

Lorenzo Stella

List of Publications by Year in descending order

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144
papers

6,131
citations

87401

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h-index

93651

72
g-index

147
all docs

147
docs citations

147
times ranked

9971
citing authors

#	ARTICLE	IF	CITATIONS
1	Inoculum effect of antimicrobial peptides. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	50
2	Engineering DNAâ€Grafted Quasomes as Stable Nucleic Acidâ€Responsive Fluorescent Nanovesicles. Advanced Functional Materials, 2021, 31, 2103511.	7.8	9
3	Targeting Oncogenic Src Homology 2 Domain-Containing Phosphatase 2 (SHP2) by Inhibiting Its Proteinâ€Protein Interactions. Journal of Medicinal Chemistry, 2021, 64, 15973-15990.	2.9	17
4	Discriminating between competing models for the allosteric regulation of oncogenic phosphatase SHP2 by characterizing its active state. Computational and Structural Biotechnology Journal, 2021, 19, 6125-6139.	1.9	10
5	Aggregation determines the selectivity of membrane-active anticancer and antimicrobial peptides: The case of killerFLIP. Biochimica Et Biophysica Acta - Biomembranes, 2020, 1862, 183107.	1.4	26
6	A Recurrent Gain-of-Function Mutation in CLCN6, Encoding the CLC-6 Cl ⁻ /H ⁺ -Exchanger, Causes Early-Onset Neurodegeneration. American Journal of Human Genetics, 2020, 107, 1062-1077.	2.6	23
7	Enhanced MAPK1 Function Causes a Neurodevelopmental Disorder within the RASopathy Clinical Spectrum. American Journal of Human Genetics, 2020, 107, 499-513.	2.6	48
8	Structural Determinants of Phosphopeptide Binding to the N-Terminal Src Homology 2 Domain of the SHP2 Phosphatase. Journal of Chemical Information and Modeling, 2020, 60, 3157-3171.	2.5	17
9	Pathogenic <i>PTPN11</i> variants involving the polyâ€glutamine Gln ²⁵⁵ â€Gln ²⁵⁶ â€Gln ²⁵⁷ stretch highlight the relevance of helix B in SHP2's functional regulation. Human Mutation, 2020, 41, 1171-1182.	1.1	3
10	Co-occurring WARS2 and CHRNA6 mutations in a child with a severe form of infantile parkinsonism. Parkinsonism and Related Disorders, 2020, 72, 75-79.	1.1	16
11	Nano-bio interactions: a neutrophil-centric view. Cell Death and Disease, 2019, 10, 569.	2.7	64
12	Trichogin GA IV Alignment and Oligomerization in Phospholipid Bilayers. ChemBioChem, 2019, 20, 2141-2150.	1.3	10
13	Design, Synthesis, Antibacterial Potential, and Structural Characterization of N-Acylated Derivatives of the Human Autophagy 16 Polypeptide. Bioconjugate Chemistry, 2019, 30, 1998-2010.	1.8	13
14	A Temperatureâ€Driven, Reversible, Helicalâ€Handedness Inversion in Peptaibol Analogues Tuned by the Câ€Terminal Capping Moiety. ChemBioChem, 2019, 20, 2125-2132.	1.3	3
15	The dangers of citing papers you did not read or understand. Journal of Molecular Structure, 2019, 1186, 102-103.	1.8	5
16	Selectivity of Antimicrobial Peptides: A Complex Interplay of Multiple Equilibria. Advances in Experimental Medicine and Biology, 2019, 1117, 175-214.	0.8	44
17	Rational Design of Antiangiogenic Helical Oligopeptides Targeting the Vascular Endothelial Growth Factor Receptors. Frontiers in Chemistry, 2019, 7, 170.	1.8	10
18	Selectively targeting bacteria by tuning the molecular design of membrane-active peptidomimetic amphiphiles. Chemical Communications, 2018, 54, 4943-4946.	2.2	27

