

Simonetta Bartolucci

List of Publications by Year in descending order

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115
papers

3,484
citations

136950

32
h-index

182427

51
g-index

120
all docs

120
docs citations

120
times ranked

2953
citing authors

#	ARTICLE	IF	CITATIONS
1	Enzyme dynamics and hydrogen tunnelling in a thermophilic alcohol dehydrogenase. <i>Nature</i> , 1999, 399, 496-499.	27.8	568
2	Stabilization of Enzymes against Thermal Stress and Freeze-Drying by Mannosylglycerate. <i>Applied and Environmental Microbiology</i> , 1997, 63, 4020-4025.	3.1	111
3	An Autonomously Replicating Transforming Vector for <i>Sulfolobus solfataricus</i> . <i>Journal of Bacteriology</i> , 1998, 180, 3237-3240.	2.2	101
4	The chaperonin from the archaeon <i>Sulfolobus solfataricus</i> promotes correct refolding and prevents thermal denaturation in vitro. <i>Protein Science</i> , 1994, 3, 1436-1443.	7.6	94
5	A protein disulfide oxidoreductase from the archaeon <i>Pyrococcus furiosus</i> contains two thioredoxin fold units. <i>Nature Structural Biology</i> , 1998, 5, 602-611.	9.7	88
6	Characterization of the <i>Sulfolobus</i> host-SSV2 virus interaction. <i>Extremophiles</i> , 2006, 10, 615-627.	2.3	68
7	Cloning and overexpression in <i>Escherichia coli</i> of the genes encoding NAD-dependent alcohol dehydrogenase from two <i>Sulfolobus</i> species. <i>Journal of Bacteriology</i> , 1996, 178, 301-305.	2.2	56
8	The Purification, Cloning, and High Level Expression of a Glutaredoxin-like Protein from the Hyperthermophilic Archaeon <i>Pyrococcus furiosus</i> . <i>Journal of Biological Chemistry</i> , 1995, 270, 5748-5755.	3.4	55
9	Purification and characterization of the alcohol dehydrogenase from a novel strain of <i>Bacillus stearothermophilus</i> growing at 70°C. <i>International Journal of Biochemistry and Cell Biology</i> , 1996, 28, 239-246.	2.8	55
10	Biochemical characterization of a novel thermostable β -glucosidase from <i>Dictyoglomus turgidum</i> . <i>International Journal of Biological Macromolecules</i> , 2018, 113, 783-791.	7.5	54
11	Malic enzyme from archaeobacterium <i>Sulfolobus solfataricus</i> . Purification, structure, and kinetic properties. <i>Journal of Biological Chemistry</i> , 1987, 262, 7725-7731.	3.4	52
12	Stability and activity of a thermostable malic enzyme in denaturants and water-miscible organic solvents. <i>FEBS Journal</i> , 1989, 183, 25-30.	0.2	49
13	Malic enzyme from archaeobacterium <i>Sulfolobus solfataricus</i> . Purification, structure, and kinetic properties. <i>Journal of Biological Chemistry</i> , 1987, 262, 7725-31.	3.4	49
14	A novel arsenate reductase from the bacterium <i>Thermus thermophilus</i> HB27: Its role in arsenic detoxification. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013, 1834, 2071-2079.	2.3	48
15	Diversity of bacteria and archaea from two shallow marine hydrothermal vents from Vulcano Island. <i>Extremophiles</i> , 2017, 21, 733-742.	2.3	48
16	<i>Bacillus coagulans</i> MA-13: a promising thermophilic and cellulolytic strain for the production of lactic acid from lignocellulosic hydrolysate. <i>Biotechnology for Biofuels</i> , 2017, 10, 210.	6.2	48
17	Functional properties of the protein disulfide oxidoreductase from the archaeon <i>Pyrococcus furiosus</i> . <i>FEBS Journal</i> , 2004, 271, 3437-3448.	0.2	47
18	MarR-Like Transcriptional Regulator Involved in Detoxification of Aromatic Compounds in <i>Sulfolobus solfataricus</i> . <i>Journal of Bacteriology</i> , 2007, 189, 7351-7360.	2.2	47

