

Bernardo Bañuelos-Hernandez

List of Publications by Year in descending order

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papers

688
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516710

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docs citations

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839
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#	ARTICLE	IF	CITATIONS
1	Over-expression of Dof-type transcription factor increases lipid production in <i>Chlamydomonas reinhardtii</i> . <i>Journal of Biotechnology</i> , 2014, 184, 27-38.	3.8	77
2	Current status of viral expression systems in plants and perspectives for oral vaccines development. <i>Plant Molecular Biology</i> , 2015, 87, 203-217.	3.9	55
3	Increased accumulation of cadmium and lead under Ca and Fe deficiency in <i>Typha latifolia</i> : A study of two pore channel (TPC1) gene responses. <i>Environmental and Experimental Botany</i> , 2015, 115, 38-48.	4.2	45
4	Current advances in the algae-made biopharmaceuticals field. <i>Expert Opinion on Biological Therapy</i> , 2020, 20, 751-766.	3.1	39
5	Expression of a Zika virus antigen in microalgae: Towards mucosal vaccine development. <i>Journal of Biotechnology</i> , 2018, 282, 86-91.	3.8	36
6	Algevir: An Expression System for Microalgae Based on Viral Vectors. <i>Frontiers in Microbiology</i> , 2017, 8, 1100.	3.5	33
7	Expression of an HBcAg-based antigen carrying angiotensin II in <i>Chlamydomonas reinhardtii</i> as a candidate hypertension vaccine. <i>Plant Cell, Tissue and Organ Culture</i> , 2014, 116, 133-139.	2.3	29
8	Prospects on the Use of <i>Schizochytrium</i> sp. to Develop Oral Vaccines. <i>Frontiers in Microbiology</i> , 2018, 9, 2506.	3.5	28
9	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. <i>Virology Journal</i> , 2010, 7, 275.	3.4	26
10	<i>Chlamydomonas reinhardtii</i> chloroplasts express an orally immunogenic protein targeting the p210 epitope implicated in atherosclerosis immunotherapies. <i>Plant Cell Reports</i> , 2016, 35, 1133-1141.	5.6	24
11	Oxidative Stress Modifies the Levels and Phosphorylation State of Tau Protein in Human Fibroblasts. <i>Frontiers in Neuroscience</i> , 2017, 11, 495.	2.8	24
12	Evaluation of a SUMO E2 Conjugating Enzyme Involved in Resistance to <i>Clavibacter michiganensis</i> Subsp. <i>michiganensis</i> in <i>Solanum peruvianum</i> , Through a Tomato Mottle Virus VIGS Assay. <i>Frontiers in Plant Science</i> , 2015, 6, 1019.	3.6	21
13	Arsenic removal using <i>Chlamydomonas reinhardtii</i> modified with the gene <i>acr3</i> and enhancement of its performance by decreasing phosphate in the growing media. <i>International Journal of Phytoremediation</i> , 2019, 21, 617-623.	3.1	19
14	Production of a Plant-Derived Immunogenic Protein Targeting ApoB100 and CETP: Toward a Plant-Based Atherosclerosis Vaccine. <i>Molecular Biotechnology</i> , 2014, 56, 1133-1142.	2.4	18
15	Expression of Multiple <i>Taenia Solium</i> Immunogens in Plant Cells Through a Ribosomal Skip Mechanism. <i>Molecular Biotechnology</i> , 2015, 57, 635-643.	2.4	18
16	Expression of the VP40 antigen from the Zaire ebolavirus in tobacco plants. <i>Planta</i> , 2017, 246, 123-132.	3.2	17
17	Increased removal of cadmium by <i>Chlamydomonas reinhardtii</i> modified with a synthetic gene for Γ^3 -glutamylcysteine synthetase. <i>International Journal of Phytoremediation</i> , 2020, 22, 1269-1277.	3.1	17
18	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. <i>PLoS ONE</i> , 2019, 14, e0210485.	2.5	16

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19	Efficient Expression of an Alzheimer's Disease Vaccine Candidate in the Microalga <i>Schizochytrium</i> sp. Using the Algevir System. <i>Molecular Biotechnology</i> , 2018, 60, 362-368.	2.4	15
20	Microalgae-made vaccines against infectious diseases. <i>Algal Research</i> , 2021, 58, 102408.	4.6	15
21	Evaluation of acute and chronic exposure to aflatoxin B1 in indigenous women of the Huasteca Potosina, Mexico. <i>Environmental Science and Pollution Research</i> , 2020, 27, 30583-30591.	5.3	13
22	Recombinant Hemagglutinin of Avian Influenza Virus H5 Expressed in the Chloroplast of <i>Chlamydomonas reinhardtii</i> and Evaluation of Its Immunogenicity in Chickens. <i>Avian Diseases</i> , 2016, 60, 784-791.	1.0	12
23	Corn-based vaccines: current status and prospects. <i>Planta</i> , 2017, 245, 875-888.	3.2	12
24	A new strain of tomato severe leaf curl virus and a unique variant of tomato yellow leaf curl virus from Mexico. <i>Archives of Virology</i> , 2012, 157, 1835-1841.	2.1	11
25	Plant-Based Vaccines: Antigen Design, Diversity, and Strategies for High Level Production. <i>Vaccines</i> , 2022, 10, 100.	4.4	10
26	Expression of multiple antihypertensive peptides as a fusion protein in the chloroplast of <i>Chlamydomonas reinhardtii</i> . <i>Journal of Applied Phycology</i> , 2018, 30, 1701-1709.	2.8	9
27	Production of Biopharmaceuticals in Microalgae. , 2015, , 281-298.		8
28	Inducible expression of antigens in plants: a study focused on peptides related to multiple sclerosis immunotherapy. <i>Journal of Biotechnology</i> , 2020, 318, 51-56.	3.8	8
29	Assessment of viral interference using a chemical receptor blocker against avian influenza and establishment of protection levels in field outbreaks. <i>Vaccine</i> , 2014, 32, 1318-1322.	3.8	7
30	Viral Vector-Based Expression Strategies. , 2014, , 43-60.		6
31	Assessment of Carrot Callus as Biofactories of an Atherosclerosis Oral Vaccine Prototype. <i>Molecular Biotechnology</i> , 2017, 59, 482-489.	2.4	5
32	Plant-made vaccines against parasites: bioinspired perspectives to fight against Chagas disease. <i>Expert Review of Vaccines</i> , 2021, 20, 1373-1388.	4.4	5
33	Two strains of a novel begomovirus encoding Rep proteins with identical 21 strands but different 25 strands are not compatible in replication. <i>Archives of Virology</i> , 2021, 166, 1691-1709.	2.1	4
34	Transformation of <i>Dunaliella salina</i> by <i>Agrobacterium tumefaciens</i> for the Expression of the Hemagglutinin of Avian Influenza Virus H5. <i>Microorganisms</i> , 2022, 10, 361.	3.6	4
35	Índice de Temperatura y Humedad (THI) respaldado por el Cortisol Capilar en ganado lechero para la medición de Estrés Calórico Crónico. <i>Nova Scientia</i> , 2021, 13, .	0.1	1
36	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 (<i>Oreochromis niloticus</i>)". <i>Nova Scientia</i> , 2020, 12, .	0.1	0