 , 8, 179-92	4.5	27
223	Comparative simulative analysis of single and double stranded truncated octahedral DNA nanocages. <i>RSC Advances</i> , 2016 , 6, 35160-35166	3.7	11
222	Receptor-Mediated Entry of Pristine Octahedral DNA Nanocages in Mammalian Cells. <i>ACS Nano</i> , 2016 , 10, 5971-9	16.7	60
221	A Simple and Fast Semiautomatic Procedure for the Atomistic Modeling of Complex DNA Polyhedra. <i>Journal of Chemical Information and Modeling</i> , 2016 , 56, 941-9	6.1	16
220	Metal complexes of 3-(4-bromophenyl)-1-pyridin-2-ylprop-2-en-1-one thiosemicarbazone: cytotoxic activity and investigation on the mode of action of the gold(III) complex. <i>BioMetals</i> , 2016 , 29, 515-26	3.4	16
219	Role of 13-(di)phenylalkyl berberine derivatives in the modulation of the activity of human topoisomerase IB. <i>International Journal of Biological Macromolecules</i> , 2015 , 77, 68-75	7.9	21
218	Molecular Characterization of the First Ebola Virus Isolated in Italy, from a Health Care Worker Repatriated from Sierra Leone. <i>Genome Announcements</i> , 2015 , 3,		10
217	Tuning the isoelectric point of graphene by electrochemical functionalization. <i>Scientific Reports</i> , 2015 , 5, 11794	4.9	39
216	Mutation of Gly717Phe in human topoisomerase 1B has an effect on enzymatic function, reactivity to the camptothecin anticancer drug and on the linker domain orientation. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2015 , 1854, 860-8	4	11
215	Molecular mechanism of statin-mediated LOX-1 inhibition. <i>Cell Cycle</i> , 2015 , 14, 1583-95	4.7	24
214	The Potential of Nucleic Acid-Based Nanoparticles for Biomedical Application. <i>Nano LIFE</i> , 2015 , 05, 1541004	10.4	5
213	Oxidovanadium(IV) complexes with chrysin and silibinin: anticancer activity and mechanisms of action in a human colon adenocarcinoma model. <i>Journal of Biological Inorganic Chemistry</i> , 2015 , 20, 1175-91	3.7	54
212	Real-Time Label-Free Direct Electronic Monitoring of Topoisomerase Enzyme Binding Kinetics on Graphene. <i>ACS Nano</i> , 2015 , 9, 11166-76	16.7	35
211	Importance of a stable topoisomerase IB clamping for an efficient DNA processing: Effect of the Lys(369)Glu mutation. <i>International Journal of Biological Macromolecules</i> , 2015 , 81, 76-82	7.9	4
210	Molecular Signature of the Ebola Virus Associated with the Fishermen Community Outbreak in Aberdeen, Sierra Leone, in February 2015. <i>Genome Announcements</i> , 2015 , 3,		3
209	Topoisomerase 1B as a target against leishmaniasis. <i>Mini-Reviews in Medicinal Chemistry</i> , 2015 , 15, 203-10.2	10.2	15

208	Effect of oxindolimine copper(II) and zinc(II) complexes on human topoisomerase I activity. <i>Metallomics</i> , 2014 , 6, 117-25	4.5	33
207	Structural dynamics of V3 loop in a trimeric ambience, a molecular dynamics study on gp120-CD4 trimeric mimic. <i>Journal of Structural Biology</i> , 2014 , 186, 132-40	3.4	4
206	In vitro analysis of pyrogenicity and cytotoxicity profiles of flex sensors to be used to sense human joint postures. <i>Sensors</i> , 2014 , 14, 11672-81	3.8	9
205	Influence of the single-strand linker composition on the structural/dynamical properties of a truncated octahedral DNA nano-cage family. <i>Biopolymers</i> , 2014 , 101, 992-9	2.2	12
204	Geometrical constraints limiting the poly(ADP-ribose) conformation investigated by molecular dynamics simulation. <i>Biopolymers</i> , 2014 , 101, 78-86	2.2	6
203	Mutations of human DNA topoisomerase I at poly(ADP-ribose) binding sites: modulation of camptothecin activity by ADP-ribose polymers. <i>Journal of Experimental and Clinical Cancer Research</i> , 2014 , 33, 71	12.8	3
202	Simulations of DNA topoisomerase 1B bound to supercoiled DNA reveal changes in the flexibility pattern of the enzyme and a secondary protein-DNA binding site. <i>Nucleic Acids Research</i> , 2014 , 42, 9304-12 ¹	29.1	23
201	Rolling circle amplification-based detection of human topoisomerase I activity on magnetic beads. <i>Analytical Biochemistry</i> , 2014 , 451, 42-4	3.1	5
200	A structural modeling approach for the understanding of initiation and elongation of ALS-linked superoxide dismutase fibrils. <i>Journal of Molecular Modeling</i> , 2013 , 19, 3695-704	2	4
199	Design of a novel LOX-1 receptor antagonist mimicking the natural substrate. <i>Biochemical and Biophysical Research Communications</i> , 2013 , 438, 340-5	3.4	23
198	Temperature-controlled encapsulation and release of an active enzyme in the cavity of a self-assembled DNA nanocage. <i>ACS Nano</i> , 2013 , 7, 9724-34	16.7	113
197	Molecular mechanism of the camptothecin resistance of Glu710Gly topoisomerase IB mutant analyzed in vitro and in silico. <i>Molecular Cancer</i> , 2013 , 12, 100	42.1	25
196	Structural dynamics of V3 loop with different electrostatics: implications on co-receptor recognition: a molecular dynamics study of HIV gp120. <i>Journal of Biomolecular Structure and Dynamics</i> , 2013 , 31, 403-13	3.6	14
195	Zinc ion coordination as a modulating factor of the ZnuA histidine-rich loop flexibility: a molecular modeling and fluorescence spectroscopy study. <i>Biochemical and Biophysical Research Communications</i> , 2013 , 430, 769-73	3.4	11