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19	Selective targeting and degradation of doxorubicin-loaded folate-functionalized DNA nanocages. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 1181-1190.	1.7	59
20	Fluorescence and computational studies of thymidine phosphorylase affinity toward lipidated 5-FU derivatives. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 195, 84-94.	2.0	6
21	From liposomes to cells: Filling the gap between physicochemical and microbiological studies of the activity and selectivity of host defense peptides. <i>Peptide Science</i> , 2018, 110, e24041.	1.0	37
22	Macrophage sensing of single-walled carbon nanotubes via Toll-like receptors. <i>Scientific Reports</i> , 2018, 8, 1115.	1.6	62
23	Structural organization of lipid-functionalized-Au nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 168, 2-9.	2.5	21
24	X-Linked Glomerulopathy Due to COL4A5 Founder Variant. <i>American Journal of Kidney Diseases</i> , 2018, 71, 441-445.	2.1	5
25	Conformational properties, membrane interaction, and antibacterial activity of the peptaibiotic chalciporin A: Multitechnique spectroscopic and biophysical investigations on the natural compound and labeled analogs. <i>Peptide Science</i> , 2018, 110, e23083.	1.0	6
26	Mutations in KCNK4 that Affect Gating Cause a Recognizable Neurodevelopmental Syndrome. <i>American Journal of Human Genetics</i> , 2018, 103, 621-630.	2.6	73
27	Discriminating between Different Heavy Metal Ions with Fullerene-Derived Nanoparticles. <i>Sensors</i> , 2018, 18, 1496.	2.1	29
28	Thiol disulfide exchange reactions in human serum albumin: the apparent paradox of the redox transitions of Cys ₃₄ . <i>FEBS Journal</i> , 2018, 285, 3225-3237.	2.2	40
29	Clinical and functional characterization of two novel ZBTB20 mutations causing Primrose syndrome. <i>Human Mutation</i> , 2018, 39, 959-964.	1.1	11
30	A new nitrobenzoxadiazole-based GSTP1-1 inhibitor with a previously unheard of mechanism of action and high stability. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2017, 32, 240-247.	2.5	17
31	Structural, Functional, and Clinical Characterization of a Novel PTPN11 Mutation Cluster Underlying Noonan Syndrome. <i>Human Mutation</i> , 2017, 38, 451-459.	1.1	39
32	Cell-Density Dependence of Host-Defense Peptide Activity and Selectivity in the Presence of Host Cells. <i>ACS Chemical Biology</i> , 2017, 12, 52-56.	1.6	55
33	Membrane perturbing activities and structural properties of the frog-skin derived peptide Esculentin-1a(1-21)NH ₂ and its Diastereomer Esc(1-21)-1c: Correlation with their antipseudomonal and cytotoxic activity. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017, 1859, 2327-2339.	1.4	27
34	Enhancing the Antimicrobial Activity of Alamethicin F50/5 by Incorporating N-Terminal Hydrophobic Triazole Substituents. <i>Chemistry - A European Journal</i> , 2017, 23, 17964-17972.	1.7	13
35	Molecular Dynamics Simulations of the Host Defense Peptide Temporin L and Its Q3K Derivative: An Atomic Level View from Aggregation in Water to Bilayer Perturbation. <i>Molecules</i> , 2017, 22, 1235.	1.7	13
36	Recessive Inactivating Mutations in TBCK, Encoding a Rab GTPase-Activating Protein, Cause Severe Infantile Syndromic Encephalopathy. <i>American Journal of Human Genetics</i> , 2016, 98, 772-781.	2.6	43

