Sabato D'auria

List of Publications by Year
in descending order

136 papers	3,730 citations	172207 29 h-index	168136 53 g-index
137 all docs	137 docs citations	137 times ranked	3892 citing authors

#	Article	IF	Citations
1	How do plants sense volatiles sent by other plants?. Trends in Plant Science, 2022, 27, 29-38.	4.3	44
2	Photonic Label-Free Biosensors for Fast and Multiplex Detection of Swine Viral Diseases. Sensors, 2022, 22, 708.	2.1	7
3	The Porcine Odorant-Binding Protein as a Probe for an Impedenziometric-Based Detection of Benzene in the Environment. International Journal of Molecular Sciences, 2022, 23, 4039.	1.8	4
4	Emergent Biosensing Technologies Based on Fluorescence Spectroscopy and Surface Plasmon Resonance. Sensors, 2021, 21, 906.	2.1	34
5	A hypothesis on the capacity of plant odorant-binding proteins to bind volatile isoprenoids based on in silico evidences. ELife, 2021, 10, .	2.8	11
6	A thermoelectrically stabilized aluminium acoustic trap combined with attenuated total reflection infrared spectroscopy for detection of Escherichia coli in water. Lab on A Chip, 2021, 21, 1811-1819.	3.1	2
7	New immobilization method of anti-PepD monoclonal antibodies for the detection of Listeria monocytogenes p60 protein â€“ Part A: Optimization of a crosslinked film support based on chitosan and cellulose nanocrystals (CNC). Reactive and Functional Polymers, 2020, 146, 104313.	2.0	6
8	A fluorescence immunoassay for a rapid detection of Listeria monocytogenes on working surfaces. Scientific Reports, 2020, 10, 21729.	1.6	7
9	Fluorescence polarization assay to detect the presence of traces of ciprofloxacin. Scientific Reports, 2020, 10, 4550.	1.6	19
10	Structural features of the glutamate-binding protein from Corynebacterium glutamicum. International Journal of Biological Macromolecules, 2020, 162, 903-912.	3.6	3
11	Sweet Sensor for the Detection of Aflatoxin M1 in Whole Milk. ACS Omega, 2019, 4, 12803-12807.	1.6	17
12	New immobilization method of anti-PepD monoclonal antibodies for the detection of Listeria monocytogenes p60 protein â€“ Part B: Rapid and specific sandwich ELISA using antibodies immobilized on a chitosan/CNC film support. Reactive and Functional Polymers, 2019, 143, 104317.	2.0	8
13	Design and Development of Photonic Biosensors for Swine Viral Diseases Detection. Sensors, 2019, 19, 3985.	2.1	9
14	A Diagnostic Device for In-Situ Detection of Swine Viral Diseases: The SWINOSTICS Project. Sensors, 2019, 19, 407.	2.1	12
15	Effect of the optimized selective enrichment medium on the expression of the p60 protein used as Listeria monocytogenes antigen in specific sandwich ELISA. Research in Microbiology, 2019, 170, 182-191.	1.0	10
16	WaterSpy: A High Sensitivity, Portable Photonic Device for Pervasive Water Quality Analysis. Sensors, 2019, 19, 33.	2.1	7
17	Detection of naphthalene in sea-water by a label-free plasmonic optical fiber biosensor. Talanta, 2019, 194, 289-297.	2.9	25
18	A High Sensitivity Biosensor to detect the presence of perfluorinated compounds in environment. Talanta, 2018, 178, 955-961.	2.9	57

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19	Cloning and bacterial expression systems for recombinant human heparanase production: Substrate specificity investigation by docking of a putative heparanase substrate. Biotechnology and Applied Biochemistry, 2018, 65, 89-98.	1.4	6
20	The porcine odorant-binding protein as molecular probe for benzene detection. PLoS ONE, 2018, 13, e0202630.	1.1	13
