

Dilek Turgut BalÄ±k

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

520
citations

840776

11
h-index

677142

22
g-index

33
all docs

33
docs citations

33
times ranked

696
citing authors

#	ARTICLE	IF	CITATIONS
1	The structure of lactate dehydrogenase from <i>Plasmodium falciparum</i> reveals a new target for anti-malarial design. <i>Nature Structural Biology</i> , 1996, 3, 912-915.	9.7	134
2	An updated analysis of variations in SARS-CoV-2 genome. <i>Turkish Journal of Biology</i> , 2020, 44, 157-167.	0.8	55
3	Structure of Lactate Dehydrogenase from <i>Plasmodium vivax</i> : Complexes with NADH and APADH. <i>Biochemistry</i> , 2005, 44, 16221-16228.	2.5	47
4	A survey study on some neurological symptoms and sensations experienced by long term users of mobile phones. <i>Pathologie Et Biologie</i> , 2005, 53, 30-34.	2.2	36
5	Evaluation of the potency of FDA-approved drugs on wild type and mutant SARS-CoV-2 helicase (Nsp13). <i>International Journal of Biological Macromolecules</i> , 2020, 163, 1687-1696.	7.5	32
6	Cloning, sequence and expression of the lactate dehydrogenase gene from the human malaria parasite, <i>Plasmodium vivax</i> . <i>Biotechnology Letters</i> , 2004, 26, 1051-1055.	2.2	26
7	An insight into the epitope-based peptide vaccine design strategy and studies against COVID-19. <i>Turkish Journal of Biology</i> , 2020, 44, 215-227.	0.8	24
8	Targeting SARS-CoV-2 Nsp12/Nsp8 interaction interface with approved and investigational drugs: an <i>in silico</i> structure-based approach. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 918-930.	3.5	23
9	Some ocular symptoms and sensations experienced by long term users of mobile phones. <i>Pathologie Et Biologie</i> , 2005, 53, 88-91.	2.2	20
10	Title is missing!. <i>Biotechnology Letters</i> , 2001, 23, 917-921.	2.2	16
11	Cloning of Intron-Removed Enolase Gene and Expression, Purification, Kinetic Characterization of the Enzyme from <i>Theileria annulata</i> . <i>Molecular Biotechnology</i> , 2014, 56, 689-696.	2.4	15
12	Ghrelin in plants: What is the function of an appetite hormone in plants?. <i>Peptides</i> , 2006, 27, 1597-1602.	2.4	12
13	Mutagenic exploration of the active site of lactate dehydrogenase from <i>Plasmodium falciparum</i> . <i>Biotechnology Letters</i> , 2001, 23, 923-927.	2.2	9
14	Comprehensive structural analysis of the open and closed conformations of <i>Theileria annulata</i> enolase by molecular modelling and docking. <i>Computational Biology and Chemistry</i> , 2016, 64, 134-144.	2.3	7
15	Electrophoretic Analysis of Total Protein Profiles of Some <i>Lathyrus L.</i> (Sect. <i>Cicerula</i>) Grown in Turkey. <i>Pakistan Journal of Biological Sciences</i> , 2007, 10, 2890-2894.	0.5	7
16	Analysis of active site loop amino acids of lactate dehydrogenase from <i>Plasmodium vivax</i> by site-directed mutagenesis studies. <i>Drug Development Research</i> , 2006, 67, 175-180.	2.9	6
17	Biochemical and <i>in silico</i> Characterization of Recombinant L-Lactate Dehydrogenase of <i>Theileria annulata</i> . <i>Molecular Biotechnology</i> , 2016, 58, 256-267.	2.4	6
18	A study of <i>Bos taurus</i> muscle specific enolase; biochemical characterization, homology modelling and investigation of molecular interaction using molecular docking and dynamics simulations. <i>International Journal of Biological Macromolecules</i> , 2018, 120, 2346-2353.	7.5	6

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19	Overcoming cloning problems by staining agarose gels with crystal violet instead of ethidium bromide in lactate dehydrogenase gene from <i>Plasmodium vivax</i> and <i>Plasmodium falciparum</i> . <i>Acta Biologica Hungarica</i> , 2005, 56, 389-397.	0.7	4
20	In vitro inhibition studies of coumarin derivatives on <i>Bos taurus</i> enolase and elucidating their interaction by molecular docking, molecular dynamics simulations and MMGB(PB)SA binding energy calculation. <i>Bioorganic Chemistry</i> , 2021, 110, 104796.	4.1	4
21	The Use of Seed Proteins Revealed by SDS-PAGE in Taxonomy of Some <i>Lathyrus L.</i> Species Grown in Turkey. <i>Pakistan Journal of Biological Sciences</i> , 2006, 9, 2358-2361.	0.5	4
22	Isolation, Cloning and Sequence Analysis of Enolase Enzyme Encoding Gene from <i>Theileria annulata</i> for Assessment of Important Residues of This Enzyme. <i>Kafkas Universitesi Veteriner Fakultesi Dergisi</i> , 2014, , .	0.1	3
23	Cloning, expression and characterization of the gene encoding the enolase from <i>Fusobacterium nucleatum</i> . <i>Applied Biochemistry and Microbiology</i> , 2016, 52, 23-30.	0.9	3
24	Functional analyses of dipeptide and pentapeptide insertions on <i>Theileria annulata</i> enolase by site-directed mutagenesis and in silico approaches. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2019, 1867, 732-739.	2.3	3
25	Inhibitory effects of arylcoumarin derivatives on <i>Bacteroides fragilis</i> lactate dehydrogenase. <i>International Journal of Biological Macromolecules</i> , 2019, 127, 197-203.	7.5	3
26	Hit identification against peptidyl-prolyl isomerase of <i>Theileria annulata</i> by combined virtual high-throughput screening and molecular dynamics simulation approach. <i>Computational Biology and Chemistry</i> , 2020, 89, 107398.	2.3	3
27	Bronchopulmonary dysplasia and wnt pathway-associated single nucleotide polymorphisms. <i>Pediatric Research</i> , 2022, 92, 888-898.	2.3	3
28	Single Mutation in Shine-Dalgarno-Like Sequence Present in the Amino Terminal of Lactate Dehydrogenase of <i>Plasmodium</i> Effects the Production of an Eukaryotic Protein Expressed in a Prokaryotic System. <i>Molecular Biotechnology</i> , 2013, 54, 602-608.	2.4	2
29	Discovery and evaluation of inhibitory activity and mechanism of arylcoumarin derivatives on <i>Theileria annulata</i> enolase by in vitro and molecular docking studies. <i>Molecular Diversity</i> , 2020, 24, 1149-1164.	3.9	2
30	Kinetic Analysis of the Amino Terminal End of Active Site Loop of Lactate Deyhydrogenase from <i>Plasmodium Vivax</i> . <i>Balkan Medical Journal</i> , 2012, 29, 364-369.	0.8	2
31	Genomic chronicle of SARS-CoV-2: a mutational analysis with over 1 million genome sequences. <i>Turkish Journal of Biology</i> , 2021, 45, 425-435.	0.8	1
32	Heterologous expression, biochemical characterisation and computational analysis of <i>Bacteroides fragilis</i> enolase. <i>Computational Biology and Chemistry</i> , 2022, 98, 107658.	2.3	0