Bernardo BaÃ±uelos-Hernandez

List of Publications by Year
in descending order

36 papers	688 citations	516710 16 h-index	610901 24 g-index
37 all docs	37 docs citations	37 times ranked	839 citing authors

#	Article	IF	Citations
1	Plant-Based Vaccines: Antigen Design, Diversity, and Strategies for High Level Production. Vaccines, 2022, 10, 100.	4.4	10
2	Transformation of Dunaliella salina by Agrobacterium tumefaciens for the Expression of the Hemagglutinin of Avian Influenza Virus H5. Microorganisms, 2022, 10, 361.	3.6	4
3	Plant-made vaccines against parasites: bioinspired perspectives to fight against Chagas disease. Expert Review of Vaccines, 2021, 20, 1373-1388.	4.4	5
4	Two strains of a novel begomovirus encoding Rep proteins with identical Î²1 strands but different Î²5 strands are not compatible in replication. Archives of Virology, 2021, 166, 1691-1709.	2.1	4
5	Ãndice de Temperatura y Humedad (THI) respaldado por el Cortisol Capilar en ganado lechero para la mediciÃ³n de EstrÃ©s CalÃ³rico CrÃ³nico. Nova Scientia, 2021, 13, .	0.1	1
6	Microalgae-made vaccines against infectious diseases. Algal Research, 2021, 58, 102408.	4.6	15
7	Evaluation of acute and chronic exposure to aflatoxin B1 in indigenous women of the Huasteca Potosina, Mexico. Environmental Science and Pollution Research, 2020, 27, 30583-30591.	5.3	13
8	Inducible expression of antigens in plants: a study focused on peptides related to multiple sclerosis immunotherapy. Journal of Biotechnology, 2020, 318, 51-56.	3.8	8
9	Current advances in the algae-made biopharmaceuticals field. Expert Opinion on Biological Therapy, 2020, 20, 751-766.	3.1	39
10	Increased removal of cadmium by Chlamydomonas reinhardtii modified with a synthetic gene for Î³-glutamylcysteine synthetase. International Journal of Phytoremediation, 2020, 22, 1269-1277.	3.1	17
11	Using the TiLV virus genome sequence to develop a recombinant oral vaccine in microalgae. Comment to the article "Complete Genome Sequence of a Tilapia Lake Virus Isolate Obtained from Nile Tilapia (Oreochromis niloticus)". Nova Scientia, 2020, 12, .	0.1	0
12	Analysis of a new begomovirus unveils a composite element conserved in the CP gene promoters of several Geminiviridae genera: Clues to comprehend the complex regulation of late genes. PLoS ONE, 2019, 14, e0210485.	2.5	16
13	Arsenic removal using Chlamydomonas reinhardtii modified with the gene acr3 and enhancement of its performance by decreasing phosphate in the growing media. International Journal of Phytoremediation, 2019, 21, 617-623.	3.1	19
14	Expression of multiple antihypertensive peptides as a fusion protein in the chloroplast of Chlamydomonas reinhardtii. Journal of Applied Phycology, 2018, 30, 1701-1709.	2.8	9
15	Efficient Expression of an Alzheimerâ€™s Disease Vaccine Candidate in the Microalga Schizochytrium sp. Using the Algevir System. Molecular Biotechnology, 2018, 60, 362-368.	2.4	15
16	Prospects on the Use of Schizochytrium sp. to Develop Oral Vaccines. Frontiers in Microbiology, 2018, 9, 2506.	3.5	28
17	Expression of a Zika virus antigen in microalgae: Towards mucosal vaccine development. Journal of Biotechnology, 2018, 282, 86-91.	3.8	36
18	Corn-based vaccines: current status and prospects. Planta, 2017, 245, 875-888.	3.2	12

#	Article	IF	Citations
19	Expression of the VP40 antigen from the Zaire ebolavirus in tobacco plants. Planta, 2017, 246, 123-132.	3.2	17
20	Assessment of Carrot Callus as Biofactories of an Atherosclerosis Oral Vaccine Prototype. Molecular Biotechnology, 2017, 59, 482-489.	2.4	5
21	Algevir: An Expression System for Microalgae Based on Viral Vectors. Frontiers in Microbiology, 2017, 8, 1100.	3.5	33
22	Oxidative Stress Modifies the Levels and Phosphorylation State of Tau Protein in Human Fibroblasts. Frontiers in Neuroscience, 2017, 11, 495.	2.8	24
23	Recombinant Hemagglutinin of Avian Influenza Virus H5 Expressed in the Chloroplast ofChlamydomonas reinhardtiiand Evaluation of Its Immunogenicity in Chickens. Avian Diseases, 2016, 60, 784-791.	1.0	12
24	Chlamydomonas reinhardtii chloroplasts express an orally immunogenic protein targeting the p210 epitope implicated in atherosclerosis immunotherapies. Plant Cell Reports, 2016, 35, 1133-1141.	5.6	24
25	Evaluation of a SUMO E2 Conjugating Enzyme Involved in Resistance to Clavibacter michiganensis Subsp. michiganensis in Solanum peruvianum, Through a Tomato Mottle Virus VIGS Assay. Frontiers in Plant Science, 2015, 6, 1019.	3.6	21
26	Expression of Multiple Taenia Solium Immunogens in Plant Cells Through a Ribosomal Skip Mechanism. Molecular Biotechnology, 2015, 57, 635-643.	2.4	18
27	Current status of viral expression systems in plants and perspectives for oral vaccines development. Plant Molecular Biology, 2015, 87, 203-217.	3.9	55
28	Increased accumulation of cadmium and lead under Ca and Fe deficiency in Typha latifolia: A study of two pore channel (TPC1) gene responses. Environmental and Experimental Botany, 2015, 115, 38-48.	4.2	45
29	Production of Biopharmaceuticals inÂMicroalgae. , 2015, , 281-298.		8
30	Production of a Plant-Derived Immunogenic Protein Targeting ApoB100 and CETP: Toward a Plant-Based Atherosclerosis Vaccine. Molecular Biotechnology, 2014, 56, 1133-1142.	2.4	18
31	Assessment of viral interference using a chemical receptor blocker against avian influenza and establishment of protection levels in field outbreaks. Vaccine, 2014, 32, 1318-1322.	3.8	7
32	Expression of an HBcAg-based antigen carrying angiotensin II in Chlamydomonas reinhardtii as a candidate hypertension vaccine. Plant Cell, Tissue and Organ Culture, 2014, 116, 133-139.	2.3	29
33	Over-expression of Dof-type transcription factor increases lipid production in Chlamydomonas reinhardtii. Journal of Biotechnology, 2014, 184, 27-38.	3.8	77
34	Viral Vector-Based Expression Strategies. , 2014, , 43-60.		6
35	A new strain of tomato severe leaf curl virus and a unique variant of tomato yellow leaf curl virus from Mexico. Archives of Virology, 2012, 157, 1835-1841.	2.1	11
36	Analysis of a new strain of Euphorbia mosaic virus with distinct replication specificity unveils a lineage of begomoviruses with short Rep sequences in the DNA-B intergenic region. Virology Journal, 2010, 7, 275.	3.4	26