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19	Transcriptome analysis of <i>Sulfolobus solfataricus</i> infected with two related fuselloviruses reveals novel insights into the regulation of CRISPR-Cas system. <i>Biochimie</i> , 2015, 118, 322-332.	2.6	43
20	Identification and molecular characterization of an endoglucanase gene, <i>celS</i> , from the extremely thermophilic archaeon <i>Sulfolobus solfataricus</i> . <i>Extremophiles</i> , 2001, 5, 213-219.	2.3	42
21	A few amino acid substitutions are responsible for the higher thermostability of a novel NAD ⁺ -dependent bacillar alcohol dehydrogenase. <i>FEBS Journal</i> , 1994, 222, 345-352.	0.2	40
22	Characterization of a multifunctional protein disulfide oxidoreductase from <i>Sulfolobus solfataricus</i> . <i>FEBS Journal</i> , 2006, 273, 5407-5420.	4.7	38
23	<i>Thermus thermophilus</i> as source of thermozyms for biotechnological applications: homologous expression and biochemical characterization of an α -galactosidase. <i>Microbial Cell Factories</i> , 2017, 16, 28.	4.0	38
24	Structural and thermal stability analysis of <i>Escherichia coli</i> and <i>Alicyclobacillus acidocaldarius</i> thioredoxin revealed a molten globule-like state in thermal denaturation pathway of the proteins: an infrared spectroscopic study. <i>Biochemical Journal</i> , 2003, 373, 875-883.	3.7	37
25	Sensing and adapting to environmental stress: the archaeal tactic. <i>Frontiers in Bioscience - Landmark</i> , 2004, 9, 2909.	3.0	37
26	A novel <i>E. coli</i> biosensor for detecting aromatic aldehydes based on a responsive inducible archaeal promoter fused to the green fluorescent protein. <i>Applied Microbiology and Biotechnology</i> , 2009, 82, 67-77.	3.6	37
27	Thermoadaptation of a mesophilic hygromycin B phosphotransferase by directed evolution in hyperthermophilic Archaea: selection of a stable genetic marker for DNA transfer into <i>Sulfolobus solfataricus</i> . <i>Extremophiles</i> , 2001, 5, 153-159.	2.3	36
28	Identification and characterization of 1-Cys peroxiredoxin from <i>Sulfolobus solfataricus</i> and its involvement in the response to oxidative stress. <i>FEBS Journal</i> , 2006, 273, 721-731.	4.7	36
29	Seed culture pre-adaptation of <i>Bacillus coagulans</i> MA-13 improves lactic acid production in simultaneous saccharification and fermentation. <i>Biotechnology for Biofuels</i> , 2019, 12, 45.	6.2	36
30	Structure and properties of a thermophilic and thermostable DNA polymerase isolated from <i>Sulfolobus solfataricus</i> . <i>Systematic and Applied Microbiology</i> , 1986, 7, 337-341.	2.8	35
31	Peroxiredoxins as cellular guardians in <i>Sulfolobus solfataricus</i> : characterization of Bcp1, Bcp3 and Bcp4. <i>FEBS Journal</i> , 2008, 275, 2067-2077.	4.7	35
32	Transcriptional Regulation of the Gene Encoding an Alcohol Dehydrogenase in the Archaeon <i>Sulfolobus solfataricus</i> Involves Multiple Factors and Control Elements. <i>Journal of Bacteriology</i> , 2003, 185, 3926-3934.	2.2	33
33	Galactomannan degradation by thermophilic enzymes: a hot topic for biotechnological applications. <i>World Journal of Microbiology and Biotechnology</i> , 2019, 35, 32.	3.6	33
34	Asn249Tyr Substitution at the Coenzyme Binding Domain Activates <i>Sulfolobus solfataricus</i> Alcohol Dehydrogenase and Increases Its Thermal Stability. <i>Biochemistry</i> , 1999, 38, 3043-3054.	2.5	32
35	Development of a genetic system for hyperthermophilic Archaea: expression of a moderate thermophilic bacterial alcohol dehydrogenase gene in <i>Sulfolobus solfataricus</i> . <i>FEMS Microbiology Letters</i> , 2003, 218, 115-120.	1.8	32
36	The Machinery for Oxidative Protein Folding in Thermophiles. <i>Antioxidants and Redox Signaling</i> , 2008, 10, 157-170.	5.4	31