194	Real-time detection of TDP1 activity using a fluorophore-quencher coupled DNA-biosensor. <i>Biosensors and Bioelectronics</i> , 2013 , 48, 230-7	11.8	36
193	The human topoisomerase 1B Arg634Ala mutation results in camptothecin resistance and loss of inter-domain motion correlation. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013 , 1834, 2712-21	4	13
192	Role of human topoisomerase IB on ionizing radiation induced damage. <i>Biochemical and Biophysical Research Communications</i> , 2013 , 432, 545-8	3.4	2
191	Gimatecan and other camptothecin derivatives poison Leishmania DNA-topoisomerase IB leading to a strong leishmanicidal effect. <i>Biochemical Pharmacology</i> , 2013 , 85, 1433-40	6	35

190	A derivative of the natural compound kakuol affects DNA relaxation of topoisomerase IB inhibiting the cleavage reaction. <i>Archives of Biochemistry and Biophysics</i> , 2013 , 530, 7-12	4.1	13
189	Simulative and experimental investigation on the cleavage site that generates the soluble human LOX-1. <i>Archives of Biochemistry and Biophysics</i> , 2013 , 540, 9-18	4.1	14
188	A small organic compound enhances the religation reaction of human topoisomerase I and identifies crucial elements for the religation mechanism. <i>Bioscience Reports</i> , 2013 , 33, e00025	4.1	6
187	Role of the protein in the DNA sequence specificity of the cleavage site stabilized by the camptothecin topoisomerase IB inhibitor: a metadynamics study. <i>Nucleic Acids Research</i> , 2013 , 41, 9977-86	30.1	21
186	Molecular dynamics of the full-length p53 monomer. <i>Cell Cycle</i> , 2013 , 12, 3098-108	4.7	21
185	Solvent dependency of the UV-Vis spectrum of indenoisoquinolines: role of keto-oxygens as polarity interaction probes. <i>PLoS ONE</i> , 2013 , 8, e73881	3.7	3
184	Replacement of the human topoisomerase linker domain with the plasmodial counterpart renders the enzyme camptothecin resistant. <i>PLoS ONE</i> , 2013 , 8, e68404	3.7	12
183	A natural anticancer agent thaspine targets human topoisomerase IB. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2013 , 13, 356-63	2.2	16
182	Droplet microfluidics platform for highly sensitive and quantitative detection of malaria-causing Plasmodium parasites based on enzyme activity measurement. <i>ACS Nano</i> , 2012 , 6, 10676-83	16.7	70
181	Specific detection of topoisomerase I from the malaria causing P. falciparum parasite using isothermal rolling circle amplification. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2012 , 2012, 2416-9	0.9	6
180	Sticholysin II: a pore-forming toxin as a probe to recognize sphingomyelin in artificial and cellular membranes. <i>Toxicon</i> , 2012 , 60, 724-33	2.8	13
179	Binding of an Indenoisoquinoline to the topoisomerase-DNA complex induces reduction of linker mobility and strengthening of protein-DNA interaction. <i>PLoS ONE</i> , 2012 , 7, e51354	3.7	14
178	Importance of V3 loop flexibility and net charge in the context of co-receptor recognition. A molecular dynamics study on HIV gp120. <i>Journal of Biomolecular Structure and Dynamics</i> , 2012 , 29, 879-91	3.6	16
177	Carbon monoxide binding to the heme group at the dimeric interface modulates structure and copper accessibility in the Cu,Zn superoxide dismutase from Haemophilus ducreyi: in silico and in vitro evidences. <i>Journal of Biomolecular Structure and Dynamics</i> , 2012 , 30, 269-79	3.6	4
176	Role of Flexibility in Protein-DNA-Drug Recognition: The Case of Asp677Gly-Val703Ile Topoisomerase Mutant Hypersensitive to Camptothecin. <i>Journal of Amino Acids</i> , 2012 , 2012, 206083		12
175	Interaction between natural compounds and human topoisomerase I. <i>Biological Chemistry</i> , 2012 , 393, 1327-40	4.5	43
174	Inhibition of human DNA topoisomerase IB by a cyclometalated gold III compound: analysis on the different steps of the enzyme catalytic cycle. <i>Archives of Biochemistry and Biophysics</i> , 2011 , 516, 108-12	4.1	23
173	Targeting tumor cells through chitosan-folate modified microcapsules loaded with camptothecin. <i>Bioconjugate Chemistry</i> , 2011 , 22, 1066-72	6.3	49

172	Characterization of a novel CYP2C9 gene mutation and structural bioinformatic protein analysis in a warfarin hypersensitive patient. <i>Pharmacogenetics and Genomics</i> , 2011 , 21, 344-6	1.9	13
171	Detection of quasispecies variants predicted to use CXCR4 by ultra-deep pyrosequencing during early HIV infection. <i>Aids</i> , 2011 , 25, 611-7	3.5	37
170	PVA engineered microcapsules for targeted delivery of camptothecin to HeLa cells. <i>Materials Science and Engineering C</i> , 2011 , 31, 1653-1659	8.3	7
169	The sterile alpha-motif (SAM) domain of p63 binds in vitro monoasialoganglioside (GM1) micelles. <i>Biochemical Pharmacology</i> , 2011 , 82, 1262-8	6	16
168	Structural-dynamical investigation of the ZnuA histidine-rich loop: involvement in zinc management and transport. <i>Journal of Computer-Aided Molecular Design</i> , 2011 , 25, 181-94	4.2	14
167	Evidences of a natively unfolded state for the human topoisomerase IB N-terminal domain. <i>Amino Acids</i> , 2011 , 41, 945-53	3.5	7