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37	On the purported "backbone fluorescence" in protein three-dimensional fluorescence spectra. RSC Advances, 2016, 6, 112870-112876.	1.7	108
38	The Role of Thermodynamics in the Activity and Selectivity of Antimicrobial Peptides. Biophysical Journal, 2016, 110, 75a-76a.	0.2	1
39	Selectivity of Antimicrobial Peptides: Association to Bacterial and Eukaryotic Cells and Cell-Density Dependence. Biophysical Journal, 2016, 110, 417a.	0.2	0
40	Activating Mutations Affecting the Dbl Homology Domain of SOS2 Cause Noonan Syndrome. Human Mutation, 2015, 36, 1080-1087.	1.1	67
41	4-Cyano-L-methyl-L-phenylalanine as a Spectroscopic Marker for the Investigation of Peptaibiotic-Membrane Interactions. Chemistry and Biodiversity, 2015, 12, 513-527.	1.0	9
42	The fluorescence and infrared absorption probe <i>para</i> -cyanophenylalanine: Effect of labeling on the behavior of different membrane-interacting peptides. Biopolymers, 2015, 104, 521-532.	1.2	6
43	Interaction Study of Phospholipid Membranes with an N-Glucosylated β -Turn Peptide Structure Detecting Autoantibodies Biomarkers of Multiple Sclerosis. Membranes, 2015, 5, 576-596.	1.4	5
44	Liposome-Templated Hydrogel Nanoparticles as Vehicles for Enzyme-Based Therapies. Langmuir, 2015, 31, 7572-7580.	1.6	15
45	Mutations Impairing GSK3-Mediated MAF Phosphorylation Cause Cataract, Deafness, Intellectual Disability, Seizures, and a Down Syndrome-like Facies. American Journal of Human Genetics, 2015, 96, 816-825.	2.6	102
46	Mutations in KCNH1 and ATP6V1B2 cause Zimmermann-Laband syndrome. Nature Genetics, 2015, 47, 661-667.	9.4	177
47	Histidine-Rich Designer Peptides with pH-Dependent Membrane Topology, Antimicrobial, Nucleic Acid Transfection and Viral Transduction Capabilities. Biophysical Journal, 2015, 108, 548a.	0.2	0
48	Molecular dynamics methods to predict peptide locations in membranes: LAH4 as a stringent test case. Biochimica Et Biophysica Acta - Biomembranes, 2015, 1848, 581-592.	1.4	40
49	Mutations in PAX2 Associate with Adult-Onset FSGS. Journal of the American Society of Nephrology: JASN, 2014, 25, 1942-1953.	3.0	96
50	Activating mutations in RRAS underlie a phenotype within the RASopathy spectrum and contribute to leukaemogenesis. Human Molecular Genetics, 2014, 23, 4315-4327.	1.4	114
51	Electrophysiology Investigation of Trichogin GA IV Activity in Planar Lipid Membranes Reveals Ion Channels of Well-Defined Size. Chemistry and Biodiversity, 2014, 11, 1069-1077.	1.0	7
52	How Many Antimicrobial Peptide Molecules Kill a Bacterium? The Case of PMAP-23. ACS Chemical Biology, 2014, 9, 2003-2007.	1.6	130
53	Mutations in ZBTB20 cause Primrose syndrome. Nature Genetics, 2014, 46, 815-817.	9.4	79
54	Novel SMAD4 mutation causing Myhre syndrome. American Journal of Medical Genetics, Part A, 2014, 164, 1835-1840.	0.7	29