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37	Structural Analysis of BldR from <i>Sulfolobus solfataricus</i> Provides Insights into the Molecular Basis of Transcriptional Activation in Archaea by MarR Family Proteins. <i>Journal of Molecular Biology</i> , 2009, 388, 559-569.	4.2	31
38	Responding to toxic compounds: a genomic and functional overview of Archaea. <i>Frontiers in Bioscience - Landmark</i> , 2013, 18, 165.	3.0	31
39	New virus isolates from Italian hydrothermal environments underscore the biogeographic pattern in archaeal virus communities. <i>ISME Journal</i> , 2020, 14, 1821-1833.	9.8	29
40	A single point mutation (Glu85Arg) increases the stability of the thioredoxin from <i>Escherichia coli</i> . <i>Protein Engineering, Design and Selection</i> , 2001, 14, 255-260.	2.1	28
41	Multiple catalytically active thioredoxin folds: a winning strategy for many functions. <i>Cellular and Molecular Life Sciences</i> , 2010, 67, 3797-3814.	5.4	28
42	Thioredoxin from <i>Bacillus acidocaldarius</i> : characterization, high-level expression in <i>Escherichia coli</i> and molecular modelling. <i>Biochemical Journal</i> , 1997, 328, 277-285.	3.7	27
43	Insights on a New PDI-like Family: Structural and Functional Analysis of a Protein Disulfide Oxidoreductase from the Bacterium <i>Aquifex aeolicus</i> . <i>Journal of Molecular Biology</i> , 2006, 356, 155-164.	4.2	26
44	Characterization of a promiscuous cadmium and arsenic resistance mechanism in <i>Thermus thermophilus</i> HB27 and potential application of a novel bioreporter system. <i>Microbial Cell Factories</i> , 2018, 17, 78.	4.0	26
45	Insights into the catalytic mechanism of the Bcp family: Functional and structural analysis of Bcp1 from <i>Sulfolobus solfataricus</i> . <i>Proteins: Structure, Function and Bioinformatics</i> , 2009, 76, 995-1006.	2.6	25
46	T _{lys} , a Newly Identified <i>Sulfolobus</i> Spindle-Shaped Virus 1 Transcript Expressed in the Lysogenic State, Encodes a DNA-Binding Protein Interacting at the Promoters of the Early Genes. <i>Journal of Virology</i> , 2013, 87, 5926-5936.	3.4	25
47	C68 from the <i>Sulfolobus islandicus</i> plasmid-virus pSSVx is a novel member of the AbrB-like transcription factor family. <i>Biochemical Journal</i> , 2011, 435, 157-166.	3.7	24
48	Structural and functional studies of Stf76 from the <i>Sulfolobus islandicus</i> plasmid-virus pSSVx: a novel peculiar member of the winged helix-turn-helix transcription factor family. <i>Nucleic Acids Research</i> , 2014, 42, 5993-6011.	14.5	24
49	Unravelling the Role of the F55 Regulator in the Transition from Lysogeny to UV Induction of <i>Sulfolobus</i> Spindle-Shaped Virus 1. <i>Journal of Virology</i> , 2015, 89, 6453-6461.	3.4	24
50	Identification and Physicochemical Characterization of BldR2 from <i>Sulfolobus solfataricus</i> , a Novel Archaeal Member of the MarR Transcription Factor Family. <i>Biochemistry</i> , 2011, 50, 6607-6621.	2.5	23
51	Kinetic interaction of 5-AZA-2'-deoxycytidine-5'-monophosphate and its 5'-triphosphate with deoxycytidylate deaminase. <i>Molecular Pharmacology</i> , 1984, 25, 436-40.	2.3	23
52	Decreasing the stability and changing the substrate specificity of the <i>Bacillus stearothermophilus</i> alcohol dehydrogenase by single amino acid replacements. <i>Protein Engineering, Design and Selection</i> , 1998, 11, 925-930.	2.1	22
53	NMR solution structure of a novel thioredoxin from <i>Bacillus acidocaldarius</i> . <i>FEBS Journal</i> , 2000, 267, 403-413.	0.2	22
54	Solution Structure and Backbone Dynamics of the K18G/R82E <i>Alcyclobacillus acidocaldarius</i> Thioredoxin Mutant: A Molecular Analysis of Its Reduced Thermal Stability. <i>Biochemistry</i> , 2004, 43, 6043-6058.	2.5	22

