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List of Publications by Year in descending order

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49
papers

1,621
citations

394421

19
h-index

302126

39
g-index

53
all docs

53
docs citations

53
times ranked

2490
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization of TEAD P-Site Binding Fragment Hit into In Vivo Active Lead MSC-4106. Journal of Medicinal Chemistry, 2022, 65, 9206-9229.	6.4	15
2	Production of high-quality SARS-CoV-2 antigens: Impact of bioprocess and storage on glycosylation, biophysical attributes, and ELISA serologic tests performance. Biotechnology and Bioengineering, 2021, 118, 2202-2219.	3.3	27
3	Development of DI1.72, a Novel Anti-DLL1 Antibody with Anti-Tumor Efficacy against Estrogen Receptor-Positive Breast Cancer. Cancers, 2021, 13, 4074.	3.7	6
4	Development of antibodies against the notch ligand Delta-Like-1 by phage display with activity against breast cancer cells. New Biotechnology, 2021, 64, 17-26.	4.4	6
5	NOPCHAP1 is a PAQosome cofactor that helps loading NOP58 on RUVBL1/2 during box C/D snoRNP biogenesis. Nucleic Acids Research, 2021, 49, 1094-1113.	14.5	14
6	Structural and biophysical insights into the mode of covalent binding of rationally designed potent BMX inhibitors. RSC Chemical Biology, 2020, 1, 251-262.	4.1	6
7	Screening Pyridine Derivatives against Human Hydrogen Sulfide-synthesizing Enzymes by Orthogonal Methods. Scientific Reports, 2019, 9, 684.	3.3	11
8	Production and characterization of a novel Delta-like 1 functional unit as a tool for Notch pathway activation and generation of a specific antibody. Protein Expression and Purification, 2018, 146, 8-16.	1.3	2
9	X-ray structure of full-length human RuvB-Like 2 - mechanistic insights into coupling between ATP binding and mechanical action. Scientific Reports, 2018, 8, 13726.	3.3	17
10	The RPAP3-Cterminal domain identifies R2TP-like quaternary chaperones. Nature Communications, 2018, 9, 2093.	12.8	59
11	Insights into the Structures of Superoxide Reductases from the Symbionts <i>Ignicoccus hospitalis</i> and <i>Nanoarchaeum equitans</i> . Biochemistry, 2018, 57, 5271-5281.	2.5	5
12	PRMT5-Dependent Methylation of the TIP60 Coactivator RUVBL1 Is a Key Regulator of Homologous Recombination. Molecular Cell, 2017, 65, 900-916.e7.	9.7	106
13	Anti-apolipoprotein A-I (ApoA-I) antibodies have different target epitopes in different clinical conditions. Atherosclerosis, 2017, 263, e216-e217.	0.8	3
14	A Clinically Relevant Variant of the Human Hydrogen Sulfide-Synthesizing Enzyme Cystathionine-Î ² -Synthase: Increased CO Reactivity as a Novel Molecular Mechanism of Pathogenicity?. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-13.	4.0	15
15	Structure of Escherichia coli Flavodiiron Nitric Oxide Reductase. Journal of Molecular Biology, 2016, 428, 4686-4707.	4.2	30
16	Roles of Escherichia coli ZinT in cobalt, mercury and cadmium resistance and structural insights into the metal binding mechanism. Metallomics, 2016, 8, 327-336.	2.4	20
17	Human carboxylesterase 2: Studies on the role of glycosylation for enzymatic activity. Biochemistry and Biophysics Reports, 2016, 5, 105-110.	1.3	2
18	Superoxide reductase from <i>Giardia intestinalis</i> : structural characterization of the first SOR from a eukaryotic organism shows an iron centre that is highly sensitive to photoreduction. Acta Crystallographica Section D: Biological Crystallography, 2015, 71, 2236-2247.	2.5	6