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55	How Many AMP Molecules Kill a Bacterium? Spectroscopic Determination of PMAP-23 Binding to E. Coli. <i>Biophysical Journal</i> , 2014, 106, 292a.	0.2	2
56	A reassessment of synchronous fluorescence in the separation of Trp and Tyr contributions in protein emission and in the determination of conformational changes. <i>Journal of Molecular Structure</i> , 2014, 1077, 68-76.	1.8	82
57	Membrane Perturbing Effects of Antimicrobial Peptides: A Systematic Spectroscopic Analysis. <i>Biophysical Journal</i> , 2013, 104, 600a-601a.	0.2	0
58	The Impact of Nitric Oxide Toxicity on the Evolution of the Glutathione Transferase Superfamily. <i>Journal of Biological Chemistry</i> , 2013, 288, 24936-24947.	1.6	31
59	Membrane thickness and the mechanism of action of the short peptaibol trichogin GA IV. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013, 1828, 1013-1024.	1.4	56
60	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, 769-773.	1.0	12
61	Fibrils or Globules? Tuning the Morphology of Peptide Aggregates from Helical Building Blocks. <i>Journal of Physical Chemistry B</i> , 2013, 117, 5448-5459.	1.2	32
62	The importance of being kinked: role of Pro residues in the selectivity of the helical antimicrobial peptide P5. <i>Journal of Peptide Science</i> , 2013, 19, 758-769.	0.8	49
63	Counteracting Effects Operating on Src Homology 2 Domain-containing Protein-tyrosine Phosphatase 2 (SHP2) Function Drive Selection of the Recurrent Y62D and Y63C Substitutions in Noonan Syndrome*. <i>Journal of Biological Chemistry</i> , 2012, 287, 27066-27077.	1.6	35
64	The Lipid Dependence of Antimicrobial Peptide Activity Is an Unreliable Experimental Test for Different Pore Models. <i>Biochemistry</i> , 2012, 51, 10124-10126.	1.2	25
65	New Insights into the Mechanism of JNK1 Inhibition by Glutathione Transferase P1-1. <i>Biochemistry</i> , 2012, 51, 7304-7312.	1.2	37
66	A Restricted Spectrum of Mutations in the SMAD4 Tumor-Suppressor Gene Underlies Myhre Syndrome. <i>American Journal of Human Genetics</i> , 2012, 90, 161-169.	2.6	77
67	Fluorescence Quenching, Lifetimes, and Fluorophore Solvent Accessibility. <i>Journal of Chemical Education</i> , 2011, 88, 695-696.	1.1	4
68	The extended catalysis of glutathione transferase. <i>FEBS Letters</i> , 2011, 585, 341-345.	1.3	9
69	Evidences of a natively unfolded state for the human topoisomerase IB N-terminal domain. <i>Amino Acids</i> , 2011, 41, 945-953.	1.2	8
70	Fluorescence spectroscopy and molecular dynamics simulations in studies on the mechanism of membrane destabilization by antimicrobial peptides. <i>Cellular and Molecular Life Sciences</i> , 2011, 68, 2281-2301.	2.4	57
71	The thin line between cell-penetrating and antimicrobial peptides: the case of Pep1 and Pep1K. <i>Journal of Peptide Science</i> , 2011, 17, 335-341.	0.8	39
72	Peptides at work: from structure to applications. <i>Journal of Peptide Science</i> , 2011, 17, 297-297.	0.8	0

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73	SOS1 mutations in Noonan syndrome: molecular spectrum, structural insights on pathogenic effects, and genotype-phenotype correlations. <i>Human Mutation</i> , 2011, 32, 760-772.	1.1	97
74	Fluorescence quenching and ligand binding: A critical discussion of a popular methodology. <i>Journal of Molecular Structure</i> , 2011, 998, 144-150.	1.8	513
75	Nuclear Shield: A Multi-Enzyme Task-Force for Nucleus Protection. <i>PLoS ONE</i> , 2010, 5, e14125.	1.1	16
76	Effects of a Membrane-Active Amphibian Antimicrobial Peptide on the Bacterial Proteome. <i>Biophysical Journal</i> , 2010, 98, 276a.	0.2	0
77	Fluctuations and the Rate-Limiting Step of Peptide-Induced Membrane Leakage. <i>Biophysical Journal</i> , 2010, 99, 1791-1800.	0.2	49
78	Peptide Foldamers: From Spectroscopic Studies to Applications. <i>Reviews in Fluorescence</i> , 2010, , 405-424.	0.5	0
79	Tetramerization and Cooperativity in <i>Plasmodium falciparum</i> Glutathione S-Transferase Are Mediated by Atypic Loop 113â€“119. <i>Journal of Biological Chemistry</i> , 2009, 284, 22133-22139.	1.6	13
80	Metal Binding Properties of Fluorescent Analogues of Trichogin GAâ€“IV: A Conformational Study by Timeâ€“Resolved Spectroscopy and Molecular Mechanics Investigations. <i>ChemBioChem</i> , 2009, 10, 91-97.	1.3	18
81	Photocurrent generation in peptide-based self-assembled monolayers on gold electrodes. <i>Superlattices and Microstructures</i> , 2009, 46, 34-39.	1.4	17
82	Trichogin GA IV: an antibacterial and proteaseâ€“resistant peptide. <i>Journal of Peptide Science</i> , 2009, 15, 615-619.	0.8	55
83	Different mechanisms of action of antimicrobial peptides: insights from fluorescence spectroscopy experiments and molecular dynamics simulations. <i>Journal of Peptide Science</i> , 2009, 15, 550-558.	0.8	85
84	Esculentin 1â€“21: a linear antimicrobial peptide from frog skin with inhibitory effect on bovine mastitisâ€“causing bacteria. <i>Journal of Peptide Science</i> , 2009, 15, 607-614.	0.8	53
85	Editorial. <i>Journal of Peptide Science</i> , 2009, 15, 549-549.	0.8	0
86	Esculentinâ€“1b(1â€“18) â€“ a membraneâ€“active antimicrobial peptide that synergizes with antibiotics and modifies the expression level of a limited number of proteins in <i>Escherichia coli</i> . <i>FEBS Journal</i> , 2009, 276, 5647-5664.	2.2	49
87	Membrane perturbation by the antimicrobial peptide PMAP-23: A fluorescence and molecular dynamics study. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2009, 1788, 1523-1533.	1.4	70
88	Monomerâ€“Dimer Equilibrium in Glutathione Transferases: A Critical Re-Examination. <i>Biochemistry</i> , 2009, 48, 10473-10482.	1.2	88
89	Antimicrobial Peptides Chelating Lanthanide Ions: the Case of Trichogin GA IV Analogues and Terbium(III). <i>Advances in Experimental Medicine and Biology</i> , 2009, 611, 43-44.	0.8	1
90	Monitoring Peptide Folding by Time-Resolved Spectroscopies: the Effect of a Single Gly to Aib Substitution. <i>Advances in Experimental Medicine and Biology</i> , 2009, 611, 47-48.	0.8	0

