

Jes s Oria-Hern ndez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1027619/publications.pdf>

Version: 2024-02-01

30
papers

527
citations

623734

14
h-index

642732

23
g-index

30
all docs

30
docs citations

30
times ranked

873
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Design, synthesis, kinetic, molecular dynamics, and hypoglycemic effect characterization of new and potential selective benzimidazole derivatives as Protein Tyrosine Phosphatase 1B inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 48, 116418. | 3.0 | 3 |
| 2 | Kinetic stability of the water-forming NADH oxidase from <i>Giardia lamblia</i> : implications for biotechnological processes. <i>Biotechnology and Biotechnological Equipment</i> , 2021, 35, 1401-1408. | 1.3 | 0 |
| 3 | Benzimidazole Derivatives as New and Selective Inhibitors of Arginase from <i>Leishmania mexicana</i> with Biological Activity against Promastigotes and Amastigotes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13613. | 4.1 | 2 |
| 4 | Structure-based identification of a potential non-catalytic binding site for rational drug design in the fructose 1,6-biphosphate aldolase from <i>Giardia lamblia</i> . <i>Scientific Reports</i> , 2019, 9, 11779. | 3.3 | 2 |
| 5 | Biochemical, Kinetic, and Computational Structural Characterization of Shikimate Kinase from Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Molecular Biotechnology</i> , 2019, 61, 274-285. | 2.4 | 5 |
| 6 | Novel giardicidal compounds bearing proton pump inhibitor scaffold proceeding through triosephosphate isomerase inactivation. <i>Scientific Reports</i> , 2017, 7, 7810. | 3.3 | 20 |
| 7 | Proteomics: a tool to develop novel diagnostic methods and unravel molecular mechanisms of pediatric diseases. <i>Boletín Médico Del Hospital Infantil De México</i> , 2017, 74, 233-240. | 0.3 | 1 |
| 8 | Disulfiram as a novel inactivator of <i>Giardia lamblia</i> triosephosphate isomerase with anti-giardial potential. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2017, 7, 425-432. | 3.4 | 28 |
| 9 | Biochemical Analysis of Two Single Mutants that Give Rise to a Polymorphic G6PD A-Double Mutant. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2244. | 4.1 | 16 |
| 10 | Species-Specific Inactivation of Triosephosphate Isomerase from <i>Trypanosoma brucei</i> : Kinetic and Molecular Dynamics Studies. <i>Molecules</i> , 2017, 22, 2055. | 3.8 | 14 |
| 11 | RNAi-Mediated Specific Gene Silencing as a Tool for the Discovery of New Drug Targets in <i>Giardia lamblia</i> ; Evaluation Using the NADH Oxidase Gene. <i>Genes</i> , 2017, 8, 303. | 2.4 | 10 |
| 12 | Allosteric Interactions by p53 mRNA Govern HDM2 E3 Ubiquitin Ligase Specificity under Different Conditions. <i>Molecular and Cellular Biology</i> , 2016, 36, 2195-2205. | 2.3 | 20 |
| 13 | Cloning, Expression and Characterization of Recombinant, NADH Oxidase from <i>Giardia lamblia</i> . <i>Protein Journal</i> , 2016, 35, 24-33. | 1.6 | 11 |
| 14 | Synthesis of nitro(benzo)thiazole acetamides and in vitro antiprotozoal effect against amitochondriate parasites <i>Giardia intestinalis</i> and <i>Trichomonas vaginalis</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 2204-2210. | 3.0 | 27 |
| 15 | Structural Effects of Protein Aging: Terminal Marking by Deamidation in Human Triosephosphate Isomerase. <i>PLoS ONE</i> , 2015, 10, e0123379. | 2.5 | 18 |
| 16 | The Role of Epigenetics in the Progression of Non-Alcoholic Fatty Liver Disease. <i>Mini-Reviews in Medicinal Chemistry</i> , 2015, 15, 1187-1194. | 2.4 | 10 |
| 17 | The nuclear receptor FXR, but not LXR, up-regulates bile acid transporter expression in non-alcoholic fatty liver disease. <i>Annals of Hepatology</i> , 2015, 14, 487-93. | 1.5 | 31 |
| 18 | The Stability of G6PD Is Affected by Mutations with Different Clinical Phenotypes. <i>International Journal of Molecular Sciences</i> , 2014, 15, 21179-21201. | 4.1 | 57 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Giardial Triosephosphate Isomerase as Possible Target of the Cytotoxic Effect of Omeprazole in Giardia lamblia. Antimicrobial Agents and Chemotherapy, 2014, 58, 7072-7082. | 3.2 | 34 |
| 20 | Cloning, Expression, Purification and Characterization of His-Tagged Human Glucose-6-Phosphate Dehydrogenase: A Simplified Method for Protein Yield. Protein Journal, 2013, 32, 585-592. | 1.6 | 24 |
| 21 | The E104D mutation increases the susceptibility of human triosephosphate isomerase to proteolysis. Asymmetric cleavage of the two monomers of the homodimeric enzyme. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2013, 1834, 2702-2711. | 2.3 | 13 |
| 22 | Structural and Functional Perturbation of Giardia lamblia Triosephosphate Isomerase by Modification of a Non-Catalytic, Non-Conserved Region. PLoS ONE, 2013, 8, e69031. | 2.5 | 20 |
| 23 | The active (ADHa) and inactive (ADHi) forms of the PQQ-alcohol dehydrogenase from Gluconacetobacter diazotrophicus differ in their respective oligomeric structures and redox state of their corresponding prosthetic groups. FEMS Microbiology Letters, 2012, 328, 106-113. | 1.8 | 11 |
| 24 | Determining the molecular mechanism of inactivation by chemical modification of triosephosphate isomerase from the human parasite <i>Giardia lamblia</i> : A study for antiparasitic drug design. Proteins: Structure, Function and Bioinformatics, 2011, 79, 2711-2724. | 2.6 | 41 |
| 25 | Kinetics of the thermal inactivation and aggregate formation of rabbit muscle pyruvate kinase in the presence of trehalose. Archives of Biochemistry and Biophysics, 2009, 490, 129-136. | 3.0 | 11 |
| 26 | Dichotomic Phylogenetic Tree of the Pyruvate Kinase Family. Journal of Biological Chemistry, 2006, 281, 30717-30724. | 3.4 | 29 |
| 27 | Pyruvate Kinase Revisited. Journal of Biological Chemistry, 2005, 280, 37924-37929. | 3.4 | 52 |
| 28 | Selectivity of pyruvate kinase for Na ⁺ and K ⁺ in water/dimethylsulfoxide mixtures. FEBS Journal, 2003, 270, 2377-2385. | 0.2 | 10 |
| 29 | The Contribution of Water to the Selectivity of Pyruvate Kinase for Na ⁺ and K ⁺ . FEBS Journal, 1997, 250, 583-589. | 0.2 | 7 |
| 30 | Proteins in Water—Cosolvent Binary Systems: Function and Structure. , 0, , 6310-6324. | | 0 |