

Sabato Dauria

List of Publications by Year in descending order

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175
papers

4,582
citations

136950

32
h-index

144013

57
g-index

177
all docs

177
docs citations

177
times ranked

4761
citing authors

#	ARTICLE	IF	CITATIONS
1	Emergent Biosensing Technologies Based on Fluorescence Spectroscopy and Surface Plasmon Resonance. <i>Sensors</i> , 2021, 21, 906.	3.8	34
2	Characterization of Two NMN Deamidase Mutants as Possible Probes for an NMN Biosensor. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6334.	4.1	3
3	New immobilization method of anti-PepD monoclonal antibodies for the detection of <i>Listeria monocytogenes</i> p60 protein " Part A: Optimization of a crosslinked film support based on chitosan and cellulose nanocrystals (CNC). <i>Reactive and Functional Polymers</i> , 2020, 146, 104313.	4.1	6
4	A fluorescence immunoassay for a rapid detection of <i>Listeria monocytogenes</i> on working surfaces. <i>Scientific Reports</i> , 2020, 10, 21729.	3.3	7
5	Fluorescence polarization assay to detect the presence of traces of ciprofloxacin. <i>Scientific Reports</i> , 2020, 10, 4550.	3.3	19
6	Structural features of the glutamate-binding protein from <i>Corynebacterium glutamicum</i> . <i>International Journal of Biological Macromolecules</i> , 2020, 162, 903-912.	7.5	3
7	Sweet Sensor for the Detection of Aflatoxin M1 in Whole Milk. <i>ACS Omega</i> , 2019, 4, 12803-12807.	3.5	17
8	New immobilization method of anti-PepD monoclonal antibodies for the detection of <i>Listeria monocytogenes</i> p60 protein " Part B: Rapid and specific sandwich ELISA using antibodies immobilized on a chitosan/CNC film support. <i>Reactive and Functional Polymers</i> , 2019, 143, 104317.	4.1	8
9	Effect of the optimized selective enrichment medium on the expression of the p60 protein used as <i>Listeria monocytogenes</i> antigen in specific sandwich ELISA. <i>Research in Microbiology</i> , 2019, 170, 182-191.	2.1	10
10	Detection of naphthalene in sea-water by a label-free plasmonic optical fiber biosensor. <i>Talanta</i> , 2019, 194, 289-297.	5.5	25
11	A High Sensitivity Biosensor to detect the presence of perfluorinated compounds in environment. <i>Talanta</i> , 2018, 178, 955-961.	5.5	57
12	Cloning and bacterial expression systems for recombinant human heparanase production: Substrate specificity investigation by docking of a putative heparanase substrate. <i>Biotechnology and Applied Biochemistry</i> , 2018, 65, 89-98.	3.1	6
13	The porcine odorant-binding protein as molecular probe for benzene detection. <i>PLoS ONE</i> , 2018, 13, e0202630.	2.5	13
14	Domain swapping dissection in <i>Thermotoga maritima</i> arginine binding protein: How structural flexibility may compensate destabilization. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2018, 1866, 952-962.	2.3	10
15	Modern fluorescence-based concepts and methods to study biomolecular interactions. <i>Molecular Systems Design and Engineering</i> , 2017, 2, 123-132.	3.4	9
16	Engineering a switch-based biosensor for arginine using a <i>Thermotoga maritima</i> periplasmic binding protein. <i>Analytical Biochemistry</i> , 2017, 525, 60-66.	2.4	15
17	Enzymes as Sensors. <i>Methods in Enzymology</i> , 2017, 589, 115-131.	1.0	15
18	Osmolyte-Like Stabilizing Effects of Low GdnHCl Concentrations on d-Glucose/d-Galactose-Binding Protein. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2008.	4.1	2