166	Simulative Analysis of a Truncated Octahedral DNA Nanocage Family Indicates the Single-Stranded Thymidine Linkers as the Major Player for the Conformational Variability. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 16819-16827	3.8	14
165	ATP independent type IB topoisomerase of <i>Leishmania donovani</i> is stimulated by ATP: an insight into the functional mechanism. <i>Nucleic Acids Research</i> , 2011 , 39, 3295-309	20.1	3
164	Development of derivatives of 3, 3'-diindolylmethane as potent <i>Leishmania donovani</i> bi-subunit topoisomerase IB poisons. <i>PLoS ONE</i> , 2011 , 6, e28493	3.7	10
163	Peptide Inhibition of Topoisomerase IB from <i>Plasmodium falciparum</i> . <i>Molecular Biology International</i> , 2011 , 2011, 854626		6
162	Structural and dynamical effects induced by the anticancer drug topotecan on the human topoisomerase I - DNA complex. <i>PLoS ONE</i> , 2010 , 5, e10934	3.7	30
161	Sampling the structure of the noncanonical lin-4:lin-14 microRNA:mRNA complex by molecular dynamics simulations. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 16443-9	3.4	7
160	Structure of nanoscale truncated octahedral DNA cages: variation of single-stranded linker regions and influence on assembly yields. <i>ACS Nano</i> , 2010 , 4, 1367-76	16.7	42
159	Fe-heme structure in Cu, Zn superoxide dismutase from <i>Haemophilus ducreyi</i> by X-ray absorption spectroscopy. <i>Archives of Biochemistry and Biophysics</i> , 2010 , 498, 43-9	4.1	3
158	Assignment of UV-vis spectrum of (3,3')-diindolylmethane, a <i>Leishmania donovani</i> topoisomerase IB inhibitor and a candidate DNA minor groove binder. <i>Journal of Physical Chemistry A</i> , 2010 , 114, 7121-6	2.8	6
157	Solvent effects on the valence UV-vis absorption spectra of topotecan anticancer drug in aqueous solution at room temperature: a nanoseconds time-scale TD-DFT/MD computational study. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 6770-8	3.4	12
156	Erybraedin C, a natural compound from the plant <i>Bituminaria bituminosa</i> , inhibits both the cleavage and religation activities of human topoisomerase I. <i>Biochemical Journal</i> , 2010 , 425, 531-9	3.8	35
155	An amber compatible molecular mechanics force field for the anticancer drug topotecan. <i>Theoretical Chemistry Accounts</i> , 2010 , 127, 293-302	1.9	9

154	Hif1 α down-regulation is associated with transposition of great arteries in mice treated with a retinoic acid antagonist. <i>BMC Genomics</i> , 2010 , 11, 497	4.5	18
153	Functional analysis and molecular dynamics simulation of LOX-1 K167N polymorphism reveal alteration of receptor activity. <i>PLoS ONE</i> , 2009 , 4, e4648	3.7	47
152	Evidence of the crucial role of the linker domain on the catalytic activity of human topoisomerase I by experimental and simulative characterization of the Lys681Ala mutant. <i>Nucleic Acids Research</i> , 2009 , 37, 6849-58	20.1	28
151	Synergistic antitumor effect between vorinostat and topotecan in small cell lung cancer cells is mediated by generation of reactive oxygen species and DNA damage-induced apoptosis. <i>Molecular Cancer Therapeutics</i> , 2009 , 8, 3075-87	6.1	84
150	10-undecanhydroxamic acid, a hydroxamate derivative of the undecanoic acid, has strong antimicrobial activity through a mechanism that limits iron availability. <i>FEMS Microbiology Letters</i> , 2009 , 294, 61-7	2.9	10
149	Deciphering the structural properties that confer stability to a DNA nanocage. <i>ACS Nano</i> , 2009 , 3, 1813-26.7	26.7	22
148	Conjugated eicosapentaenoic acid inhibits human topoisomerase IB with a mechanism different from camptothecin. <i>Archives of Biochemistry and Biophysics</i> , 2009 , 486, 103-10	4.1	26
147	UV-vis spectra of the anticancer camptothecin family drugs in aqueous solution: specific spectroscopic signatures unraveled by a combined computational and experimental study. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 5369-75	3.4	35
146	Thr729 in human topoisomerase I modulates anti-cancer drug resistance by altering protein domain communications as suggested by molecular dynamics simulations. <i>Nucleic Acids Research</i> , 2008 , 36, 5645-51	20.1	46
145	Structural-dynamical properties of the transmembrane segment VI of the mitochondrial oxoglutarate carrier studied by site directed spin-labeling. <i>Molecular Membrane Biology</i> , 2008 , 25, 236-44	2.4	3
144	Screening of EDA1 gene in X-linked anhidrotic ectodermal dysplasia using DHPLC: identification of 14 novel mutations in Italian patients. <i>Genetic Testing and Molecular Biomarkers</i> , 2008 , 12, 437-42		12
143	Molecular dynamics simulation of human LOX-1 provides an explanation for the lack of OxLDL binding to the Trp150Ala mutant. <i>BMC Structural Biology</i> , 2007 , 7, 73	2.7	24
142	Effects of dutasteride on the expression of genes related to androgen metabolism and related pathway in human prostate cancer cell lines. <i>Investigational New Drugs</i> , 2007 , 25, 491-7	4.3	39
141	Valproic acid induces neuroendocrine differentiation and UGT2B7 up-regulation in human prostate carcinoma cell line. <i>Drug Metabolism and Disposition</i> , 2007 , 35, 968-72	4	36