#	ARTICLE	IF	CITATIONS
55	A thermophilic enzymatic cocktail for galactomannans degradation. <i>Enzyme and Microbial Technology</i> , 2018, 111, 7-11.	3.2	22
56	Identification and autonomous replication capability of a chromosomal replication origin from the archaeon <i>Sulfolobus solfataricus</i> . <i>Extremophiles</i> , 2004, 8, 385-391.	2.3	21
57	A Novel Member of the Protein Disulfide Oxidoreductase Family from <i>Aeropyrum pernix</i> K1: Structure, Function and Electrostatics. <i>Journal of Molecular Biology</i> , 2006, 362, 743-752.	4.2	21
58	Transcriptional Analysis of the Genetic Element pSSVx: Differential and Temporal Regulation of Gene Expression Reveals Correlation between Transcription and Replication. <i>Journal of Bacteriology</i> , 2007, 189, 6339-6350.	2.2	21
59	Molecular modeling and functional characterization of the monomeric primase-polymerase domain from the <i>Sulfolobus solfataricus</i> plasmid pIT3. <i>FEBS Journal</i> , 2008, 275, 4389-4402.	4.7	21
60	An ArsR/SmtB family member regulates arsenic resistance genes unusually arranged in <i>Thermus thermophilus</i> HB27. <i>Microbial Biotechnology</i> , 2017, 10, 1690-1701.	4.2	21
61	Five-coordinate platinum(II) complexes containing substituted olefins: synthesis and cytostatic activity. <i>Inorganica Chimica Acta</i> , 1992, 197, 51-57.	2.4	20
62	Exploring the catalytic mechanism of the first dimeric Bcp: Functional, structural and docking analyses of Bcp4 from <i>Sulfolobus solfataricus</i> . <i>Biochimie</i> , 2010, 92, 1435-1444.	2.6	20
63	Isolation of a thermostable enzyme catalyzing disulfide bond formation from the archaeobacterium <i>Sulfolobus solfataricus</i> . <i>FEBS Letters</i> , 1992, 303, 27-30.	2.8	19
64	A thioredoxin from the extreme thermophilic Archaeon <i>Sulfolobus solfataricus</i> . <i>International Journal of Biochemistry & Cell Biology</i> , 1994, 26, 375-380.	0.5	19
65	Biochemical characterization of a thermostable endomannanase/endoglucanase from <i>Dictyoglomus turgidum</i> . <i>Extremophiles</i> , 2018, 22, 131-140.	2.3	19
66	Enzymatic Antioxidant Signatures in Hyperthermophilic Archaea. <i>Antioxidants</i> , 2020, 9, 703.	5.1	19
67	Prediction and experimental testing of <i>Bacillus acidocaldarius</i> thioredoxin stability1. <i>Biochemical Journal</i> , 1999, 339, 309-317.	3.7	18
68	Prebiotic properties of <i>Bacillus coagulans</i> MA-13: production of galactoside hydrolyzing enzymes and characterization of the transglycosylation properties of a GH42 β -galactosidase. <i>Microbial Cell Factories</i> , 2021, 20, 71.	4.0	18
69	A superoxide dismutase from the archaeon <i>Sulfolobus solfataricus</i> is an extracellular enzyme and prevents the deactivation by superoxide of cell-bound proteins. <i>FEBS Journal</i> , 2000, 267, 235-243.	0.2	17
70	<i>Sulfolobus solfataricus</i> protein disulphide oxidoreductase: insight into the roles of its redox sites. <i>Protein Engineering, Design and Selection</i> , 2008, 22, 19-26.	2.1	17
71	Genomic Insight of <i>Alicyclobacillus mali</i> FL18 Isolated From an Arsenic-Rich Hot Spring. <i>Frontiers in Microbiology</i> , 2021, 12, 639697.	3.5	17
72	The alcohol dehydrogenase gene: distribution among Sulfolobales and regulation in <i>Sulfolobus solfataricus</i> . <i>FEMS Microbiology Letters</i> , 1999, 170, 31-39.	1.8	16