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19	On the possibility of ephedrine detection: time-resolved fluorescence resonance energy transfer (FRET)-based approach. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 6329-6336.	3.7	7
20	Proline 235 plays a key role in the regulation of the oligomeric states of <i>Thermotoga maritima</i> Arginine Binding Protein. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2016, 1864, 814-824.	2.3	13
21	Self-oriented monolayer immobilization of ovalbumin and <i>B. cereus</i> antibody molecules on a chemically modified surface of silicon nitride fosters the enhancement of capture of bio-agents. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 148, 585-591.	5.0	6
22	A novel fluorescence polarization assay for determination of penicillin G in milk. <i>Food Chemistry</i> , 2016, 190, 381-385.	8.2	44
23	Easy to Use Plastic Optical Fiber-Based Biosensor for Detection of Butanal. <i>PLoS ONE</i> , 2015, 10, e0116770.	2.5	23
24	A near-infrared fluorescence assay method to detect patulin in food. <i>Analytical Biochemistry</i> , 2015, 481, 55-59.	2.4	35
25	A surface acoustic wave bio-electronic nose for detection of volatile odorant molecules. <i>Biosensors and Bioelectronics</i> , 2015, 67, 516-523.	10.1	58
26	Tryptophan Residue of the D-Galactose/D-Glucose-Binding Protein from <i>E. Coli</i> Localized in its Active Center Does not Contribute to the Change in Intrinsic Fluorescence Upon Glucose Binding. <i>Journal of Fluorescence</i> , 2015, 25, 87-94.	2.5	6
27	Studies of conformational changes of an arginine-binding protein from <i>Thermotoga maritima</i> in the presence and absence of ligand via molecular dynamics simulations with the coarse-grained UNRES force field. <i>Journal of Molecular Modeling</i> , 2015, 21, 64.	1.8	9
28	A Rapid and Sensitive Assay for the Detection of Benzylpenicillin (PenG) in Milk. <i>PLoS ONE</i> , 2015, 10, e0132396.	2.5	16
29	Novel biosensors based on optimized glycine oxidase. <i>FEBS Journal</i> , 2014, 281, 3460-3472.	4.7	16
30	Tryptophan-scanning mutagenesis of the ligand binding pocket in <i>Thermotoga maritima</i> arginine-binding protein. <i>Biochimie</i> , 2014, 99, 208-214.	2.6	11
31	Biophotonic Ring Resonator for Ultrasensitive Detection of DMMP As a Simulant for Organophosphorus Agents. <i>Analytical Chemistry</i> , 2014, 86, 5125-5130.	6.5	17
32	Correlation between fluorescence and structure in the orange-emitting GFP-like protein, monomeric Kusabira Orange. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014, 138, 223-229.	3.8	2
33	The trehalose/maltose-binding protein as the sensitive element of a glucose biosensor. <i>Optical Materials</i> , 2014, 36, 1676-1679.	3.6	9
34	A surface plasmon resonance based biochip for the detection of patulin toxin. <i>Optical Materials</i> , 2014, 36, 1670-1675.	3.6	53
35	Characterization of bacterial NMN deamidase as a Ser/Lys hydrolase expands diversity of serine amidohydrolases. <i>FEBS Letters</i> , 2014, 588, 1016-1023.	2.8	6
36	Preparation of surface acoustic wave odor sensors by laser-induced forward transfer. <i>Sensors and Actuators B: Chemical</i> , 2014, 192, 369-377.	7.8	37