140	The open state of human topoisomerase I as probed by molecular dynamics simulation. <i>Nucleic Acids Research</i> , 2007 , 35, 3032-8	20.1	20
139	Dynamic changes in gene expression profiles of 22q11 and related orthologous genes during mouse development. <i>Gene</i> , 2007 , 391, 91-102	3.8	10
138	Role of flexibility and long range communication on the function of human topoisomerase I. <i>Italian Journal of Biochemistry</i> , 2007 , 56, 110-4		2
137	The different cleavage DNA sequence specificity explains the camptothecin resistance of the human topoisomerase I Glu418Lys mutant. <i>Nucleic Acids Research</i> , 2006 , 34, 5093-100	20.1	21

136	Structural dynamics of the mitochondrial ADP/ATP carrier revealed by molecular dynamics simulation studies. <i>Proteins: Structure, Function and Bioinformatics</i> , 2006 , 65, 681-91	4.2	29
135	Purification and characterization of recombinant <i>Caulobacter crescentus</i> Cu,Zn superoxide dismutase. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2006 , 1764, 105-9	4	1
134	NMR structure of the p63 SAM domain and dynamical properties of G534V and T537P pathological mutants, identified in the AEC syndrome. <i>Cell Biochemistry and Biophysics</i> , 2006 , 44, 475-89	3.2	15
133	Effect on DNA relaxation of the single Thr718Ala mutation in human topoisomerase I: a functional and molecular dynamics study. <i>Nucleic Acids Research</i> , 2005 , 33, 3339-50	20.1	43
132	New hints on the Ph-driven tautomeric equilibria of the topotecan anticancer drug in aqueous solutions from an integrated spectroscopic and quantum-mechanical approach. <i>Journal of the American Chemical Society</i> , 2005 , 127, 15429-36	16.4	42
131	Evidence of domain formation in cardiolipin-glycerophospholipid mixed monolayers. A thermodynamic and AFM study. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 15950-7	3.4	44
130	X-ray absorption investigation of a unique protein domain able to bind both copper(I) and copper(II) at adjacent sites of the N-terminus of <i>Haemophilus ducreyi</i> Cu,Zn superoxide dismutase. <i>Biochemistry</i> , 2005 , 44, 13144-50	3.2	21
129	Molecular dynamics simulations of the Trp repressor-DNA complex and the AV77 mutant. <i>Computer Physics Communications</i> , 2005 , 169, 130-134	4.2	1
128	Structure of calmodulin complexed with an olfactory CNG channel fragment and role of the central linker: residual dipolar couplings to evaluate calmodulin binding modes outside the kinase family. <i>Journal of Biomolecular NMR</i> , 2005 , 31, 185-99	3	40
127	Substrate-induced conformational changes of the mitochondrial oxoglutarate carrier: a spectroscopic and molecular modelling study. <i>Molecular Membrane Biology</i> , 2005 , 22, 443-52	3.4	17
126	Structural Stability of Azurin Encapsulated in Sol-Gel Glasses: A Fluorometric Study. <i>Journal of Sol-Gel Science and Technology</i> , 2004 , 30, 205-214	2.3	1
125	Thermophilicity of wild type and mutant cold shock proteins by molecular dynamics simulation. <i>Journal of Biomolecular Structure and Dynamics</i> , 2004 , 21, 771-80	3.6	11
124	Role of the linker domain and the 203-214 N-terminal residues in the human topoisomerase I DNA complex dynamics. <i>Biophysical Journal</i> , 2004 , 87, 4087-97	2.9	24
123	Molecular dynamics simulation of the C-terminal sterile alpha-motif domain of human p73alpha: evidence of a dynamical relationship between helices 3 and 5. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 316, 1037-42	3.4	4
122	Single mutation in the linker domain confers protein flexibility and camptothecin resistance to human topoisomerase I. <i>Journal of Biological Chemistry</i> , 2003 , 278, 43268-75	5.4	75
121	Prokaryotic Cu,Zn superoxide dismutases. <i>Biochemical Society Transactions</i> , 2003 , 31, 1322-5	5.1	26
120	Molecular dynamics simulation of matrix metalloproteinase 2: fluctuations and time evolution of recognition pockets. <i>Journal of Computer-Aided Molecular Design</i> , 2003 , 17, 837-48	4.2	12
119	Static and dynamic water molecules in Cu,Zn superoxide dismutase. <i>Proteins: Structure, Function and Bioinformatics</i> , 2003 , 51, 607-15	4.2	15

118	Cost-effectiveness analysis of noninvasive strategies to evaluate patients with chest pain. <i>Journal of the American Society of Echocardiography</i> , 2003 , 16, 1287-91	5.8	20
117	The mitochondrial oxoglutarate carrier: structural and dynamic properties of transmembrane segment IV studied by site-directed spin labeling. <i>Biochemistry</i> , 2003 , 42, 5493-9	3.2	15
116	Active-site copper and zinc ions modulate the quaternary structure of prokaryotic Cu,Zn superoxide dismutase. <i>Journal of Molecular Biology</i> , 2003 , 326, 1351-60	6.5	15
115	Two distinct calcium-calmodulin interactions with N-terminal regions of the olfactory and rod cyclic nucleotide-gated channels characterized by NMR spectroscopy. <i>FEBS Letters</i> , 2003 , 548, 11-6	3.8	7
114	Protein concerted motions in the DNA-human topoisomerase I complex. <i>Nucleic Acids Research</i> , 2003 , 31, 1525-35	20.1	42
113	Local dynamic properties of the heme pocket in native and solvent-induced molten-globule-like states of cytochrome c. <i>Biophysical Chemistry</i> , 2002 , 97, 121-8	3.5	3