21	Plasmonic Chemical and Biological Sensors based on plastic optical fibers. , 2018, , .		1
22	Domain swapping dissection in Thermotoga maritima arginine binding protein: How structural flexibility may compensate destabilization. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2018, 1866, 952-962.	1.1	10
23	Modern fluorescence-based concepts and methods to study biomolecular interactions. Molecular Systems Design and Engineering, 2017, 2, 123-132.	1.7	9
24	Engineering a switch-based biosensor for arginine using a Thermotoga maritima periplasmic binding protein. Analytical Biochemistry, 2017, 525, 60-66.	1.1	15
25	Enzymes as Sensors. Methods in Enzymology, 2017, 589, 115-131.	0.4	15
26	Osmolyte-Like Stabilizing Effects of Low GdnHCl Concentrations on d-Glucose/d-Galactose-Binding Protein. International Journal of Molecular Sciences, 2017, 18, 2008.	1.8	2
27	On the possibility of ephedrine detection: time-resolved fluorescence resonance energy transfer (FRET)-based approach. Analytical and Bioanalytical Chemistry, 2016, 408, 6329-6336.	1.9	7
28	Proline 235 plays a key role in the regulation of the oligomeric states of Thermotoga maritima Arginine Binding Protein. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2016, 1864, 814-824.	1.1	13
29	Self-oriented monolayer immobilization of ovalbumin and B. cereus antibody molecules on a chemically modified surface of silicon nitride fosters the enhancement of capture of bio-agents. Colloids and Surfaces B: Biointerfaces, 2016, 148, 585-591.	2.5	6
30	A novel fluorescence polarization assay for determination of penicillin G in milk. Food Chemistry, 2016, 190, 381-385.	4.2	44
31	Easy to Use Plastic Optical Fiber-Based Biosensor for Detection of Butanal. PLoS ONE, 2015, 10, e0116770.	1.1	23
32	A near-infrared fluorescence assay method to detect patulin in food. Analytical Biochemistry, 2015, 481, 55-59.	1.1	35
33	Tryptophan Residue of the D-Galactose/D-Glucose-Binding Protein from E. Coli Localized in its Active Center Does not Contribute to the Change in Intrinsic Fluorescence Upon Glucose Binding. Journal of Fluorescence, 2015, 25, 87-94.	1.3	6
34	Studies of conformational changes of an arginine-binding protein from Thermotoga maritima in the presence and absence of ligand via molecular dynamics simulations with the coarse-grained UNRES force field. Journal of Molecular Modeling, 2015, 21, 64.	0.8	9
35	A Fluorescence Polarization Assay To Detect Steroid Hormone Traces in Milk. Journal of Agricultural and Food Chemistry, 2015, 63, 9159-9164.	2.4	26
36	A Rapid and Sensitive Assay for the Detection of Benzylpenicillin (PenG) in Milk. PLoS ONE, 2015, 10, e0132396.	1.1	16

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37	Novel biosensors based on optimized glycine oxidase. FEBS Journal, 2014, 281, 3460-3472.	2.2	16
38	Tryptophan-scanning mutagenesis of the ligand binding pocket in Thermotoga maritima arginine-binding protein. Biochimie, 2014, 99, 208-214.	1.3	11
39	Biophotonic Ring Resonator for Ultrasensitive Detection of DMMP As a Simulant for Organophosphorus Agents. Analytical Chemistry, 2014, 86, 5125-5130.	3.2	17
40	The Quaternary Structure of the Recombinant Bovine Odorant-Binding Protein Is Modulated by Chemical Denaturants. PLoS ONE, 2014, 9, e85169.	1.1	9
41	A Loose Domain Swapping Organization Confers a Remarkable Stability to the Dimeric Structure of the Arginine Binding Protein from Thermotoga maritima. PLoS ONE, 2014, 9, e96560.	1.1	31