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91	Incorporation of a Novel, Fluorescent and Helicogenic γ -Amino Acid Into Peptaibols: Trichogin Ga IV. <i>Advances in Experimental Medicine and Biology</i> , 2009, 611, 287-287.	0.8	0
92	Electroconductive and photocurrent generation properties of self-assembled monolayers formed by functionalized, conformationally constrained peptides on gold electrodes. <i>Journal of Peptide Science</i> , 2008, 14, 184-191.	0.8	36
93	Conformational Effects on the Electron Transfer Efficiency in Peptide Foldamers Based on Disubstituted Glycyl Residues. <i>Chemistry and Biodiversity</i> , 2008, 5, 1263-1278.	1.0	29
94	Effect of titania content on the optical properties of dye-doped hybrid sol-gel coatings. <i>Optical Materials</i> , 2008, 31, 451-454.	1.7	10
95	Amphipathic α -helical peptide, HP (20), and its analogues derived from <i>Helicobacter pylori</i> : Pore formation mechanism in various lipid compositions. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2008, 1778, 229-241.	1.4	109
96	A reassessment of the association between azulene and [60]fullerene. Possible pitfalls in the determination of binding constants through fluorescence spectroscopy. <i>Chemical Communications</i> , 2008, , 4744.	2.2	107
97	Somatically acquired JAK1 mutations in adult acute lymphoblastic leukemia. <i>Journal of Experimental Medicine</i> , 2008, 205, 751-758.	4.2	318
98	Diverse driving forces underlie the invariant occurrence of the T42A, E139D, I282V and T468M SHP2 amino acid substitutions causing Noonan and LEOPARD syndromes. <i>Human Molecular Genetics</i> , 2008, 17, 2018-2029.	1.4	79
99	Electrostatic Association of Glutathione Transferase to the Nuclear Membrane. <i>Journal of Biological Chemistry</i> , 2007, 282, 6372-6379.	1.6	38
100	Alamethicin Interaction with Lipid Membranes: A Spectroscopic Study on Synthetic Analogues. <i>Chemistry and Biodiversity</i> , 2007, 4, 1299-1312.	1.0	40
101	Self-assembled peptide monolayers on interdigitated gold microelectrodes. <i>Materials Science and Engineering C</i> , 2007, 27, 1309-1312.	3.8	18
102	Diversity and Functional Consequences of Germline and Somatic PTPN11 Mutations in Human Disease. <i>American Journal of Human Genetics</i> , 2006, 78, 279-290.	2.6	352
103	Germline Missense Mutations Affecting KRAS Isoform B Are Associated with a Severe Noonan Syndrome Phenotype. <i>American Journal of Human Genetics</i> , 2006, 79, 129-135.	2.6	205
104	Peptide Folding Dynamics: A Time-Resolved Study from the Nanosecond to the Microsecond Time Regime. <i>Journal of Physical Chemistry B</i> , 2006, 110, 22834-22841.	1.2	30
105	Effect of Peptide Lipidation on Membrane Perturbing Activity: A Comparative Study on Two Trichogin Analogues. <i>Journal of Physical Chemistry B</i> , 2006, 110, 22813-22818.	1.2	41
106	Alamethicin Interaction with Lipid Membranes: A Spectroscopic Study on Synthetic Analogs. , 2006, , 281-282.		0
107	Intramolecular Triplet Quenching by Nitroxide Radicals as a Tool for Determining Peptide Secondary Structure in Solution. , 2006, , 603-604.		0
108	A Time-Resolved Spectroscopic Study on Peptide Folding. , 2006, , 605-606.		0

