L Moreno-Fierros

List of Publications by Year
in descending order

86 papers	2,005 citations	257101 24 h-index	288905 40 g-index
90 all docs	90 docs citations	90 times ranked	1949 citing authors

#	Article	IF	Citations
1	Cry1Ac Protoxin Confers Antitumor Adjuvant Effect in a Triple-Negative Breast Cancer Mouse Model by Improving Tumor Immunity. Breast Cancer: Basic and Clinical Research, 2022, 16, 117822342110651.	0.6	0
2	Docosahexaenoic acid improves altered mineralization proteins, the decreased quality of hydroxyapatite crystals and suppresses oxidative stress induced by high glucose. Experimental and Therapeutic Medicine, 2022, 23, 235.	0.8	3
3	Bacillus thuringiensis Cry1Ac toxin and protoxin do not provoke acute or chronic cytotoxicity on macrophages and leukocytes. In Vitro Cellular and Developmental Biology - Animal, 2021, 57, 42-52.	0.7	2
4	Antibodies induced by oral immunization of mice with a recombinant protein produced in tobacco plants harboring Bordetella pertussis epitopes. Plant Cell, Tissue and Organ Culture, 2021, 147, 85-96.	1.2	1
5	Differential capability of Bacillus thuringiensis Cry1Ac protoxin and toxin to induce in vivo activation of dendritic cells and B lymphocytes. Developmental and Comparative Immunology, 2021, 121, 104071.	1.0	2
6	Differential response of immobile (pneumocytes) and mobile (monocytes) barriers against 2 types of metal oxide nanoparticles. Chemico-Biological Interactions, 2021, 347, 109596.	1.7	2
7	B19-VLPs as an effective delivery system for tumour antigens to induce humoral and cellular immune responses against triple negative breast cancer. Immunology Letters, 2021, 239, 77-87.	1.1	7
8	Development of SARS-CoV-2 vaccines: should we focus on mucosal immunity?. Expert Opinion on Biological Therapy, 2020, 20, 831-836.	1.4	61
9	Upregulation of proteins of the NLRP3 inflammasome in patients with periodontitis and uncontrolled type 2 diabetes. Oral Diseases, 2019, 25, 596-608.	1.5	42
10	Expression of Breast Cancer-Related Epitopes Targeting the IGF-1 Receptor in Chimeric Human Parvovirus B19 Virus-Like Particles. Molecular Biotechnology, 2019, 61, 742-753.	1.3	14
11	Therapy with multi-epitope virus-like particles of B19 parvovirus reduce tumor growth and lung metastasis in an aggressive breast cancer mouse model. Vaccine, 2019, 37, 7256-7268.	1.7	15
12	Curli of Uropathogenic Escherichia coli Enhance Urinary Tract Colonization as a Fitness Factor. Frontiers in Microbiology, 2019, 10, 2063.	1.5	20
13	Functional mechanism of tracheal relaxation, antiasthmatic, and toxicological studies of 6â€hydroxyflavone. Drug Development Research, 2019, 80, 218-229.	1.4	4
14	The Macrophage Activation Induced by Bacillus thuringiensis Cry1Ac Protoxin Involves ERK1/2 and p38 Pathways and the Interaction with Cellâ€Surfaceâ€HSP70. Journal of Cellular Biochemistry, 2018, 119, 580-598.	1.2	16
15	Features of urinary Escherichia coli isolated from children with complicated and uncomplicated urinary tract infections in Mexico. PLoS ONE, 2018, 13, e0204934.	1.1	16
16	Study of the allergenic potential of Bacillus thuringiensis Cry1Ac toxin following intra-gastric administration in a murine model of food-allergy. International Immunopharmacology, 2018, 61, 185-196.	1.7	13
17	In vivo CNS infection model of Acanthamoeba genotype T4: the early stages of infection lack presence of host inflammatory response and are a slow and contact-dependent process. Parasitology Research, 2017, 116, 725-733.	0.6	22
18	Dimeric and Trimeric Fusion Proteins Generated with Fimbrial Adhesins of Uropathogenic Escherichia coli. Frontiers in Cellular and Infection Microbiology, 2016, 6, 135.	1.8	15