42	Extending the range of FRETâ€"the Monte Carlo study of the antenna effect. Journal of Molecular Modeling, 2013, 19, 4195-4201.	0.8	12
43	Periplasmic Binding Proteins in Thermophiles: Characterization and Potential Application of an Arginine-Binding Protein from Thermotoga maritima: A Brief Thermo-Story. Life, 2013, 3, 149-160.	1.1	13
44	Correlation Spectroscopy and Molecular Dynamics Simulations to Study the Structural Features of Proteins. PLoS ONE, 2013, 8, e64840.	1.1	2
45	Extending Foì†rster resonance energy transfer measurements beyond 100 AÌŠ using common organic fluorophores: enhanced transfer in the presence of multiple acceptors. Journal of Biomedical Optics, 2012, 17, 011006.	1.4	20
46	A new competitive fluorescence immunoassay for detection of Listeria monocytogenes. Analytical Methods, 2012, 4, 4187.	1.3	18
47	A surface plasmon resonance-based biochip to reveal traces of ephedrine. Analytical Methods, 2012, 4, 1940.	1.3	11
48	Alcohol dehydrogenase from the hyperthermophilic archaeon Pyrobaculum aerophilum: Stability at high temperature. Archives of Biochemistry and Biophysics, 2012, 525, 40-46.	1.4	9
49	Determination of benzyl methyl ketone â€“ a commonly used precursor in amphetamine manufacture. Analytical Methods, 2012, 4, 3558.	1.3	9
50	Under Pressure That Splits a Family in Two. The Case of Lipocalin Family. PLoS ONE, 2012, 7, e50489.	1.1	8
51	Engineering resonance energy transfer for advanced immunoassays: The case of celiac disease. Analytical Biochemistry, 2012, 425, 13-17.	1.1	5
52	Fluorescence-Based Biosensors. Methods in Molecular Biology, 2012, 875, 193-216.	0.4	60
53	New Insight in Proteinâ€“Ligand Interactions. 2. Stability and Properties of Two Mutant Forms of the <scp>d</scp>-Galactose/<scp>d</scp>-Glucose-Binding Protein from E. coli. Journal of Physical Chemistry B, 2011, 115, 9022-9032.	1.2	13
54	New Insight into Proteinâ^'Ligand Interactions. The Case of thed-Galactose/d-Glucose-Binding Protein fromEscherichia coli. Journal of Physical Chemistry B, 2011, 115, 2765-2773.	1.2	13

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55	Absorption into fluorescence. A method to sense biologically relevant gas molecules. Nanoscale, 2011, 3, 298-302.	2.8	23
56	Long-Distance FRET Analysis: A Monte Carlo Simulation Study. Journal of Physical Chemistry B, 2011, 115, 10120-10125.	1.2	33
57	Crystallization and preliminary X-ray crystallographic analysis of ligand-free and arginine-bound forms ofThermotoga maritimaarginine-binding protein. Acta Crystallographica Section F: Structural Biology Communications, 2011, 67, 1462-1465.	0.7	12
58	Myoglobin as a New Fluorescence Probe to Sense H2S. Protein and Peptide Letters, 2011, 18, 282-286.	0.4	42
59	Human galectinâ€3 interacts with two anticancer drugs. Proteomics, 2010, 10, 1946-1953.	1.3	11
60	Structure and stability of D-galactose/D-glucose-binding protein. The role of D-glucose binding and Ca ion depletion. Spectroscopy, 2010, 24, 355-359.	0.8	4
61	Amino acid transport in thermophiles: characterization of an arginine-binding protein in Thermotoga maritima. 2. Molecular organization and structural stability. Molecular BioSystems, 2010, 6, 687.	2.9	20
62	Structure and Stability of a Rat Odorant-Binding Protein: Another Brick in the Wall. Journal of Proteome Research, 2009, 8, 4005-4013.	1.8	17
63	Structure and Dynamics of Cold-Adapted Enzymes as Investigated by Phosphorescence Spectroscopy and Molecular Dynamics Studies. 2. The Case of an Esterase from Pseudoalteromonas haloplanktis. Journal of Physical Chemistry B, 2009, 113, 13171-13178.	1.2	15