112	Flexibility in monomeric Cu,Zn superoxide dismutase detected by limited proteolysis and molecular dynamics simulation. <i>Proteins: Structure, Function and Bioinformatics</i> , 2002 , 47, 513-20	4.2	19
111	Effective binding force calculation in a dimeric protein by molecular dynamics simulation. <i>Journal of Chemical Physics</i> , 2002 , 116, 6329-6338	3.9	26
110	Molecular dynamics simulation of the RNA complex of a double-stranded RNA-binding domain reveals dynamic features of the intermolecular interface and its hydration. <i>Biophysical Journal</i> , 2002 , 83, 3542-52	2.9	23
109	Superoxide dismutase kinetics. <i>Methods in Enzymology</i> , 2002 , 349, 38-49	1.7	7
108	An electrochemical multienzymatic biosensor for determination of cholesterol. <i>Bioelectrochemistry</i> , 2001 , 54, 17-22	5.6	65
107	Cytochrome c reconstituted from two peptide fragments displays native-like redox properties. <i>FEBS Journal</i> , 2001 , 268, 4537-43		10
106	Role of the helix capping in the stability of the mouse prion (180-213) segment: investigation through molecular dynamics simulations. <i>Journal of Biomolecular Structure and Dynamics</i> , 2001 , 19, 237-46	2.6	7
105	A novel heme protein, the Cu,Zn-superoxide dismutase from <i>Haemophilus ducreyi</i> . <i>Journal of Biological Chemistry</i> , 2001 , 276, 30326-34	5.4	28
104	Dynamic features of the subunit interface of Cu,Zn superoxide dismutase as probed by tryptophan phosphorescence. <i>Archives of Biochemistry and Biophysics</i> , 2001 , 391, 111-8	4.1	3
103	Structure and hydration of the DNA-human topoisomerase I covalent complex. <i>Biophysical Journal</i> , 2001 , 81, 490-500	2.9	23
102	Structure and stability of the insulin dimer investigated by molecular dynamics simulation. <i>Journal of Biomolecular Structure and Dynamics</i> , 2001 , 18, 761-72	3.6	23
101	Membrane-perturbing activity of Viperidae myotoxins: an electrostatic surface potential approach to a puzzling problem. <i>Journal of Molecular Recognition</i> , 2000 , 13, 14-9	2.6	16

100	Role of the tertiary and quaternary structures in the stability of dimeric copper, zinc superoxide dismutases. <i>Archives of Biochemistry and Biophysics</i> , 2000 , 377, 215-8	4.1	34
99	The heme-containing N-fragment (residues 1-56) of cytochrome c is a bis-histidine functional system. <i>Archives of Biochemistry and Biophysics</i> , 2000 , 379, 331-6	4.1	16
98	Single mutation induces a metal-dependent subunit association in dimeric Cu,Zn superoxide dismutase. <i>Biochemical and Biophysical Research Communications</i> , 2000 , 272, 81-3	3.4	15
97	Functional and crystallographic characterization of <i>Salmonella typhimurium</i> Cu,Zn superoxide dismutase coded by the <i>sodCI</i> virulence gene. <i>Journal of Molecular Biology</i> , 2000 , 302, 465-78	6.5	44
96	Single mutation at the intersubunit interface confers extra efficiency to Cu,Zn superoxide dismutase. <i>FEBS Letters</i> , 2000 , 483, 17-20	3.8	17
95	Anion size modulates the structure of the A state of cytochrome c. <i>Biochemistry</i> , 2000 , 39, 12632-8	3.2	56
94	Molecular dynamics simulation of solvated azurin: correlation between surface solvent accessibility and water residence times. <i>Proteins: Structure, Function and Bioinformatics</i> , 2000 , 39, 56-67	4.2	76
93	A model for the incorporation of metal from the copper chaperone CCS into Cu,Zn superoxide dismutase. <i>Structure</i> , 1999 , 7, 903-8	5.2	13
92	Formation of a molten-globule-like state of cytochrome c induced by high concentrations of glycerol. <i>Biochimie</i> , 1999 , 81, 745-51	4.6	21
91	Evolutionary constraints for dimer formation in prokaryotic Cu,Zn superoxide dismutase. <i>Journal of Molecular Biology</i> , 1999 , 285, 283-96	6.5	59
90	Characterization of the spectroscopic properties of the Cu,Co cluster in a prokaryotic superoxide dismutase. <i>Archives of Biochemistry and Biophysics</i> , 1999 , 366, 70-4	4.1	3
89	Toward the engineering of a super efficient enzyme. <i>Biochemical and Biophysical Research Communications</i> , 1999 , 256, 425-8	3.4	14
88	EPR detection of protein-derived radicals in the reaction of H ₂ O ₂ with Fe bound in mitochondrial F(1)ATPase. <i>Biochemical and Biophysical Research Communications</i> , 1999 , 263, 281-5	3.4	6
87	Role of the electrostatic loop charged residues in Cu,Zn superoxide dismutase. <i>Protein Science</i> , 1998 , 7, 2354-8	6.3	30
86	Cu,Zn superoxide dismutase from <i>Photobacterium leiognathi</i> is an hyperefficient enzyme. <i>Biochemistry</i> , 1998 , 37, 12287-92	3.2	27
85	Conserved enzyme-substrate electrostatic attraction in prokaryotic Cu,Zn superoxide dismutases. <i>Biochemical and Biophysical Research Communications</i> , 1998 , 244, 908-11	3.4	24
84	Fourier transform infrared analysis of the interaction of azide with the active site of oxidized and reduced bovine Cu,Zn superoxide dismutase. <i>Biochemistry</i> , 1998 , 37, 4459-64	3.2	23
83	Structural and dynamic properties of the homodimeric hemoglobin from <i>Scapharca inaequalvis</i> Thr-72→Ile mutant: molecular dynamics simulation, low temperature visible absorption spectroscopy, and resonance Raman spectroscopy studies. <i>Biophysical Journal</i> , 1998 , 75, 2489-503	2.9	6

