

Beatriz Hernández-Ochoa

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

370
citations

933447

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h-index

839539

18
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24
all docs

24
docs citations

24
times ranked

518
citing authors

#	ARTICLE	IF	CITATIONS
1	Glucose-6-Phosphate Dehydrogenase: Update and Analysis of New Mutations around the World. <i>International Journal of Molecular Sciences</i> , 2016, 17, 2069.	4.1	155
2	Functional and Biochemical Characterization of Three Recombinant Human Glucose-6-Phosphate Dehydrogenase Mutants: Zacatecas, Vanua-Lava and Viangchan. <i>International Journal of Molecular Sciences</i> , 2016, 17, 787.	4.1	22
3	Use of Antioxidants for the Neuro-Therapeutic Management of COVID-19. <i>Antioxidants</i> , 2021, 10, 971.	5.1	21
4	Effects of High Dietary Carbohydrate and Lipid Intake on the Lifespan of <i>C. elegans</i> . <i>Cells</i> , 2021, 10, 2359.	4.1	20
5	Functional and Biochemical Analysis of Glucose-6-Phosphate Dehydrogenase (G6PD) Variants: Elucidating the Molecular Basis of G6PD Deficiency. <i>Catalysts</i> , 2017, 7, 135.	3.5	19
6	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
7	Cloning and biochemical characterization of three glucose-6-phosphate dehydrogenase mutants presents in the Mexican population. <i>International Journal of Biological Macromolecules</i> , 2018, 119, 926-936.	7.5	13
8	Impact of Heat-Killed <i>Lactobacillus casei</i> Strain IMAU60214 on the Immune Function of Macrophages in Malnourished Children. <i>Nutrients</i> , 2020, 12, 2303.	4.1	13
9	Effects of Single and Double Mutants in Human Glucose-6-Phosphate Dehydrogenase Variants Present in the Mexican Population: Biochemical and Structural Analysis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2732.	4.1	12
10	Biochemical Characterization and Structural Modeling of Fused Glucose-6-Phosphate Dehydrogenase-Phosphogluconolactonase from <i>Giardia lamblia</i> . <i>International Journal of Molecular Sciences</i> , 2018, 19, 2518.	4.1	11
11	Enhanced Antigiardial Effect of Omeprazole Analog Benzimidazole Compounds. <i>Molecules</i> , 2020, 25, 3979.	3.8	9
12	Cloning, purification, and characterization of the 6-phosphogluconate dehydrogenase (6 PGDH) from <i>Giardia lamblia</i> . <i>Molecular and Biochemical Parasitology</i> , 2021, 244, 111383.	1.1	7
13	Identification of the NADP+ Structural Binding Site and Coenzyme Effect on the Fused G6PD::6PGL Protein from <i>Giardia lamblia</i> . <i>Biomolecules</i> , 2020, 10, 46.	4.0	6
14	Characterizing the Fused TvG6PD::6PGL Protein from the Protozoan <i>Trichomonas vaginalis</i> , and Effects of the NADP+ Molecule on Enzyme Stability. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4831.	4.1	6
15	Novel inhibitors of human glucose-6-phosphate dehydrogenase (HsG6PD) affect the activity and stability of the protein. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2021, 1865, 129828.	2.4	6
16	Gene Cloning, Recombinant Expression, Characterization, and Molecular Modeling of the Glycolytic Enzyme Triosephosphate Isomerase from <i>Fusarium oxysporum</i> . <i>Microorganisms</i> , 2020, 8, 40.	3.6	5
17	Glucose-6-Phosphate Dehydrogenase::6-Phosphogluconolactonase from the Parasite <i>Giardia lamblia</i> . A Molecular and Biochemical Perspective of a Fused Enzyme. <i>Microorganisms</i> , 2021, 9, 1678.	3.6	5
18	Identification and In Silico Characterization of Novel <i>Helicobacter pylori</i> Glucose-6-Phosphate Dehydrogenase Inhibitors. <i>Molecules</i> , 2021, 26, 4955.	3.8	5

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19	Kinetic and Molecular Docking Studies to Determine the Effect of Inhibitors on the Activity and Structure of Fused G6PD::6PGL Protein from <i>Trichomonas vaginalis</i> . <i>Molecules</i> , 2022, 27, 1174.	3.8	5
20	Molecular Cloning and Exploration of the Biochemical and Functional Analysis of Recombinant Glucose-6-Phosphate Dehydrogenase from <i>Gluconoacetobacter diazotrophicus</i> PAL5. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5279.	4.1	4
21	Vitamin D and its Possible Relationship to Neuroprotection in COVID-19: Evidence in the Literature. <i>Current Topics in Medicinal Chemistry</i> , 2022, 22, 1346-1368.	2.1	4
22	COVID-19 in G6PD-deficient patients, oxidative stress, and neuropathology. <i>Current Topics in Medicinal Chemistry</i> , 2022, 22, .	2.1	3
23	Biochemical and Kinetic Characterization of the Glucose-6-Phosphate Dehydrogenase from <i>Helicobacter pylori</i> Strain 29CaP. <i>Microorganisms</i> , 2022, 10, 1359.	3.6	2
24	Validation and Selection of New Reference Genes for RT-qPCR Analysis in Pediatric Glioma of Different Grades. <i>Genes</i> , 2021, 12, 1335.	2.4	1