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37	The Quaternary Structure of the Recombinant Bovine Odorant-Binding Protein Is Modulated by Chemical Denaturants. PLoS ONE, 2014, 9, e85169.	2.5	9
38	A Loose Domain Swapping Organization Confers a Remarkable Stability to the Dimeric Structure of the Arginine Binding Protein from <i>Thermotoga maritima</i> . PLoS ONE, 2014, 9, e96560.	2.5	31
39	Amino acid transport in thermophiles: Characterization of an arginine-binding protein from <i>Thermotoga maritima</i> . 3. Conformational dynamics and stability. Journal of Photochemistry and Photobiology B: Biology, 2013, 118, 66-73.	3.8	23
40	Vesicular and non-vesicular transport feed distinct glycosylation pathways in the Golgi. Nature, 2013, 501, 116-120.	27.8	136
41	Extending the range of FRET—the Monte Carlo study of the antenna effect. Journal of Molecular Modeling, 2013, 19, 4195-4201.	1.8	12
42	An innovative plastic optical fiber-based biosensor for new bio/applications. The case of celiac disease. Sensors and Actuators B: Chemical, 2013, 176, 1008-1014.	7.8	85
43	Detection of odorant molecules via surface acoustic wave biosensor array based on odorant-binding proteins. Biosensors and Bioelectronics, 2013, 41, 328-334.	10.1	87
44	Structural Analysis and Caco-2 Cell Permeability of the Celiac-Toxic A-Gliadin Peptide 31–55. Journal of Agricultural and Food Chemistry, 2013, 61, 1088-1096.	5.2	29
45	Periplasmic Binding Proteins in Thermophiles: Characterization and Potential Application of an Arginine-Binding Protein from <i>Thermotoga maritima</i> : A Brief Thermo-Story. Life, 2013, 3, 149-160.	2.4	13
46	Physicochemical Characterization of a Thermostable Alcohol Dehydrogenase from <i>Pyrobaculum aerophilum</i> . PLoS ONE, 2013, 8, e63828.	2.5	8
47	Correlation Spectroscopy and Molecular Dynamics Simulations to Study the Structural Features of Proteins. PLoS ONE, 2013, 8, e64840.	2.5	2
48	Extending Förster resonance energy transfer measurements beyond 100 Å using common organic fluorophores: enhanced transfer in the presence of multiple acceptors. Journal of Biomedical Optics, 2012, 17, 011006.	2.6	20
49	Odorant detection via Solidly Mounted Resonator biosensor. , 2012, , .		6
50	A new competitive fluorescence immunoassay for detection of <i>Listeria monocytogenes</i> . Analytical Methods, 2012, 4, 4187.	2.7	18
51	A surface plasmon resonance-based biochip to reveal traces of ephedrine. Analytical Methods, 2012, 4, 1940.	2.7	11
52	Alcohol dehydrogenase from the hyperthermophilic archaeon <i>Pyrobaculum aerophilum</i> : Stability at high temperature. Archives of Biochemistry and Biophysics, 2012, 525, 40-46.	3.0	9
53	Determination of benzyl methyl ketone—a commonly used precursor in amphetamine manufacture. Analytical Methods, 2012, 4, 3558.	2.7	9
54	Under Pressure That Splits a Family in Two. The Case of Lipocalin Family. PLoS ONE, 2012, 7, e50489.	2.5	8

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55	Engineering resonance energy transfer for advanced immunoassays: The case of celiac disease. <i>Analytical Biochemistry</i> , 2012, 425, 13-17.	2.4	5
56	Fluorescence-Based Biosensors. <i>Methods in Molecular Biology</i> , 2012, 875, 193-216.	0.9	60
57	D-Serine-Dehydratase from <i>Saccaromyces cerevisiae</i> : A Pyridoxal 5â€™-phosphate-Dependent Enzyme for Advanced Biotech Applications. <i>Protein and Peptide Letters</i> , 2012, 19, 592-595.	0.9	2
58	New Insight in Proteinâ€™Ligand Interactions. 2. Stability and Properties of Two Mutant Forms of the <i>d</i> -Galactose/ <i>d</i> -Glucose-Binding Protein from <i>E. coli</i> . <i>Journal of Physical Chemistry B</i> , 2011, 115, 9022-9032.	2.6	13
59	New Insight into Proteinâ€™Ligand Interactions. The Case of the <i>d</i> -Galactose/ <i>d</i> -Glucose-Binding Protein from <i>Escherichia coli</i> . <i>Journal of Physical Chemistry B</i> , 2011, 115, 2765-2773.	2.6	13
60	Absorption into fluorescence. A method to sense biologically relevant gas molecules. <i>Nanoscale</i> , 2011, 3, 298-302.	5.6	23
61	A new optical method for a fast and simple detection of ephedrine. <i>Proceedings of SPIE</i> , 2011, , .	0.8	1
62	Long-Distance FRET Analysis: A Monte Carlo Simulation Study. <i>Journal of Physical Chemistry B</i> , 2011, 115, 10120-10125.	2.6	33
63	Crystallization and preliminary X-ray crystallographic analysis of ligand-free and arginine-bound forms of <i>Thermotoga maritima</i> arginine-binding protein. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2011, 67, 1462-1465.	0.7	12
64	Myoglobin as a New Fluorescence Probe to Sense H ₂ S. <i>Protein and Peptide Letters</i> , 2011, 18, 282-286.	0.9	42
65	Crystal structure of an <i>S</i> -formylglutathione hydrolase from <i>Pseudoalteromonas haloplanktis</i> TAC125. <i>Biopolymers</i> , 2010, 93, 669-677.	2.4	21
66	Human galectinâ€™3 interacts with two anticancer drugs. <i>Proteomics</i> , 2010, 10, 1946-1953.	2.2	11
67	Structure and stability of D-galactose/D-glucose-binding protein. The role of D-glucose binding and Ca ion depletion. <i>Spectroscopy</i> , 2010, 24, 355-359.	0.8	4
68	High stability of trehalose/maltose binding protein from <i>Thermococcus litoralis</i> makes it a good candidate as a sensitive element in biosensor systems for sugar control. <i>Spectroscopy</i> , 2010, 24, 349-353.	0.8	1
69	Denaturation of proteins with beta-barrel topology induced by guanidine hydrochloride. <i>Spectroscopy</i> , 2010, 24, 367-373.	0.8	4
70	New trends in bio/nanotechnology: stable proteins as advanced molecular tools for health and environment. <i>Environmental Technology (United Kingdom)</i> , 2010, 31, 935-942.	2.2	9
71	The Archaeal Topoisomerase Reverse Gyrase Is a Helix-destabilizing Protein That Unwinds Four-way DNA Junctions. <i>Journal of Biological Chemistry</i> , 2010, 285, 36532-36541.	3.4	8
72	Amino acid transport in thermophiles: characterization of an arginine-binding protein in <i>Thermotoga maritima</i> . 2. Molecular organization and structural stability. <i>Molecular BioSystems</i> , 2010, 6, 687.	2.9	20