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73	Characterization and Functional Complementation of a Nonlethal Deletion in the Chromosome of a β -Glycosidase Mutant of <i>Sulfolobus solfataricus</i> . <i>Journal of Bacteriology</i> , 2003, 185, 3948-3957.	2.2	16
74	Temperature-, SDS-, and pH-Induced Conformational Changes in Protein Disulfide Oxidoreductase from the Archaeon <i>Pyrococcus furiosus</i> : A Dynamic Simulation and Fourier Transform Infrared Spectroscopic Study. <i>Journal of Proteome Research</i> , 2005, 4, 1972-1980.	3.7	16
75	5-Aza-2'-deoxycytidine as inducer of differentiation and growth inhibition in mouse neuroblastoma cells. <i>Cell Differentiation and Development</i> , 1989, 27, 47-55.	0.4	15
76	pIT3, a cryptic plasmid isolated from the hyperthermophilic crenarchaeon <i>Sulfolobus solfataricus</i> IT3. <i>Plasmid</i> , 2006, 56, 35-45.	1.4	15
77	The interaction between the F55 virus-encoded transcription regulator and the RadA host recombinase reveals a common strategy in Archaea and Bacteria to sense the UV-induced damage to the host DNA. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2020, 1863, 194493.	1.9	15
78	Crystallization and Preliminary X-Ray Structure Analysis of a Hyperthermostable Thioltransferase from the Archaeon <i>Pyrococcus furiosus</i> . <i>Journal of Structural Biology</i> , 1997, 119, 1-5.	2.8	14
79	Computational Analysis of the Thermal Stability in Thioredoxins: A Molecular Dynamics Approach. <i>Journal of Biomolecular Structure and Dynamics</i> , 1998, 16, 437-446.	3.5	14
80	A standardized protocol for the UV induction of <i>Sulfolobus</i> spindle-shaped virus 1. <i>Extremophiles</i> , 2015, 19, 539-546.	2.3	14
81	<i>Sulfolobus solfataricus</i> thiol redox puzzle: characterization of an atypical protein disulfide oxidoreductase. <i>Extremophiles</i> , 2014, 18, 219-228.	2.3	13
82	Characterization of redox proteins from extreme thermophilic archaeobacteria: studies on alcohol dehydrogenase and thioredoxins. <i>Biosensors and Bioelectronics</i> , 1995, 10, 135-140.	10.1	12
83	[7] Protein Disulfide oxidoreductase from <i>Pyrococcus furiosus</i> : Biochemical properties. <i>Methods in Enzymology</i> , 2001, 334, 62-73.	1.0	12
84	Effect of cytidine analogs on cell growth and differentiation on a human neuroblastoma line. <i>Cell Biophysics</i> , 1989, 15, 67-77.	0.4	11
85	Conformational stability and ligand binding properties of BldR, a member of the MarR family, from <i>Sulfolobus solfataricus</i> . <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2014, 1844, 1167-1172.	2.3	11
86	Antiproliferative effects and DNA hypomethylation by 5-aza-2'-deoxycytidine in human neuroblastoma cell lines. <i>Anti-Cancer Drugs</i> , 1993, 4, 629-636.	1.4	10
87	Draft Genome Sequence of <i>Bacillus coagulans</i> MA-13, a Thermophilic Lactic Acid Producer from Lignocellulose. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	10
88	Identification of a New Heavy-Metal-Resistant Strain of <i>Geobacillus stearothermophilus</i> Isolated from a Hydrothermally Active Volcanic Area in Southern Italy. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2678.	2.6	10
89	Metal-Tolerant Thermophiles: From the Analysis of Resistance Mechanisms to their Biotechnological Exploitation. <i>The Open Biochemistry Journal</i> , 2018, 12, 149-160.	0.5	10
90	DBF (Disulfide Bond Forming) Enzyme from the Hyperthermophilic Archaeobacterium <i>Sulfolobus Solfataricus</i> Behaves Like a Molecular Chaperone. <i>Biocatalysis</i> , 1994, 11, 181-190.	0.9	9