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19	RuvbL1 and RuvbL2 enhance aggresome formation and disaggregate amyloid fibrils. <i>EMBO Journal</i> , 2015, 34, 2363-2382.	7.8	47
20	The AAA+ proteins Pontin and Reptin enter adult age: from understanding their basic biology to the identification of selective inhibitors. <i>Frontiers in Molecular Biosciences</i> , 2015, 2, 17.	3.5	37
21	A unique glyceryl diglycoside identified in the thermophilic, radiation-resistant bacterium <i>Rubrobacter xylanophilus</i> . <i>Extremophiles</i> , 2015, 19, 373-382.	2.3	1
22	SAD phasing towards structure determination of a thermostable Rieske ferredoxin with a novel stabilizing disulfide bridge. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2013, 69, 555-558.	0.7	4
23	BLD10/CEP135 Is a Microtubule-Associated Protein that Controls the Formation of the Flagellum Central Microtubule Pair. <i>Developmental Cell</i> , 2012, 23, 412-424.	7.0	84
24	Thermofluor-based optimization strategy for the stabilization and crystallization of <i>Campylobacter jejuni</i> desulforubryerythrin. <i>Protein Expression and Purification</i> , 2012, 81, 193-200.	1.3	15
25	RuvBL1 and RuvBL2 and Their Complex Proteins Implicated in Many Cellular Pathways. <i>NATO Science for Peace and Security Series A: Chemistry and Biology</i> , 2012, , 55-63.	0.5	0
26	Structural and functional insights into a dodecameric molecular machine – The RuvBL1/RuvBL2 complex. <i>Journal of Structural Biology</i> , 2011, 176, 279-291.	2.8	98
27	Superoxide reductase from <i>Nanoarchaeum equitans</i> : expression, purification, crystallization and preliminary X-ray crystallographic analysis. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2011, 67, 591-595.	0.7	3
28	Structural insights into a dodecameric machine – the RuvBL1/RuvBL2 complex. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2011, 67, C267-C267.	0.3	0
29	Purification, crystallization and X-ray crystallographic analysis of <i>Archaeoglobus fulgidus</i> neelaredoxin. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2010, 66, 316-319.	0.7	2
30	Cloning, purification, crystallization and X-ray crystallographic analysis of <i>Ignicoccus hospitalis</i> neelaredoxin. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2010, 66, 605-607.	0.7	7
31	The cytochrome ba complex from the thermoacidophilic crenarchaeote <i>Acidianus ambivalens</i> is an analog of bc1 complexes. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2009, 1787, 37-45.	1.0	24
32	Structural and Functional Insights into Sulfide:Quinone Oxidoreductase. <i>Biochemistry</i> , 2009, 48, 5613-5622.	2.5	118
33	Structure of wild-type Plk-1 kinase domain in complex with a selective DARPIn. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2008, 64, 339-353.	2.5	34
34	Cloning, expression, purification, crystallization and preliminary X-ray analysis of the human RuvBL1–RuvBL2 complex. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2008, 64, 840-846.	0.7	8
35	Structure of wild type Plk1 kinase domain in complex with a selective DARPIn. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2008, 64, C272-C272.	0.3	0
36	Crystallisation and preliminary structure determination of a NADH: quinone oxidoreductase from the extremophile <i>Acidianus ambivalens</i> . <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2006, 1764, 842-845.	2.3	10

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37	Structure of NADH: quinone oxidoreductase from <i>Acidianus ambivalens</i> : electron entry point of aerobic respiratory chain. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2005, 61, c226-c226.	0.3	0
38	Structure and coordination of CuB in the <i>Acidianus ambivalens</i> aa3 quinol oxidase hemea ³ copper center. <i>Journal of Biological Inorganic Chemistry</i> , 2005, 10, 625-635.	2.6	6
39	Midpoint Potentials of Hemesaanda ³ in the Quinol Oxidase from <i>Acidianus ambivalens</i> are Inverted. <i>Journal of the American Chemical Society</i> , 2005, 127, 13561-13566.	13.7	38
40	A Rieske ferredoxin typifying a subtype within Rieske proteins: spectroscopic, biochemical and stability studies. <i>FEBS Letters</i> , 2005, 579, 1020-1026.	2.8	7
41	Dissimilatory Oxidation and Reduction of Elemental Sulfur in Thermophilic Archaea. <i>Journal of Bioenergetics and Biomembranes</i> , 2004, 36, 77-91.	2.3	152
42	Respiratory Chains from Aerobic Thermophilic Prokaryotes. <i>Journal of Bioenergetics and Biomembranes</i> , 2004, 36, 93-105.	2.3	35
43	The sulphur oxygenase reductase from <i>Acidianus ambivalens</i> is a multimeric protein containing a low-potential mononuclear non-haem iron centre. <i>Biochemical Journal</i> , 2004, 381, 137-146.	3.7	57
44	Active site structure of the aa3 quinol oxidase of <i>Acidianus ambivalens</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2004, 1655, 306-320.	1.0	17
45	New Insights into Type II NAD(P)H:Quinone Oxidoreductases. <i>Microbiology and Molecular Biology Reviews</i> , 2004, 68, 603-616.	6.6	224
46	Coupling of the pathway of sulphur oxidation to dioxygen reduction: characterization of a novel membrane-bound thiosulphate:quinone oxidoreductase. <i>Molecular Microbiology</i> , 2004, 53, 1147-1160.	2.5	160
47	The respiratory chain of the thermophilic archaeon <i>Sulfolobus metallicus</i> : studies on the type-II NADH dehydrogenase. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2003, 1557, 13-19.	1.0	20
48	<i>Acidianus ambivalens</i> type-II NADH dehydrogenase: genetic characterisation and identification of the flavin moiety as FMN. <i>FEBS Letters</i> , 2002, 531, 273-277.	2.8	27
49	A new type-II NADH dehydrogenase from the archaeon <i>Acidianus ambivalens</i> : characterization and in vitro reconstitution of the respiratory chain. <i>Journal of Bioenergetics and Biomembranes</i> , 2001, 33, 1-8.	2.3	32