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109	Structural and functional effects of disease-causing amino acid substitutions affecting residues Ala72 and Glu76 of the protein tyrosine phosphatase SHP-2. <i>Proteins: Structure, Function and Bioinformatics</i> , 2006, 66, 963-974.	1.5	31
110	Static and dynamic features of a helical hexapeptide chemisorbed on a gold surface. <i>Materials Science and Engineering C</i> , 2006, 26, 918-923.	3.8	16
111	Densely-packed self-assembled monolayers on gold surfaces from a conformationally constrained helical hexapeptide. <i>Surface Science</i> , 2006, 600, 409-416.	0.8	27
112	Dynamics of Formation of a Helix-Turn-Helix Structure in a Membrane-Active Peptide: A Time-Resolved Spectroscopic Study. <i>ChemBioChem</i> , 2006, 7, 43-45.	1.3	29
113	Cooperativity and Pseudo-cooperativity in the Glutathione S-Transferase from <i>Plasmodium falciparum</i> . <i>Journal of Biological Chemistry</i> , 2005, 280, 26121-26128.	1.6	26
114	7-Nitro-2,1,3-benzoxadiazole Derivatives, a New Class of Suicide Inhibitors for Glutathione S-Transferases. <i>Journal of Biological Chemistry</i> , 2005, 280, 26397-26405.	1.6	129
115	Mechanism of Membrane Activity of the Antibiotic Trichogin GA IV: A Two-State Transition Controlled by Peptide Concentration. <i>Biophysical Journal</i> , 2005, 88, 3411-3421.	0.2	65
116	The Role of Aromatic Radical Cations and Benzylic Cations in the 2,4,6-Triphenylpyrylium Tetrafluoroborate Photosensitized Oxidation of Ring-Methoxylated Benzyl Alcohols in CH ₂ Cl ₂ Solution. <i>Journal of Organic Chemistry</i> , 2004, 69, 8874-8885.	1.7	25
117	Structural properties and photophysical behavior of conformationally constrained hexapeptides functionalized with a new fluorescent analog of tryptophan and a nitroxide radical quencher. <i>Biopolymers</i> , 2004, 75, 128-139.	1.2	18
118	Aggregation and Water-Membrane Partition as Major Determinants of the Activity of the Antibiotic Peptide Trichogin GA IV. <i>Biophysical Journal</i> , 2004, 86, 936-945.	0.2	80
119	Title is missing!. <i>Journal of Fluorescence</i> , 2003, 13, 139-147.	1.3	8
120	A Combined Spectroscopic and Theoretical Study of a Series of Conformationally Restricted Hexapeptides Carrying a Rigid Binaphthyl- π -Nitroxide Donor-Acceptor Pair. <i>Chemistry - A European Journal</i> , 2003, 9, 4084-4093.	1.7	36
121	Engineering a New C-terminal Tail in the H-site of Human Glutathione Transferase P1-1: Structural and Functional Consequences. <i>Journal of Molecular Biology</i> , 2003, 325, 111-122.	2.0	19
122	The Specific Interaction of Dinitrosyl-Diglutathionyl-Iron Complex, a Natural NO Carrier, with the Glutathione Transferase Superfamily. <i>Journal of Biological Chemistry</i> , 2003, 278, 42283-42293.	1.6	65
123	Glutathione transferase P1-1: self-preservation of an anti-cancer enzyme. <i>Biochemical Journal</i> , 2003, 376, 71-76.	1.7	35
124	Effects of Helical Distortions on the Optical Properties of Amide NH Infrared Absorption in Short Peptides in Solution. <i>Journal of Physical Chemistry B</i> , 2002, 106, 5733-5738.	1.2	18
125	Structural features and conformational equilibria of 310-helical peptides in solution by spectroscopic and molecular mechanics studies. <i>Biopolymers</i> , 2002, 67, 247-250.	1.2	8
126	Structural features of model glycopeptides in solution and in membrane phase: A spectroscopic and molecular mechanics investigation. <i>Biopolymers</i> , 2002, 64, 44-56.	1.2	16