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73	Properties and evolution of an alcohol dehydrogenase from the Crenarchaeota <i>Pyrobaculum aerophilum</i> . <i>Gene</i> , 2010, 461, 26-31.	2.2	9
74	Structure and Stability of a Rat Odorant-Binding Protein: Another Brick in the Wall. <i>Journal of Proteome Research</i> , 2009, 8, 4005-4013.	3.7	17
75	Structure and Dynamics of Cold-Adapted Enzymes as Investigated by Phosphorescence Spectroscopy and Molecular Dynamics Studies. 2. The Case of an Esterase from <i>Pseudoalteromonas haloplanktis</i> . <i>Journal of Physical Chemistry B</i> , 2009, 113, 13171-13178.	2.6	15
76	Amino acid transport in thermophiles: characterization of an arginine-binding protein in <i>Thermotoga maritima</i> . <i>Molecular BioSystems</i> , 2009, 6, 142-151.	2.9	22
77	Nanostructured Silver-Based Surfaces: New Emergent Methodologies for an Easy Detection of Analytes. <i>ACS Applied Materials & Interfaces</i> , 2009, 1, 2909-2916.	8.0	33
78	Structure and Dynamics of Cold-Adapted Enzymes as Investigated by FT-IR Spectroscopy and MD. The Case of an Esterase from <i>Pseudoalteromonas haloplanktis</i> . <i>Journal of Physical Chemistry B</i> , 2009, 113, 7753-7761.	2.6	15
79	Tumor-specific protein human galectin-1 interacts with anticancer agents. <i>Molecular BioSystems</i> , 2009, 5, 1331.	2.9	19
80	Pressure Effects on the Structure and Stability of the Hyperthermophilic Trehalose/Maltose-Binding Protein from <i>Thermococcus litoralis</i> . <i>Journal of Physical Chemistry B</i> , 2009, 113, 12804-12808.	2.6	1
81	FCS-Based Sensing for the Detection of Ochratoxin and Neomycin in Food. <i>Protein and Peptide Letters</i> , 2009, 16, 1425-1428.	0.9	10
82	Mink Growth Hormone Structural-Functional Relationships: Effects of Renaturing and Storage Conditions. <i>Protein Journal</i> , 2008, 27, 170-180.	1.6	9
83	Enzymes and proteins from extremophiles as hyperstable probes in nanotechnology: the use of D-trehalose/D-maltose-binding protein from the hyperthermophilic archaeon <i>Thermococcus litoralis</i> for sugars monitoring. <i>Extremophiles</i> , 2008, 12, 69-73.	2.3	12
84	Hydrophobic interactions and ionic networks play an important role in thermal stability and denaturation mechanism of the porcine odorant-binding protein. <i>Proteins: Structure, Function and Bioinformatics</i> , 2008, 71, 35-44.	2.6	32
85	The differences in the microenvironment of the two tryptophan residues of the glutamine-binding protein from <i>Escherichia coli</i> shed light on the binding properties and the structural dynamics of the protein. <i>Proteins: Structure, Function and Bioinformatics</i> , 2008, 71, 743-750.	2.6	11
86	Mutant bovine odorant-binding protein: Temperature affects the protein stability and dynamics as revealed by infrared spectroscopy and molecular dynamics simulations. <i>Proteins: Structure, Function and Bioinformatics</i> , 2008, 72, 769-778.	2.6	13
87	Molecular strategies for protein stabilization: The case of a trehalose/maltose-binding protein from <i>Thermus thermophilus</i> . <i>Proteins: Structure, Function and Bioinformatics</i> , 2008, 73, 839-850.	2.6	8
88	Time-resolved fluorescence spectroscopy and molecular dynamics simulations point out the effects of pressure on the stability and dynamics of the porcine odorant-binding protein. <i>Biopolymers</i> , 2008, 89, 284-291.	2.4	7
89	Structural and Thermal Stability Characterization of <i>Escherichia coli</i> -Galactose/d-Glucose-Binding Protein. <i>Biotechnology Progress</i> , 2008, 20, 330-337.	2.6	24
90	The Tryptophan Phosphorescence of Porcine and Mutant Bovine Odorant-Binding Proteins: A Probe for the Local Protein Structure and Dynamics. <i>Journal of Proteome Research</i> , 2008, 7, 1151-1158.	3.7	19