82	Role of the dimeric structure in Cu,Zn superoxide dismutase. pH-dependent, reversible denaturation of the monomeric enzyme from <i>Escherichia coli</i> . <i>Journal of Biological Chemistry</i> , 1998 , 273, 5655-61	5.4	62
81	Spectroscopic characterization of recombinant Cu,Zn superoxide dismutase from <i>Photobacterium leiognathi</i> expressed in <i>Escherichia coli</i> : evidence for a novel catalytic copper binding site. <i>Biochemistry</i> , 1997 , 36, 7109-13	3.2	27
80	Evidence of his61 imidazolite bridge rupture in reduced crystalline Cu,Zn superoxide dismutase. <i>Biochemical and Biophysical Research Communications</i> , 1997 , 241, 119-21	3.4	18
79	Unique structural features of the monomeric Cu,Zn superoxide dismutase from <i>Escherichia coli</i> , revealed by X-ray crystallography. <i>Journal of Molecular Biology</i> , 1997 , 274, 408-20	6.5	73
78	Comparative stability studies on the iron and manganese forms of the cambialistic superoxide dismutase from <i>Propionibacterium shermanii</i> . <i>FEBS Letters</i> , 1997 , 414, 122-4	3.8	20
77	Characterization of Cu,Zn superoxide dismutase from the bathophile fish, <i>Lampanyctus crocodilus</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 1997 , 117, 403-7	2.3	8
76	Characterization of the binding of Fe(III) to F1ATPase from bovine heart mitochondria. <i>FEBS Letters</i> , 1996 , 379, 231-5	3.8	8
75	Diving behaviour and haemoglobin function: the primary structure of the alpha- and beta-chains of the sea turtle (<i>Caretta caretta</i>) and its functional implications. <i>Biochemical Journal</i> , 1996 , 316 (Pt 3), 959-65	3.8	12
74	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> , 1996 , 62, 213-22	4.2	40
73	Identification of the residues responsible for the alkaline inhibition of Cu,Zn superoxide dismutase: a site-directed mutagenesis approach. <i>Protein Science</i> , 1996 , 5, 248-53	6.3	10
72	Crystallization and preliminary X-ray analysis of the monomeric Cu,Zn superoxide dismutase from <i>Escherichia coli</i> . <i>Protein Science</i> , 1996 , 5, 2125-7	6.3	10
71	Modelling the three-dimensional structure and the electrostatic potential field of two Cu,Zn superoxide dismutase variants from tomato leaves. <i>Protein Engineering, Design and Selection</i> , 1995 , 8, 551-6	1.9	7
70	Low-temperature optical spectroscopy of cobalt in Cu,Co superoxide dismutase: a structural dynamics study of the solvent-unaccessible metal site. <i>Biochemistry</i> , 1995 , 34, 16313-9	3.2	12
69	Modulation of the catalytic rate of Cu,Zn superoxide dismutase in single and double mutants of conserved positively and negatively charged residues. <i>Biochemistry</i> , 1995 , 34, 6043-9	3.2	45
68	Reptile heme protein structure: X-ray crystallographic study of the aquo-met and cyano-met derivatives of the loggerhead sea turtle (<i>Caretta caretta</i>) myoglobin at 2.0 Å resolution. <i>Journal of Molecular Biology</i> , 1995 , 247, 459-65	6.5	26
67	Formate binding to ferric wild type and mutant myoglobins thermodynamic and X-ray crystallographic study. <i>FEBS Letters</i> , 1995 , 357, 227-9	3.8	7
66	A two-dimensional NMR study of bovine Cu, Co superoxide dismutase. Further assignments in the region surrounding the active site. <i>FEBS Journal</i> , 1995 , 227, 441-7		3
65	Simulation of superoxide-superoxide dismutase association rate for six natural variants. Comparison with the experimental catalytic rate. <i>The Journal of Physical Chemistry</i> , 1994 , 98, 10554-10557		26

64	Nitric oxide binding to ferrous native horse heart cytochrome c and to its carboxymethylated derivative: a spectroscopic and thermodynamic study. <i>Journal of Inorganic Biochemistry</i> , 1994 , 53, 273-80 ^{4.2}	4.2	45
63	Mini-myoglobin: native-like folding of the NO-derivative. <i>BBA - Proteins and Proteomics</i> , 1994 , 1204, 28-32		12
62	Crystallographic study of azide-inhibited bovine Cu,Zn superoxide dismutase. <i>Journal of Molecular Biology</i> , 1994 , 240, 179-83	6.5	27
61	In vivo incorporation of cobalt into <i>Propionibacterium shermanii</i> superoxide dismutase. <i>FEBS Letters</i> , 1994 , 348, 283-6	3.8	9
60	Crystal structure of the cyanide-inhibited <i>Xenopus laevis</i> Cu,Zn superoxide dismutase at 98 K. <i>FEBS Letters</i> , 1994 , 349, 93-8	3.8	29
59	Mutation of Lys-120 and Lys-134 drastically reduces the catalytic rate of Cu,Zn superoxide dismutase. <i>FEBS Letters</i> , 1994 , 352, 76-8	3.8	21
58	Impaired copper binding by the H46R mutant of human Cu,Zn superoxide dismutase, involved in amyotrophic lateral sclerosis. <i>FEBS Letters</i> , 1994 , 356, 314-6	3.8	61
57	Low-temperature optical spectroscopy of native and azide-reacted bovine Cu,Zn superoxide dismutase. A structural dynamics study. <i>Biochemistry</i> , 1994 , 33, 15103-9	3.2	16
56	Cooperative effect of inositol hexakisphosphate, bezafibrate, and clofibrac acid on the spectroscopic properties of the nitric oxide derivative of ferrous human hemoglobin. <i>Journal of Inorganic Biochemistry</i> , 1993 , 50, 263-72	4.2	20
55	Two-dimensional NMR assignment of hyperfine-shifted resonances of very fast relaxing metal binding sites of proteins by NOE spectroscopy. The case of Cu, Co superoxide dismutase. <i>FEBS Journal</i> , 1993 , 213, 391-7		10