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127	Analysing protein energy data by a stochastic model for cooperative interactions: comparison and characterization of cooperativity. <i>Journal of Mathematical Biology</i> , 2002, 44, 341-359.	0.8	4
128	Title is missing!. <i>Journal of Fluorescence</i> , 2002, 12, 213-217.	1.3	15
129	Human Glutathione Transferase P1-1 and Nitric Oxide Carriers. <i>Journal of Biological Chemistry</i> , 2001, 276, 42138-42145.	1.6	90
130	A spectroscopic and molecular mechanics investigation on a series of AIB-based linear peptides and a peptide template, both containing tryptophan and a nitroxide derivative as probes. <i>Biopolymers</i> , 2000, 53, 169-181.	1.2	16
131	Structural features of linear (I±Me)Val-based peptides in solution by photophysical and theoretical conformational studies. <i>Biopolymers</i> , 2000, 55, 425-435.	1.2	15
132	Peptide-sandwiched protoporphyrin compounds mimicking hemoprotein structures in solution. <i>Biopolymers</i> , 2000, 54, 127-136.	1.2	3
133	Structural features of linear, homo-Aib-based peptides in solution: a spectroscopic and molecular mechanics investigation. <i>Chemical Biology and Drug Design</i> , 2000, 56, 298-306.	1.2	11
134	Quenching Mechanisms in Bichromophoric, 310-Helical Aib-Based Peptides, Modulated by Chain-Length-Dependent Topologies. <i>Macromolecules</i> , 2000, 33, 906-915.	2.2	34
135	A spectroscopic and molecular modeling study on novel pseudopeptides exhibiting biological activity. <i>Chemical Biology and Drug Design</i> , 1999, 54, 353-360.	1.2	4
136	Molecular dynamics simulations of human glutathione transferase P1-1: Analysis of the induced-fit mechanism by GSH binding. , 1999, 37, 1-9.		27
137	Molecular dynamics simulations of human glutathione transferase P1-1: Conformational fluctuations of the apo-structure. , 1999, 37, 10-19.		22
138	Photophysical and Structural Features of Covalently Bound Peptide~Protoporphyrin~Peptide Compounds Carrying Naphthalene Chromophores. <i>Journal of Physical Chemistry B</i> , 1999, 103, 8172-8179.	1.2	14
139	A Nitroxide Derivative as a Probe for Conformational Studies of Short Linear Peptides in Solution. Spectroscopic and Molecular Mechanics Investigation. <i>Journal of Physical Chemistry B</i> , 1998, 102, 7890-7898.	1.2	38
140	Equilibration and sampling in molecular dynamics simulations of biomolecules. <i>Journal of Chemical Physics</i> , 1998, 109, 10115-10117.	1.2	37
141	A STOCHASTIC MODEL FOR THE COOPERATIVE RELAXATION OF PROTEINS, BASED ON A HIERARCHY OF INTERACTIONS BETWEEN AMINO ACIDIC RESIDUES. <i>Mathematical Models and Methods in Applied Sciences</i> , 1998, 08, 327-358.	1.7	6
142	Flexibility of Helix 2 in the Human Glutathione Transferase P1-1. <i>Journal of Biological Chemistry</i> , 1998, 273, 23267-23273.	1.6	35
143	Effect of Lys~Arg mutation on the thermal stability of Cu,Zn superoxide dismutase: influence on the monomer~dimer equilibrium. <i>Protein Engineering, Design and Selection</i> , 1996, 9, 323-325.	1.0	19
144	Conformational dynamics of bovine Cu, Zn superoxide dismutase revealed by time-resolved fluorescence spectroscopy of the single tyrosine residue. <i>Biophysical Journal</i> , 1994, 66, 1185-1196.	0.2	54