Dilek Turgut BalÄ±k

List of Publications by Year
in descending order

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32	520	840776	677142
papers	citations	11 h-index	22 g-index

33	33	33	696
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Targeting SARS-CoV-2 Nsp12/Nsp8 interaction interface with approved and investigational drugs: an in silico structure-based approach. Journal of Biomolecular Structure and Dynamics, 2022, 40, 918-930.	3.5	23
2	Bronchopulmonary dysplasia and wnt pathway-associated single nucleotide polymorphisms. Pediatric Research, 2022, 92, 888-898.	2.3	3
3	Heterologous expression, biochemical characterisation and computational analysis of Bacteroides fragilis enolase. Computational Biology and Chemistry, 2022, 98, 107658.	2.3	0
4	In vitro inhibition studies of coumarin derivatives on Bos taurus enolase and elucidating their interaction by molecular docking, molecular dynamics simulations and MMGB(PB)SA binding energy calculation. Bioorganic Chemistry, 2021, 110, 104796.	4.1	4
5	Genomic chronicle of SARS-CoV-2: a mutational analysis with over 1 million genome sequences. Turkish Journal of Biology, 2021, 45, 425-435.	0.8	1
6	Discovery and evaluation of inhibitory activity and mechanism of arylcoumarin derivatives on Theileria annulata enolase by in vitro and molecular docking studies. Molecular Diversity, 2020, 24, 1149-1164.	3.9	2
7	Evaluation of the potency of FDA-approved drugs on wild type and mutant SARS-CoV-2 helicase (Nsp13). International Journal of Biological Macromolecules, 2020, 163, 1687-1696.	7.5	32
8	Hit identification against peptidyl-prolyl isomerase of Theileria annulata by combined virtual high-throughput screening and molecular dynamics simulation approach. Computational Biology and Chemistry, 2020, 89, 107398.	2.3	3
9	An insight into the epitope-based peptide vaccine design strategy and studies against COVID-19. Turkish Journal of Biology, 2020, 44, 215-227.	0.8	24
10	An updated analysis of variations in SARS-CoV-2 genome. Turkish Journal of Biology, 2020, 44, 157-167.	0.8	55
11	Functional analyses of dipeptide and pentapeptide insertions on Theileria annulata enolase by site-directed mutagenesis and in silico approaches. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2019, 1867, 732-739.	2.3	3
12	Inhibitory effects of arylcoumarin derivatives on Bacteroides fragilis dâ€'lactate dehydrogenase. International Journal of Biological Macromolecules, 2019, 127, 197-203.	7.5	3
13	A study of Bos taurus muscle specific enolase; biochemical characterization, homology modelling and investigation of molecular interaction using molecular docking and dynamics simulations. International Journal of Biological Macromolecules, 2018, 120, 2346-2353.	7.5	6
14	Comprehensive structural analysis of the open and closed conformations of Theileria annulata enolase by molecular modelling and docking. Computational Biology and Chemistry, 2016, 64, 134-144.	2.3	7
15	Cloning, expression and characterization of the gene encoding the enolase from Fusobacterium nucleatum. Applied Biochemistry and Microbiology, 2016, 52, 23-30.	0.9	3
16	Biochemical and in silico Characterization of Recombinant L-Lactate Dehydrogenase of Theileria annulata. Molecular Biotechnology, 2016, 58, 256-267.	2.4	6
17	Isolation, Cloning and Sequence Analysis of Enolase Enzyme Encoding Gene from Theileria annulata for Assessment of Important Residues of This Enzyme. Kafkas Universitesi Veteriner Fakultesi Dergisi, 2014, , .	0.1	3
18	Cloning of Intron-Removed Enolase Gene and Expression, Purification, Kinetic Characterization of the Enzyme from Theileria annulata. Molecular Biotechnology, 2014, 56, 689-696.	2.4	15

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19	Single Mutation in Shine-Dalgarno-Like Sequence Present in the Amino Terminal of Lactate Dehydrogenase of Plasmodium Effects the Production of an Eukaryotic Protein Expressed in a Prokaryotic System. Molecular Biotechnology, 2013, 54, 602-608.	2.4	2
20	Kinetic Analysis of the Amino Terminal End of Active Site Loop of Lactate Deyhdrogenase from Plasmodium Vivax. Balkan Medical Journal, 2012, 29, 364-369.	0.8	2
21	Electrophoretic Analysis of Total Protein Profiles of Some Lathyrus L. (Sect. Cicercula) Grown in Turkey. Pakistan Journal of Biological Sciences, 2007, 10, 2890-2894.	0.5	7
22	Ghrelin in plants: What is the function of an appetite hormone in plants?. Peptides, 2006, 27, 1597-1602.	2.4	12
23	Analysis of active site loop amino acids of lactate dehydrogenase fromPlasmodium vivaxby site-directed mutagenesis studies. Drug Development Research, 2006, 67, 175-180.	2.9	6
24	The Use of Seed Proteins Revealed by SDS-PAGE in Taxonomy of Some Lathyrus L. Species Grown in Turkey. Pakistan Journal of Biological Sciences, 2006, 9, 2358-2361.	0.5	4
25	Overcoming cloning problems by staining agarose gels with crystal violet instead of ethidium bromide in lactate dehydrogenase gene fromPlasmodium vivaxandPlasmodium falciparum. Acta Biologica Hungarica, 2005, 56, 389-397.	0.7	4
26	A survey study on some neurological symptoms and sensations experienced by long term users of mobile phones. Pathologie Et Biologie, 2005, 53, 30-34.	2.2	36
27	Some ocular symptoms and sensations experienced by long term users of mobile phones. Pathologie Et Biologie, 2005, 53, 88-91.	2.2	20
28	Structure of Lactate Dehydrogenase fromPlasmodium vivax:Â Complexes with NADH and APADHâ€. Biochemistry, 2005, 44, 16221-16228.	2.5	47
29	Cloning, sequence and expression of the lactate dehydrogenase gene from the human malaria parasite, Plasmodium vivax. Biotechnology Letters, 2004, 26, 1051-1055.	2.2	26
30	Mutagenic exploration of the active site of lactate dehydrogenase from Plasmodium falciparum. Biotechnology Letters, 2001, 23, 923-927.	2.2	9
31	Title is missing!. Biotechnology Letters, 2001, 23, 917-921.	2.2	16
32	The structure of lactate dehydrogenase from Plasmodium falciparum reveals a new target for anti-malarial design. Nature Structural Biology, 1996, 3, 912-915.	9.7	134