54	An X-ray absorption study of the reconstitution process of bovine Cu,Zn superoxide dismutase by Cu(I)-glutathione complex. <i>FEBS Letters</i> , 1993 , 322, 165-7	3.8	18
53	Formate as an NMR probe of anion binding to Cu,Zn and Cu,Co bovine erythrocyte superoxide dismutases. <i>Biochemistry</i> , 1992 , 31, 12410-5	3.2	14
52	Inhibition of glutathione transferase pi from human placenta by 1-chloro-2,4-dinitrobenzene occurs because of covalent reaction with cysteine 47. <i>Archives of Biochemistry and Biophysics</i> , 1992 , 297, 119-22 ^{4.1}	4.1	28
51	Crystal structure solution and refinement of the semisynthetic cobalt-substituted bovine erythrocyte superoxide dismutase at 2.0 Å resolution. <i>Journal of Molecular Biology</i> , 1992 , 226, 227-38	6.5	46
50	Crystal structure of yeast Cu,Zn superoxide dismutase. Crystallographic refinement at 2.5 Å resolution. <i>Journal of Molecular Biology</i> , 1992 , 225, 791-809	6.5	110
49	Evolutionary conservativeness of electric field in the Cu,Zn superoxide dismutase active site. Evidence for co-ordinated mutation of charged amino acid residues. <i>Journal of Molecular Biology</i> , 1992 , 223, 337-42	6.5	70
48	Effect of bezafibrate and clofibrac acid on the spectroscopic properties of the nitric oxide derivative of ferrous human hemoglobin. <i>Journal of Inorganic Biochemistry</i> , 1992 , 48, 47-53	4.2	8
47	Spectroscopic properties of the nitric oxide derivative of ferrous man, horse, and ruminant hemoglobins: a comparative study. <i>Journal of Inorganic Biochemistry</i> , 1992 , 45, 31-7	4.2	11

46	An electrostatic enzyme-substrate recognition: the case of Cu, Zn superoxide dismutase. <i>Computational and Theoretical Chemistry</i> , 1992 , 256, 153-160		2
45	Reduced sensitivity of O ₂ transport to allosteric effectors and temperature in loggerhead sea turtle hemoglobin: functional and spectroscopic study. <i>BBA - Proteins and Proteomics</i> , 1992 , 1159, 129-33		23
44	Modelling the three-dimensional structure and electrostatic potential field of the two Cu,Zn superoxide dismutase variants from <i>Xenopus laevis</i> . <i>Proteins: Structure, Function and Bioinformatics</i> , 1991 , 10, 149-55	4.2	11
43	NMR evidence for perturbation of the copper coordination sphere upon chemical modification of arginine 141 in bovine Cu,Zn superoxide dismutase. <i>Archives of Biochemistry and Biophysics</i> , 1991 , 286, 222-5	4.1	6
42	Iron entry route in horse spleen apoferritin. Involvement of the three-fold channels as probed by selective reaction of cysteine-126 with the spin label 4-maleimido-tempo. <i>FEBS Letters</i> , 1991 , 287, 10-4	3.8	24
41	Mini-myoglobin. Electron paramagnetic resonance and reversible oxygenation of the cobalt derivative. <i>Journal of Molecular Biology</i> , 1991 , 222, 637-43	6.5	11
40	Effect of inositol hexakisphosphate on the spectroscopic properties of the nitric oxide derivative of ferrous horse and bovine hemoglobin. <i>Journal of Inorganic Biochemistry</i> , 1990 , 40, 157-62	4.2	12
39	Beta-bungarotoxin-mediated liposome fusion: spectroscopic characterization by fluorescence and ESR. <i>Biochemistry</i> , 1990 , 29, 9644-51	3.2	25
38	Mapping the copper ligands of Cu,Zn superoxide dismutase by nuclear Overhauser enhancement of the isotropically shifted ¹ H-NMR lines of the Cu,Co derivative. <i>FEBS Letters</i> , 1990 , 261, 231-6	3.8	11
37	Assignment of imidazole resonances from two-dimensional proton NMR spectra of bovine Cu,Zn superoxide dismutase. Evidence for similar active site conformation in the oxidized and reduced enzyme. <i>FEBS Letters</i> , 1990 , 263, 127-30	3.8	9
36	ENDOR spectra of type 1 and type 2 copper centers in Vietnamese laccase. <i>Journal of Inorganic Biochemistry</i> , 1989 , 36, 93-97	4.2	2
35	Crystallographic characterization and three-dimensional model of yeast Cu,Zn superoxide dismutase. <i>Biochemical and Biophysical Research Communications</i> , 1989 , 160, 677-81	3.4	9
34	Room temperature electron spin resonance of superoxide dismutase-loaded liposomes and erythrocytes. A direct approach to the interaction of O ₂ ⁻ with cells. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1989 , 979, 99-104	3.8	6
33	Conservation of local electric fields in the evolution of Cu,Zn superoxide dismutase. <i>FEBS Letters</i> , 1989 , 250, 45-8	3.8	10
32	Effect of polyanions on the spectroscopic properties of the nitric oxide derivative of ferrous dromedary (<i>Camelus dromedarius</i>) hemoglobin. <i>Journal of Inorganic Biochemistry</i> , 1988 , 32, 225-32	4.2	9
31	Differential binding of anions to the active site of Cu,Zn superoxide dismutase. A study of the Co,Zn enzyme derivative. <i>Journal of Inorganic Biochemistry</i> , 1988 , 33, 277-83	4.2	1
30	¹ H and ³¹ P NMR studies of the binding of low-affinity anions to Cu,Zn superoxide dismutase. <i>Journal of Inorganic Biochemistry</i> , 1988 , 33, 91-7	4.2	3
29	Effect of inositol hexakisphosphate on the spectroscopic properties of the nitric oxide derivative of ferrous naturally glycosylated human hemoglobin HbA1c. <i>Journal of Inorganic Biochemistry</i> , 1988 , 34, 19-24	4.2	6