64	Amino acid transport in thermophiles: characterization of an arginine-binding protein in Thermotoga maritima. Molecular BioSystems, 2009, 6, 142-151.	2.9	22
65	Nanostructured Silver-Based Surfaces: New Emergent Methodologies for an Easy Detection of Analytes. ACS Applied Materials & Interfaces, 2009, 1, 2909-2916.	4.0	33
66	Structure and Dynamics of Cold-Adapted Enzymes as Investigated by FT-IR Spectroscopy and MD. The Case of an Esterase from Pseudoalteromonas haloplanktis. Journal of Physical Chemistry B, 2009, 113, 7753-7761.	1.2	15
67	Tumor-specific protein human galectin-1 interacts with anticancer agents. Molecular BioSystems, 2009, 5, 1331.	2.9	19
68	Pressure Effects on the Structure and Stability of the Hyperthermophilic Trehalose/Maltose-Binding Protein from Thermococcus litoralis. Journal of Physical Chemistry B, 2009, 113, 12804-12808.	1.2	1
69	Mink Growth Hormone Structuralâ€"Functional Relationships: Effects of Renaturing and Storage Conditions. Protein Journal, 2008, 27, 170-180.	0.7	9
70	Enzymes and proteins from extremophiles as hyperstable probes in nanotechnology: the use of D-trehalose/D-maltose-binding protein from the hyperthermophilic archaeon Thermococcus litoralis for sugars monitoring. Extremophiles, 2008, 12, 69-73.	0.9	12
71	Hydrophobic interactions and ionic networks play an important role in thermal stability and denaturation mechanism of the porcine odorantâ€binding protein. Proteins: Structure, Function and Bioinformatics, 2008, 71, 35-44.	1.5	32
72	The differences in the microenvironment of the two tryptophan residues of the glutamineâ€binding protein from Escherichia coli shed light on the binding properties and the structural dynamics of the protein. Proteins: Structure, Function and Bioinformatics, 2008, 71, 743-750.	1.5	11

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73	Mutant bovine odorantâ€binding protein: Temperature affects the protein stability and dynamics as revealed by infrared spectroscopy and molecular dynamics simulations. Proteins: Structure, Function and Bioinformatics, 2008, 72, 769-778.	1.5	13
74	Molecular strategies for protein stabilization: The case of a trehalose/maltoseâ€binding protein from Thermus thermophilus. Proteins: Structure, Function and Bioinformatics, 2008, 73, 839-850.	1.5	8
75	Timeâ€resolved fluorescence spectroscopy and molecular dynamics simulations point out the effects of pressure on the stability and dynamics of the porcine odorantâ€binding protein. Biopolymers, 2008, 89, 284-291.	1.2	7
76	Structural and Thermal Stability Characterization of Escherichia colid-Galactose/d-Glucose-Binding Protein. Biotechnology Progress, 2008, 20, 330-337.	1.3	24
77	The Tryptophan Phosphorescence of Porcine and Mutant Bovine Odorant-Binding Proteins: A Probe for the Local Protein Structure and Dynamics. Journal of Proteome Research, 2008, 7, 1151-1158.	1.8	19
78	Carbon nanotube-based biosensors. Journal of Physics Condensed Matter, 2008, 20, 474201.	0.7	11
79	Microbial carbohydrate esterases in cold adapted environments. Gene, 2008, 410, 234-240.	1.0	44
80	Wild-Type and Mutant Bovine Odorant-Binding Proteins To Probe the Role of the Quaternary Structure Organization in the Protein Thermal Stability. Journal of Proteome Research, 2008, 7, 5221-5229.	1.8	16
81	New Emergent Nanotechnologies in Medical and Biochemical Applications:Advanced Fluorescence Protein-Based Nanosensors. Current Chemical Biology, 2007, 1, 3-9.	0.2	0