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91	Carbon nanotube-based biosensors. <i>Journal of Physics Condensed Matter</i> , 2008, 20, 474201.	1.8	11
92	Microbial carbohydrate esterases in cold adapted environments. <i>Gene</i> , 2008, 410, 234-240.	2.2	44
93	Wild-Type and Mutant Bovine Odorant-Binding Proteins To Probe the Role of the Quaternary Structure Organization in the Protein Thermal Stability. <i>Journal of Proteome Research</i> , 2008, 7, 5221-5229.	3.7	16
94	Nanobeads-based assays. The case of gluten detection. <i>Journal of Physics Condensed Matter</i> , 2008, 20, 474202.	1.8	7
95	Is Asparagine Deamidation in the Porcine Odorant-Binding Protein Related to the Odor Molecules Binding?. <i>Protein and Peptide Letters</i> , 2008, 15, 895-899.	0.9	1
96	The protein scaffold of the lipocalin odorant-binding protein is suitable for the design of new biosensors for the detection of explosive components. <i>Journal of Physics Condensed Matter</i> , 2007, 19, 395012.	1.8	34
97	Design and realization of highly stable porous silicon optical biosensor based on proteins from extremophiles. , 2007, , .		1
98	Biochips at work: porous silicon microbiosensor for proteomic diagnostic. <i>Journal of Physics Condensed Matter</i> , 2007, 19, 395007.	1.8	7
99	Confocal imaging of protein distributions in porous silicon optical structures. <i>Journal of Physics Condensed Matter</i> , 2007, 19, 395009.	1.8	11
100	New Emergent Nanotechnologies in Medical and Biochemical Applications:Advanced Fluorescence Protein-Based Nanosensors. <i>Current Chemical Biology</i> , 2007, 1, 3-9.	0.5	0
101	The psychrophilic bacterium <i>Pseudoalteromonas haloplanktis</i> TAC125 possesses a gene coding for a cold-adapted feruloyl esterase activity that shares homology with esterase enzymes from β -proteobacteria and yeast. <i>Gene</i> , 2007, 397, 51-57.	2.2	38
102	A New Competitive Fluorescence Assay for the Detection of Patulin Toxin. <i>Analytical Chemistry</i> , 2007, 79, 751-757.	6.5	59
103	Tryptophan Phosphorescence Studies of the d-Galactose/d-Glucose-Binding Protein from <i>Escherichia coli</i> Provide a Molecular Portrait with Structural and Dynamics Features of the Protein. <i>Journal of Proteome Research</i> , 2007, 6, 1306-1312.	3.7	13
104	High-Affinity Binding of Cadmium Ions by Mouse Metallothionein Prompting the Design of a Reversed-Displacement Protein-Based Fluorescence Biosensor for Cadmium Detection. <i>Analytical Chemistry</i> , 2007, 79, 5760-5762.	6.5	34
105	A Strategic Fluorescence Labeling of d-Galactose/d-Glucose-Binding Protein from <i>Escherichia coli</i> Helps to Shed Light on the Protein Structural Stability and Dynamics. <i>Journal of Proteome Research</i> , 2007, 6, 4119-4126.	3.7	16
106	Stability and Dynamics of the Porcine Odorant-Binding Protein. <i>Biochemistry</i> , 2007, 46, 11120-11127.	2.5	27
107	Fluorescence Correlation Spectroscopy Assay for Gliadin in Food. <i>Analytical Chemistry</i> , 2007, 79, 4687-4689.	6.5	25
108	Proteins from extremophiles as stable tools for advanced biotechnological applications of high social interest. <i>Journal of the Royal Society Interface</i> , 2007, 4, 183-191.	3.4	58