28	Is the activity-linked electrostatic gradient of bovine Cu, Zn superoxide dismutases conserved in homologous enzymes irrespective of the number and distribution of charges?. <i>Free Radical Biology and Medicine</i> , 1988 , 5, 313-7	7.8	13
27	Effect of inositol hexakisphosphate on the EPR properties of the nitric oxide derivative of ferrous dromedary (<i>Camelus dromedarius</i>) hemoglobin. Evidence for two polyanion binding sites. <i>Journal of Inorganic Biochemistry</i> , 1987 , 29, 131-5	4.2	7
26	An EPR study on the conformation of the copper sites of Japanese lacquer-tree laccase. <i>Journal of Inorganic Biochemistry</i> , 1986 , 28, 189-193	4.2	2
25	A room temperature magnetic susceptibility study on the cobalt derivatives of cuprozinc superoxide dismutase. <i>Journal of Inorganic Biochemistry</i> , 1986 , 26, 149-152	4.2	1
24	Magnetic susceptibility studies of the native cupro-zinc superoxide dismutase and its cobalt-substituted derivatives. Antiferromagnetic coupling in the imidazolate-bridged copper(II)-cobalt(II) pair. <i>Journal of the American Chemical Society</i> , 1986 , 108, 300-302	16.4	33
23	Complexes of copper(II) dipeptides with hexacyanoferrate(III). Magnetic and spectroscopic properties. <i>Inorganica Chimica Acta</i> , 1985 , 106, 85-87	2.7	2
22	Interaction of hexacyanoferrate(III) with some copper(II) complexes. <i>Inorganica Chimica Acta</i> , 1985 , 107, 111-116	2.7	2
21	An EPR Study of NO Bonding to Erythrocrucorin from the Earthworm <i>Octolasmus Complanatum</i> . <i>Journal of Inorganic Biochemistry</i> , 1985 , 25, 225-228	4.2	5
20	A resonance Raman study of native stellacyanin and its Ni(II) derivative. On the origin of the 450-nm electronic absorption. <i>Journal of Inorganic Biochemistry</i> , 1985 , 23, 93-102	4.2	8
19	Electron nuclear double resonance spectra of the Type 1 copper centre in Japanese lacquer tree (<i>Rhus vernicifera</i>) laccase, and Type 2 copper-depleted laccase. <i>BBA - Proteins and Proteomics</i> , 1985 , 831, 8-12		5
18	pH-induced cleavage of the proximal histidine to iron bond in the nitric oxide derivative of ferrous monomeric hemosproteins and of the α -helical protoheme model compound. <i>BBA - Proteins and Proteomics</i> , 1985 , 829, 299-302		19
17	Replacement of Mn(III) with Cu(II) in <i>Bacillus stearothermophilus</i> superoxide dismutase. Similarity of the active site to the zinc site of copper/zinc superoxide dismutase. <i>FEBS Letters</i> , 1985 , 188, 91-5	3.8	2
16	Effects of laser radiation on <i>Rhus vernicifera</i> laccase, Type 2 Cu-depleted laccase, and stellacyanin. <i>Journal of Inorganic Biochemistry</i> , 1984 , 20, 87-92	4.2	2
15	Co(II) derivatives of Cu,Zn-superoxide dismutase with the cobalt bound in the place of copper. A new spectroscopic tool for the study of the active site. <i>BBA - Proteins and Proteomics</i> , 1984 , 785, 111-7		6
14	Electron paramagnetic resonance properties of liver fluke (<i>Dicrocoelium dendriticum</i>) nitrosyl hemoglobin. <i>FEBS Letters</i> , 1984 , 166, 378-80	3.8	16
13	Reconstitution of stellacyanin as a case of direct Cu(I) transfer between yeast copper thionein and 'blue' copper apoprotein. <i>FEBS Letters</i> , 1983 , 152, 94-6	3.8	31
12	Reaction of N,N-diethyldithiocarbamate and other bidentate ligands with Zn, Co and Cu bovine carbonic anhydrases. Inhibition of the enzyme activity and evidence for stable ternary enzyme-metal-ligand complexes. <i>BBA - Proteins and Proteomics</i> , 1983 , 746, 168-75		18
11	High- and low-spin EPR forms of the ferric derivatives of earthworm erythrocrucorin. <i>BBA - Proteins and Proteomics</i> , 1982 , 708, 1-5		7

10	Selective Removal of the Type 2 Cu from Blue Oxidases. Properties and Functional Role of the Copper Centres. <i>Israel Journal of Chemistry</i> , 1981 , 21, 26-29	3.4	4
9	Some ambiguities in using the esr spectra of high-spin Co(II) species as Structure Markers. <i>Journal of Inorganic Biochemistry</i> , 1980 , 12, 221-226	4.2	3
8	Correlation of k-absorption edge of cobalt derivatives of some metalloproteins. <i>Inorganica Chimica Acta</i> , 1980 , 40, X79	2.7	
7	Removal of non-blue copper from ascorbate oxidase. <i>FEBS Letters</i> , 1979 , 100, 318-20	3.8	32
6	A novel Co(II) binding site in copper-free superoxide dismutase: evidence for binding of cobalt at the copper binding site. <i>FEBS Letters</i> , 1979 , 106, 142-4	3.8	25
5	An electron spin resonance study of high spin forms of cobalt(II) bovine carbonic anhydrase. <i>Biophysical Chemistry</i> , 1978 , 8, 267-70	3.5	7
4	Bisdipyridyl Cu(II) iodide as a pentacoordinate model of the Cu(II) bovine carbonic anhydrase iodide complex. <i>Inorganica Chimica Acta</i> , 1978 , 28, L141-L143	2.7	11
3	Electron spin resonance spectra of trigonal-prismatic bis[pentane-2,4-dione benzoylhydrazonato(2-)]vanadium(IV) and bis[4-phenylbutane-2,4-dione benzoylhydrazonato(2-)]vanadium(IV). <i>Journal of the Chemical Society Dalton Transactions</i> , 1978 , 423-426		11
2	A magnetic susceptibility study of Cu(II)-Co(II) superoxide dismutase. <i>FEBS Letters</i> , 1978 , 89, 83-5	3.8	8
1	Human Topoisomerase I Inhibitors 1-8		