82	The psychrophilic bacterium Pseudoalteromonas halosplanktis TAC125 possesses a gene coding for a cold-adapted feruloyl esterase activity that shares homology with esterase enzymes from Î³-proteobacteria and yeast. Gene, 2007, 397, 51-57.	1.0	38
83	A New Competitive Fluorescence Assay for the Detection of Patulin Toxin. Analytical Chemistry, 2007, 79, 751-757.	3.2	59
84	Tryptophan Phosphorescence Studies of thed-Galactose/d-Glucose-Binding Protein fromEscherichiacoliProvide a Molecular Portrait with Structural and Dynamics Features of the Protein. Journal of Proteome Research, 2007, 6, 1306-1312.	1.8	13
85	High-Affinity Binding of Cadmium Ions by Mouse Metallothionein Prompting the Design of a Reversed-Displacement Protein-Based Fluorescence Biosensor for Cadmium Detection. Analytical Chemistry, 2007, 79, 5760-5762.	3.2	34
86	A Strategic Fluorescence Labeling ofd-Galactose/d-Glucose-Binding Protein fromEscherichiacoliHelps to Shed Light on the Protein Structural Stability and Dynamics. Journal of Proteome Research, 2007, 6, 4119-4126.	1.8	16
87	Stability and Dynamics of the Porcine Odorant-Binding Protein. Biochemistry, 2007, 46, 11120-11127.	1.2	27
88	Fluorescence Correlation Spectroscopy Assay for Gliadin in Food. Analytical Chemistry, 2007, 79, 4687-4689.	3.2	25
89	Proteins from extremophiles as stable tools for advanced biotechnological applications of high social interest. Journal of the Royal Society Interface, 2007, 4, 183-191.	1.5	58
90	D-galactose/D-glucose-binding Protein from Escherichia coli as Probe for a Non-consuming Glucose Implantable Fluorescence Biosensor. Sensors, 2007, 7, 2484-2491.	2.1	21

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91	Temperature modulates binding specificity and affinity of the d-trehalose/d-maltose-binding protein from the hyperthermophilic archaeon Thermococcus litoralis. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2007, 1774, 540-544.	1.1	9
92	Molecular adaptation strategies to high temperature and thermal denaturation mechanism of the D-trehalose/D-maltose-binding protein from the hyperthermophilic archaeon Thermococcus litoralis. Proteins: Structure, Function and Bioinformatics, 2007, 67, 1002-1009.	1.5	9
93	Glutamine-Binding Protein fromEscherichiacoliSpecifically Binds a Wheat Gliadin Peptide Allowing the Design of a New Porous Silicon-Based Optical Biosensorâ€. Journal of Proteome Research, 2006, 5, 1241-1245.	1.8	46
94	Glutamine-Binding Protein fromEscherichiaColiSpecifically Binds a Wheat Gliadin Peptide. 2. Resonance Energy Transfer Studies Suggest a New Sensing Approach for an Easy Detection of Wheat Gliadin. Journal of Proteome Research, 2006, 5, 2083-2086.	1.8	13
95	Pressure Affects the Structure and the Dynamics of thed-Galactose/d-Glucose-Binding Protein fromEscherichia coliby Perturbing the C-Terminal Domain of the Proteinâ€. Biochemistry, 2006, 45, 11885-11894.	1.2	10
96	Resonant cavity enhanced optical microsensor for molecular interactions based on porous silicon. Physica Status Solidi (A) Applications and Materials Science, 2006, 203, 886-891.	0.8	18
97	Porous silicon-based optical microsensor for the detection of l-glutamine. Biosensors and Bioelectronics, 2006, 21, 1664-1667.	5.3	55
98	D-Trehalose/D-maltose-binding protein from the hyperthermophilic archaeon Thermococcus litoralis: The binding of trehalose and maltose results in different protein conformational states. Proteins: Structure, Function and Bioinformatics, 2006, 63, 754-767.	1.5	20