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109	D-galactose/D-glucose-binding Protein from Escherichia coli as Probe for a Non-consuming Glucose Implantable Fluorescence Biosensor. <i>Sensors</i> , 2007, 7, 2484-2491.	3.8	21
110	Temperature modulates binding specificity and affinity of the d-trehalose/d-maltose-binding protein from the hyperthermophilic archaeon <i>Thermococcus litoralis</i> . <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2007, 1774, 540-544.	2.3	9
111	Molecular adaptation strategies to high temperature and thermal denaturation mechanism of the D-trehalose/D-maltose-binding protein from the hyperthermophilic archaeon <i>Thermococcus litoralis</i> . <i>Proteins: Structure, Function and Bioinformatics</i> , 2007, 67, 1002-1009.	2.6	9
112	Glutamine-Binding Protein from <i>Escherichia coli</i> Specifically Binds a Wheat Gliadin Peptide Allowing the Design of a New Porous Silicon-Based Optical Biosensor. <i>Journal of Proteome Research</i> , 2006, 5, 1241-1245.	3.7	46
113	Glutamine-Binding Protein from <i>Escherichia coli</i> Specifically Binds a Wheat Gliadin Peptide. 2. Resonance Energy Transfer Studies Suggest a New Sensing Approach for an Easy Detection of Wheat Gliadin. <i>Journal of Proteome Research</i> , 2006, 5, 2083-2086.	3.7	13
114	Pressure Affects the Structure and the Dynamics of the d-Galactose/d-Glucose-Binding Protein from <i>Escherichia coli</i> by Perturbing the C-Terminal Domain of the Protein. <i>Biochemistry</i> , 2006, 45, 11885-11894.	2.5	10
115	Resonant cavity enhanced optical microsensor for molecular interactions based on porous silicon. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2006, 203, 886-891.	1.8	18
116	Porous silicon-based optical microsensor for the detection of l-glutamine. <i>Biosensors and Bioelectronics</i> , 2006, 21, 1664-1667.	10.1	55
117	D-Trehalose/D-maltose-binding protein from the hyperthermophilic archaeon <i>Thermococcus litoralis</i> : The binding of trehalose and maltose results in different protein conformational states. <i>Proteins: Structure, Function and Bioinformatics</i> , 2006, 63, 754-767.	2.6	20
118	Exploring the cupin-type metal-coordinating signature of acetylacetone dioxygenase Dke1 with site-directed mutagenesis: Catalytic reaction profile and Fe ²⁺ binding stability of Glu-69→Gln mutant. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2006, 39, 171-178.	1.8	15
119	Nanostructured silicon-based biosensors for the selective identification of analytes of social interest. <i>Journal of Physics Condensed Matter</i> , 2006, 18, S2019-S2028.	1.8	16
120	The Odorant-Binding Protein from <i>Canis familiaris</i> : Purification, Characterization and New Perspectives in Biohazard Assessment. <i>Protein and Peptide Letters</i> , 2006, 13, 349-352.	0.9	14
121	Binding of Glucose to the d-Galactose/d-Glucose-Binding Protein from <i>Escherichia coli</i> Restores the Native Protein Secondary Structure and Thermostability That Are Lost upon Calcium Depletion. <i>Journal of Biochemistry</i> , 2006, 139, 213-221.	1.7	25
122	The role of calcium in the conformational dynamics and thermal stability of the D-galactose/D-glucose-binding protein from <i>Escherichia coli</i> . <i>Proteins: Structure, Function and Bioinformatics</i> , 2005, 61, 184-195.	2.6	29
123	Pressure effect on the stability and the conformational dynamics of the D-Galactose/D-Glucose-binding protein from <i>Escherichia coli</i> . <i>Proteins: Structure, Function and Bioinformatics</i> , 2005, 62, 193-201.	2.6	7
124	Structure/function of KRAB repression domains: Structural properties of KRAB modules inferred from hydrodynamic, circular dichroism, and FTIR spectroscopic analyses. <i>Proteins: Structure, Function and Bioinformatics</i> , 2005, 62, 604-616.	2.6	15
125	Expression, Purification and Partial Characterization of the Kr ^{1/4} ppel-Associated Box (KRAB) from the Human ZNF2 Protein. <i>Protein and Peptide Letters</i> , 2005, 12, 527-532.	0.9	1
126	Writing 3D protein nanopatterns onto a silicon nanosponge. <i>Lab on A Chip</i> , 2005, 5, 1048.	6.0	26

