

# Abel Baerga-Ortiz

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2148983/publications.pdf>

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  | 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         |
| 2  | 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         |
| 3  | 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         |
| 4  | 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         |
| 5  | 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         |
| 6  | Title is missing!. , 2020, 15, e0231679.   |     | 0         |
| 7  | Title is missing!. , 2020, 15, e0231679.   |     | 0         |
| 8  | Title is missing!. , 2020, 15, e0231679.   |     | 0         |
| 9  | Title is missing!. , 2020, 15, e0231679.   |     | 0         |
| 10 | Title is missing!. , 2020, 15, e0231679.   |     | 0         |
| 11 | Title is missing!. , 2020, 15, e0231679.   |     | 0         |
| 12 | 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         |
| 13 | 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         |
| 14 | Artificial covalent linkage of bacterial acyl carrier proteins for fatty acid production. <i>Scientific Reports</i> , 2019, 9, 16011.  | 3.3 | 2         |
| 15 | Fused dimerization increases expression, solubility, and activity of bacterial dehydratase enzymes. <i>Protein Science</i> , 2018, 27, 969-975.  | 7.6 | 8         |
| 16 | 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        |
| 17 | PfaR Purification Strategy and Structure Analysis. <i>FASEB Journal</i> , 2018, 32, lb52.  | 0.5 | 0         |
| 18 | Physicochemical Analysis of Outer Membrane Vesicles Isolated from <i>Escherichia coli</i> Harboring the Pks G genes. <i>FASEB Journal</i> , 2018, 32, lb181.   | 0.5 | 0         |

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|----|---|-----|-----------|
| 19 | Biological Activity of Outer Membrane Vesicles from Clinical Isolates of Escherichia coli. FASEB Journal, 2016, 30, 1103.7.   | 0.5 | 0         |
| 20 | Direct Detection and Quantification of Bacterial Genes Associated with Inflammation in DNA Isolated from Stool. Advances in Microbiology, 2014, 04, 1065-1075.                                | 0.6 | 19        |
| 21 | Expression of dehydratase domains from a polyunsaturated fatty acid synthase increases the production of fatty acids in Escherichia coli. Enzyme and Microbial Technology, 2014, 55, 133-139. | 3.2 | 12        |
| 22 | Real-time detection of telomerase activity in cancer cells using a label-free electrochemical impedimetric biosensing microchip. RSC Advances, 2014, 4, 52357-52365.                          | 3.6 | 17        |
| 23 | Identification of novel protein domains required for the expression of an active dehydratase fragment from a polyunsaturated fatty acid synthase. Protein Science, 2013, 22, 954-963.         | 7.6 | 11        |
| 24 | Structure, Activity, and Substrate Selectivity of the Orf6 Thioesterase from Photobacterium profundum. Journal of Biological Chemistry, 2013, 288, 10841-10848.                               | 3.4 | 15        |
| 25 | Solution Structure of the Tandem Acyl Carrier Protein Domains from a Polyunsaturated Fatty Acid Synthase Reveals Beads-on-a-String Configuration. PLoS ONE, 2013, 8, e57859.                  | 2.5 | 22        |
| 26 | Expression of a Tetradomain Fragment from a Polyunsaturated Fatty Acid Synthase with Dehydratase Activity. FASEB Journal, 2012, 26, 756.19.   | 0.5 | 0         |
| 27 | Biophysical Characterization of Acyl Carrier Protein Domains from a Polyunsaturated Fatty Acid Synthase. FASEB Journal, 2012, 26, 552.2.  | 0.5 | 0         |
| 28 | Glutathione Reductase-null Malaria Parasites Have Normal Blood Stage Growth but Arrest during Development in the Mosquito. Journal of Biological Chemistry, 2010, 285, 27045-27056.           | 3.4 | 52        |
| 29 | Protein-protein Interactions and Acyl Carrier Protein Recognition in the Biosynthesis of Omega-3 Fatty Acids by a Polyketide Synthase. FASEB Journal, 2010, 24, 1b220.                        | 0.5 | 0         |
| 30 | Biotechnology and biochemistry of marine natural products. Puerto Rico Health Sciences Journal, 2009, 28, 251-7.  | 0.2 | 4         |