99	The Odorant-Binding Protein from Canis familiaris: Purification, Characterization and New Perspectives in Biohazard Assessment. Protein and Peptide Letters, 2006, 13, 349-352.	0.4	14
100	Binding of Glucose to the d-Galactose/d-Glucoseâ€“Binding Protein from Escherichia coli Restores the Native Protein Secondary Structure and Thermostability That Are Lost upon Calcium Depletion. Journal of Biochemistry, 2006, 139, 213-221.	0.9	25
101	The role of calcium in the conformational dynamics and thermal stability of the D-galactose/D-glucose-binding protein from Escherichia coli. Proteins: Structure, Function and Bioinformatics, 2005, 61, 184-195.	1.5	29
102	Pressure effect on the stability and the conformational dynamics of the D-Galactose/D-Glucose-binding protein from Escherichia coli. Proteins: Structure, Function and Bioinformatics, 2005, 62, 193-201.	1.5	7
103	Structure/function of KRAB repression domains: Structural properties of KRAB modules inferred from hydrodynamic, circular dichroism, and FTIR spectroscopic analyses. Proteins: Structure, Function and Bioinformatics, 2005, 62, 604-616.	1.5	15
104	Writing 3D protein nanopatterns onto a silicon nanosponge. Lab on A Chip, 2005, 5, 1048.	3.1	26
105	Glucose biosensors as models for the development of advanced protein-based biosensors. Molecular BioSystems, 2005, 1, 354.	2.9	37
106	Unfolding and Refolding of the Glutamine-Binding Protein fromEscherichia coliand Its Complex with Glutamine Induced by Guanidine Hydrochlorideâ€. Biochemistry, 2005, 44, 5625-5633.	1.2	27
107	Fluorescence Properties of Glutamine-Binding Protein fromEscherichia coliand Its Complex with Glutamine. Journal of Proteome Research, 2005, 4, 417-423.	1.8	15
108	A Thermostable Sugar-Binding Protein from the Archaeon Pyrococcus horikoshii as a Probe for the Development of a Stable Fluorescence Biosensor for Diabetic Patients. Biotechnology Progress, 2004, 20, 1572-1577.	1.3	14

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109	A Recombinant Glutamine-Binding Protein from Escherichia coli: Effect of Ligand-Binding on Protein Conformational Dynamics. Biotechnology Progress, 2004, 20, 1847-1854.	1.3	9
110	Protein-Based Biosensors for Diabetic Patients. Journal of Fluorescence, 2004, 14, 491-498.	1.3	23
111	Binding of glutamine to glutamine-binding protein from Escherichia coli induces changes in protein structure and increases protein stability. Proteins: Structure, Function and Bioinformatics, 2004, 58, 80-87.	1.5	30
112	Odor binding protein as probe for a refractive index-based biosensor: new perspectives in biohazard assessment. , 2004, 5321, 258.		3
113	Theoretical model of the three-dimensional structure of a sugar-binding protein from Pyrococcus horikoshii: structural analysis and sugar-binding simulations. Biochemical Journal, 2004, 380, 677-684.	1.7	25
114	Conformational stability and domain coupling in D-glucose/D-galactose-binding protein from Escherichia coli. Biochemical Journal, 2004, 381, 97-103.	1.7	26
115	Effects of Metallic Silver Particles on Resonance Energy Transfer Between Fluorophores Bound to DNA. Journal of Fluorescence, 2003, 13, 69-77.	1.3	52
116	Release of the self-quenching of fluorescence near silver metallic surfaces. Analytical Biochemistry, 2003, 320, 13-20.	1.1	193
117	Radiative Decay Engineering. Analytical Biochemistry, 2002, 301, 261-277.	1.1	642