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127	Glucose biosensors as models for the development of advanced protein-based biosensors. <i>Molecular BioSystems</i> , 2005, 1, 354.	2.9	37
128	Unfolding and Refolding of the Glutamine-Binding Protein from <i>Escherichia coli</i> and Its Complex with Glutamine Induced by Guanidine Hydrochloride. <i>Biochemistry</i> , 2005, 44, 5625-5633.	2.5	27
129	Fluorescence Properties of Glutamine-Binding Protein from <i>Escherichia coli</i> and Its Complex with Glutamine. <i>Journal of Proteome Research</i> , 2005, 4, 417-423.	3.7	15
130	A Thermostable Sugar-Binding Protein from the Archaeon <i>Pyrococcus horikoshii</i> as a Probe for the Development of a Stable Fluorescence Biosensor for Diabetic Patients. <i>Biotechnology Progress</i> , 2004, 20, 1572-1577.	2.6	14
131	A Recombinant Glutamine-Binding Protein from <i>Escherichia coli</i> : Effect of Ligand-Binding on Protein Conformational Dynamics. <i>Biotechnology Progress</i> , 2004, 20, 1847-1854.	2.6	9
132	Protein-Based Biosensors for Diabetic Patients. <i>Journal of Fluorescence</i> , 2004, 14, 491-498.	2.5	23
133	Binding of glutamine to glutamine-binding protein from <i>Escherichia coli</i> induces changes in protein structure and increases protein stability. <i>Proteins: Structure, Function and Bioinformatics</i> , 2004, 58, 80-87.	2.6	30
134	Odor binding protein as probe for a refractive index-based biosensor: new perspectives in biohazard assessment. , 2004, 5321, 258.		3
135	Theoretical model of the three-dimensional structure of a sugar-binding protein from <i>Pyrococcus horikoshii</i> : structural analysis and sugar-binding simulations. <i>Biochemical Journal</i> , 2004, 380, 677-684.	3.7	25
136	Conformational stability and domain coupling in D-glucose/D-galactose-binding protein from <i>Escherichia coli</i> . <i>Biochemical Journal</i> , 2004, 381, 97-103.	3.7	26
137	Effects of Metallic Silver Particles on Resonance Energy Transfer Between Fluorophores Bound to DNA. <i>Journal of Fluorescence</i> , 2003, 13, 69-77.	2.5	52
138	Fluorescence of Proteins: Editorial Overview. <i>Journal of Fluorescence</i> , 2003, 13, 1-1.	2.5	1
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