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91	Prediction and experimental testing of <i>Bacillus acidocaldarius</i> thioredoxin stability1. <i>Biochemical Journal</i> , 1999, 339, 309.	3.7	9
92	High hydrostatic pressure-induced conformational changes in protein disulfide oxidoreductase from the hyperthermophilic archaeon <i>Pyrococcus furiosus</i> . A Fourier-transform infrared spectroscopic study. <i>Molecular BioSystems</i> , 2010, 6, 2015.	2.9	9
93	Oxalacetate decarboxylase and pyruvate carboxylase activities, and effect of sulfhydryl reagents in malic enzyme from <i>Sulfolobus solfataricus</i> . <i>BBA - Proteins and Proteomics</i> , 1988, 957, 301-311.	2.1	8
94	An Integrated Structural and Computational Study of the Thermostability of Two Thioredoxin Mutants from <i>Alicyclobacillus acidocaldarius</i> . <i>Journal of Bacteriology</i> , 2003, 185, 4285-4289.	2.2	8
95	Identification of a GDP-mannose pyrophosphorylase gene from <i>Sulfolobus solfataricus</i> . <i>Gene</i> , 2004, 332, 149-157.	2.2	8
96	Discovering Antioxidant Molecules in the Archaea Domain: Peroxiredoxin Bcp1 from <i>Sulfolobus solfataricus</i> Protects H9c2 Cardiomyoblasts from Oxidative Stress. <i>Archaea</i> , 2016, 2016, 1-10.	2.3	8
97	A Hyperthermoactive-Cas9 Editing Tool Reveals the Role of a Unique Arsenite Methyltransferase in the Arsenic Resistance System of <i>Thermus thermophilus</i> HB27. <i>MBio</i> , 2021, 12, e0281321.	4.1	8
98	High-level expression of <i>Alicyclobacillus acidocaldarius</i> thioredoxin in <i>Pichia pastoris</i> and <i>Bacillus subtilis</i> . <i>Protein Expression and Purification</i> , 2003, 30, 179-184.	1.3	7
99	A physicochemical investigation on the metal binding properties of TtSmtB, a thermophilic member of the ArsR/SmtB transcription factor family. <i>International Journal of Biological Macromolecules</i> , 2019, 138, 1056-1063.	7.5	7
100	Prediction and experimental testing of <i>Bacillus acidocaldarius</i> thioredoxin stability. <i>Biochemical Journal</i> , 1999, 339 (Pt 2), 309-17.	3.7	7
101	Gene expression of a thermostable beta-galactosidase in mammalian cells and its application in assays of eukaryotic promoter activity. <i>Biotechnology and Applied Biochemistry</i> , 1994, 19, 233-44.	3.1	7
102	Crystallization and preliminary X-ray diffraction studies of a protein disulfide oxidoreductase from <i>Aquifex aeolicus</i> . <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2004, 60, 2076-2077.	2.5	6
103	Ultra-rapid glutathionylation of chymotrypsinogen in its molten globule-like conformation: A comparison to archaeal proteins. <i>Scientific Reports</i> , 2020, 10, 8943.	3.3	6
104	5-AZA-2-Deoxycytidine Synergistic action with Thymidine on Leukemic Cells and Interaction of 5-AZA-dCMP with dCMP Deaminase. <i>Advances in Experimental Medicine and Biology</i> , 1986, 195 Pt B, 157-163.	1.6	5
105	The cytostatic activity of a five-coordinate Pt(II) complex: preliminary results. <i>Inorganica Chimica Acta</i> , 1987, 137, 53-55.	2.4	4
106	New derivatives of pyrimidine nucleosides: Synthesis, physicochemical properties and biological activity. <i>Journal of Heterocyclic Chemistry</i> , 1988, 25, 1039-1042.	2.6	4
107	Crystallization and preliminary X-ray diffraction studies of a protein disulfide oxidoreductase from <i>Aeropyrum pernix</i> K1. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2005, 61, 335-336.	0.7	4
108	Functional and structural characterization of protein disulfide oxidoreductase from <i>Thermus thermophilus</i> HB27. <i>Extremophiles</i> , 2014, 18, 723-731.	2.3	4

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109	Synthesis and biological activity of five-coordinate platinum(II) complexes including organotin fragments. <i>Anti-cancer Drug Design</i> , 1995, 10, 43-9.	0.3	4
110	Bioprospecting of Extremophilic Microorganisms to Address Environmental Pollution. <i>Journal of Visualized Experiments</i> , 2021, , .	0.3	3
111	Corrigendum for Pedone E, Limauro D, and Bartolucci S. The Machinery for Oxidative Protein Folding in Thermophiles. <i>Antioxid Redox Signal</i> 10:157â€“169, 2008. <i>Antioxidants and Redox Signaling</i> , 2010, 12, 171-179.	5.4	2
112	A peroxiredoxin of <i>Thermus thermophilus</i> HB27: Biochemical characterization of a new player in the antioxidant defence. <i>International Journal of Biological Macromolecules</i> , 2020, 153, 608-615.	7.5	2
113	Monovalent cations requirement of the fructose 1,6-bisphosphate-activated pyruvate kinase from <i>E. coli</i> . <i>Italian Journal of Biochemistry</i> , 1979, 28, 345-61.	0.3	2
114	The purification, cloning, and high level expression of a glutaredoxin-like protein from the hyperthermophilic archaeon <i>Pyrococcus furiosus</i> .. <i>Journal of Biological Chemistry</i> , 1997, 272, 20961.	3.4	1
115	A Technology Platform For the Sustainable Recovery and Advanced Use of Nanostructured Cellulose from Agri-Food Residues (PANACEA Project). , 2020, 69, .		0