118	A Novel Fluorescence Competitive Assay for Glucose Determinations by Using a Thermostable Glucokinase from the Thermophilic Microorganism Bacillus stearothermophilus. Analytical Biochemistry, 2002, 303, 138-144.	1.1	40
119	Stability and conformational dynamics of metallothioneins from the antarctic fishNotothenia coriiceps and mouse. Proteins: Structure, Function and Bioinformatics, 2002, 46, 259-267.	1.5	27
120	Effect of acidic phospholipids on the structural properties of recombinant cytosolic human glyoxalase II. Proteins: Structure, Function and Bioinformatics, 2002, 48, 126-133.	1.5	7
121	Intrinsic Fluorescence from DNA Can Be Enhanced by Metallic Particles. Biochemical and Biophysical Research Communications, 2001, 286, 875-879.	1.0	199
122	Oxyanion-Mediated Protein Stabilization: Differential Roles of Phosphate for Preventing Inactivation of Bacterial Î±-Glucan Phosphorylases. Biocatalysis and Biotransformation, 2001, 19, 379-398.	1.1	3
123	On the Effect of Sodium Dodecyl Sulfate on the Structure of Â-Galactosidase from Escherichia coli. A Fluorescence Study. Journal of Biochemistry, 2001, 130, 13-18.	0.9	18
124	Structural characterization and thermal stability of Notothenia coriiceps metallothionein. Biochemical Journal, 2001, 354, 291-299.	1.7	24
125	Enzyme fluorescence as a sensing tool: new perspectives in biotechnology. Current Opinion in Biotechnology, 2001, 12, 99-104.	3.3	63
126	Mechanism of thermal denaturation of maltodextrin phosphorylase from Escherichia coli. Biochemical Journal, 2000, 346, 255-263.	1.7	6

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127	The thermophilic esterase fromArchaeoglobus fulgidus: Structure and conformational dynamics at high temperature. , 2000, 38, 351-360.		19
128	The esterase from the thermophilic eubacteriumBacillus acidocaldarius: Structural-functional relationship and comparison with the esterase from the hyperthermophilic archaeonArchaeoglobus fulgidus. Proteins: Structure, Function and Bioinformatics, 2000, 40, 473-481.	1.5	26
129	A Protein Biosensor for Lactate. Analytical Biochemistry, 2000, 283, 83-88.	1.1	29
130	Thermal denaturation pathway of starch phosphorylase from Corynebacterium callunae: Oxyanion binding provides the glue that efficiently stabilizes the dimer structure of the protein. Protein Science, 2000, 9, 1149-1161.	3.1	16
131	A Thermophilic Apoglucose Dehydrogenase as Nonconsuming Glucose Sensor. Biochemical and Biophysical Research Communications, 2000, 274, 727-731.	1.0	69
132	The Fluorescence Emission of the Apo-glucose Oxidase from Aspergillus niger as Probe to Estimate Glucose Concentrations. Biochemical and Biophysical Research Communications, 1999, 263, 550-553.	1.0	73
133	Structure-function studies on Î²-glycosidase from Sulfolobus solfataricus. Molecular bases of thermostability. Biochimie, 1998, 80, 949-957.	1.3	36
134	Effects of temperature and SDS on the structure of Î²-glycosidase from the thermophilic archaeon Sulfolobus solfataricus. Biochemical Journal, 1997, 323, 833-840.	1.7	60
135	Perturbation of conformational dynamics, enzymatic activity, and thermostability of Î²-glycosidase from archaeonSulfolobus solfataricus by pH and sodium dodecyl sulfate detergent. Proteins: Structure, Function and Bioinformatics, 1997, 27, 71-79.	1.5	23
136	Functional and Structural Properties of the Homogeneous Î²-Glycosidase from the Extreme Thermoacidophilic ArchaeonSulfolobus solfataricusExpressed inSaccharomyces cerevisiae. Protein Expression and Purification, 1996, 7, 299-308.	0.6	20