

Abel Baerga-Ortiz

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

206
citations

1163117

8
h-index

1058476

14
g-index

31
all docs

31
docs citations

31
times ranked

369
citing authors

#	ARTICLE	IF	CITATIONS
1	Glutathione Reductase-null Malaria Parasites Have Normal Blood Stage Growth but Arrest during Development in the Mosquito. <i>Journal of Biological Chemistry</i> , 2010, 285, 27045-27056.	3.4	52
2	Solution Structure of the Tandem Acyl Carrier Protein Domains from a Polyunsaturated Fatty Acid Synthase Reveals Beads-on-a-String Configuration. <i>PLoS ONE</i> , 2013, 8, e57859.	2.5	22
3	Direct Detection and Quantification of Bacterial Genes Associated with Inflammation in DNA Isolated from Stool. <i>Advances in Microbiology</i> , 2014, 04, 1065-1075.	0.6	19
4	Real-time detection of telomerase activity in cancer cells using a label-free electrochemical impedimetric biosensing microchip. <i>RSC Advances</i> , 2014, 4, 52357-52365.	3.6	17
5	Structure, Activity, and Substrate Selectivity of the Orf6 Thioesterase from <i>Photobacterium profundum</i> . <i>Journal of Biological Chemistry</i> , 2013, 288, 10841-10848.	3.4	15
6	The Presence of Genotoxic and/or Pro-inflammatory Bacterial Genes in Gut Metagenomic Databases and Their Possible Link With Inflammatory Bowel Diseases. <i>Frontiers in Genetics</i> , 2018, 9, 116.	2.3	14
7	Expression of dehydratase domains from a polyunsaturated fatty acid synthase increases the production of fatty acids in <i>Escherichia coli</i> . <i>Enzyme and Microbial Technology</i> , 2014, 55, 133-139.	3.2	12
8	Identification of novel protein domains required for the expression of an active dehydratase fragment from a polyunsaturated fatty acid synthase. <i>Protein Science</i> , 2013, 22, 954-963.	7.6	11
9	Fused dimerization increases expression, solubility, and activity of bacterial dehydratase enzymes. <i>Protein Science</i> , 2018, 27, 969-975.	7.6	8
10	A recombinant gp145 Env glycoprotein from HIV-1 expressed in two different cell lines: Effects on glycosylation and antigenicity. <i>PLoS ONE</i> , 2020, 15, e0231679.	2.5	7
11	Structure-Based Screening of <i>Plasmodium berghei</i> Glutathione S-Transferase Identifies CB-27 as a Novel Antiplasmodial Compound. <i>Frontiers in Pharmacology</i> , 2020, 11, 246.	3.5	7
12	Soy and Frequent Dairy Consumption with Subsequent Equol Production Reveals Decreased Gut Health in a Cohort of Healthy Puerto Rican Women. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 8254.	2.6	7
13	Biotechnology and biochemistry of marine natural products. <i>Puerto Rico Health Sciences Journal</i> , 2009, 28, 251-7.	0.2	4
14	The Presence of Gut Microbial Genes Encoding Bacterial Genotoxins or Pro-Inflammatory Factors in Stool Samples from Individuals with Colorectal Neoplasia. <i>Diseases (Basel, Switzerland)</i> , 2019, 7, 16.	2.5	3
15	PCR-assisted impedimetric biosensor for colibactin-encoding pks genomic island detection in <i>E. coli</i> samples. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 4673-4680.	3.7	3
16	Artificial covalent linkage of bacterial acyl carrier proteins for fatty acid production. <i>Scientific Reports</i> , 2019, 9, 16011.	3.3	2
17	A reversed phase HPLC method for the quantification of HIV gp145 glycoprotein levels from cell culture supernatants. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1167, 122562.	2.3	2
18	Hotspots of Sequence Variability in Gut Microbial Genes Encoding Pro-Inflammatory Factors Revealed by Oligotyping. <i>Frontiers in Genetics</i> , 2019, 10, 631.	2.3	0

#	ARTICLE	IF	CITATIONS
19	Protein-protein Interactions and Acyl Carrier Protein Recognition in the Biosynthesis of Omega-3 Fatty Acids by a Polyketide Synthase. FASEB Journal, 2010, 24, lb220.	0.5	0
20	Expression of a Tetradomain Fragment from a Polyunsaturated Fatty Acid Synthase with Dehydratase Activity. FASEB Journal, 2012, 26, 756.19.	0.5	0
21	Biophysical Characterization of Acyl Carrier Protein Domains from a Polyunsaturated Fatty Acid Synthase. FASEB Journal, 2012, 26, 552.2.	0.5	0
22	Biological Activity of Outer Membrane Vesicles from Clinical Isolates of Escherichia coli. FASEB Journal, 2016, 30, 1103.7.	0.5	0
23	PfaR Purification Strategy and Structure Analysis. FASEB Journal, 2018, 32, lb52.	0.5	0
24	Physicochemical Analysis of Outer Membrane Vesicles Isolated from Escherichia coli Harboring the Pks G genes. FASEB Journal, 2018, 32, lb181.	0.5	0
25	Title is missing!. , 2020, 15, e0231679.		0
26	Title is missing!. , 2020, 15, e0231679.		0
27	Title is missing!. , 2020, 15, e0231679.		0
28	Title is missing!. , 2020, 15, e0231679.		0
29	Title is missing!. , 2020, 15, e0231679.		0
30	Title is missing!. , 2020, 15, e0231679.		0