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19	Cry1Ac toxin induces macrophage activation via ERK1/2, JNK and p38 mitogen-activated protein kinases. International Journal of Biochemistry and Cell Biology, 2016, 78, 106-115.	1.2	26
20	An overview of the safety and biological effects of Bacillus thuringiensis Cry toxins in mammals. Journal of Applied Toxicology, 2016, 36, 630-648.	1.4	58
21	Intraperitoneal Immunization with Cry1Ac Protoxin from Bacillus thuringiensis Provokes Upregulation of Fcâ€Gammaâ€I/and Fcâ€Gammaâ€III Receptors Associated with IgG in the Intestinal Epithelium of Mice. Scandinavian Journal of Immunology, 2015, 82, 35-47.	1.3	6
22	The protoxin Cry1Ac of Bacillus thuringiensis improves the protection conferred by intranasal immunization with Brucella abortus RB51 in a mouse model. Veterinary Microbiology, 2015, 175, 382-388.	0.8	16
23	An Env-derived multi-epitope HIV chimeric protein produced in the moss Physcomitrella patens is immunogenic in mice. Plant Cell Reports, 2015, 34, 425-433.	2.8	31
24	A Plant-Derived Multi-HIV Antigen Induces Broad Immune Responses in Orally Immunized Mice. Molecular Biotechnology, 2015, 57, 662-674.	1.3	24
25	Coadministration of protoxin <scp>C</scp>ry1<scp>A</scp>c from <scp>B</scp>acillus thuringiensis with metacestode extract confers protective immunity to murine cysticercosis. Parasite Immunology, 2014, 36, 266-270.	0.7	10
26	Chloroplast expression of an HIV envelop-derived multiepitope protein: towards a multivalent plant-based vaccine. Plant Cell, Tissue and Organ Culture, 2014, 116, 111-123.	1.2	13
27	Plant-based vaccines for Alzheimer's disease: an overview. Expert Review of Vaccines, 2014, 13, 429-441.	2.0	9
28	Does the conceptus of the viviparous lizard Barisia imbricata imbricata participates in the regulation of progesterone production and the control of luteolysis?. Animal Reproduction Science, 2014, 148, 212-220.	0.5	1
29	Mucosal Immunology and Oral Vaccination. , 2014, , 15-42.		1
30	Immunogenic properties of a lettuce-derived C4(V3)6 multiepitopic HIV protein. Planta, 2013, 238, 785-792.	1.6	23
31	Production of an antigenic C4(V3)6 multiepitopic HIV protein in bacterial and plant systems. Plant Cell, Tissue and Organ Culture, 2013, 113, 73-79.	1.2	15
32	Cry1Ac protoxin from Bacillus thuringiensis promotes macrophage activation by upregulating CD80 and CD86 and by inducing IL-6, MCP-1 and TNF-Î± cytokines. International Immunopharmacology, 2013, 17, 1051-1066.	1.7	38
33	Suppression of the death gene BIK is a critical factor for resistance to tamoxifen in MCF-7 breast cancer cells. International Journal of Oncology, 2013, 43, 1777-1786.	1.4	13
34	High glucose concentrations alter the biomineralization process in human osteoblastic cells. Bone, 2012, 50, 276-288.	1.4	141
35	Sodium caseinate induces mouse granulopoiesis. Inflammation Research, 2012, 61, 367-373.	1.6	9
36	Expression of tollâ€like receptors 2, 4 and 9 is increased in gingival tissue from patients with type 2 diabetes and chronic periodontitis. Journal of Periodontal Research, 2012, 47, 62-73.	1.4	62

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37	Current status and perspectives of plant-based candidate vaccines against the human immunodeficiency virus (HIV). Plant Cell Reports, 2012, 31, 495-511.	2.8	22
38	A chloroplast-derived C4V3 polypeptide from the human immunodeficiency virus (HIV) is orally immunogenic in mice. Plant Molecular Biology, 2012, 78, 337-349.	2.0	35
39	Expression of the nucleocapsid protein of Porcine Reproductive and Respiratory Syndrome Virus in soybean seed yields an immunogenic antigenic protein. Planta, 2012, 235, 513-522.	1.6	19
40	Transgenic carrot tap roots expressing an immunogenic F1â€“V fusion protein from Yersinia pestis are immunogenic in mice. Journal of Plant Physiology, 2011, 168, 174-180.	1.6	21
41	Expression of Toll-like Receptor TLR-2, TLR-3, TLR-4 and TLR-9 IsÂIncreased in Placentas from Patients with Preeclampsia. Archives of Medical Research, 2011, 42, 382-391.	1.5	70
42	Oral immunization with a lettuce-derived Escherichia coli heat-labile toxin B subunit induces neutralizing antibodies in mice. Plant Cell, Tissue and Organ Culture, 2011, 107, 441-449.	1.2	18
43	Oral immunogenicity of tomato-derived sDPT polypeptide containing Corynebacterium diphtheriae, Bordetella pertussis and Clostridium tetani exotoxin epitopes. Plant Cell Reports, 2011, 30, 417-424.	2.8	22
44	Immunogenicity of nuclear-encoded LTB:ST fusion protein from Escherichia coli expressed in tobacco plants. Plant Cell Reports, 2011, 30, 1145-1152.	2.8	24
45	Two decades of plant-based candidate vaccines: a review of the chimeric protein approaches. Plant Cell Reports, 2011, 30, 1367-1382.	2.8	42
46	Expression of an immunogenic F1-V fusion protein in lettuce as a plant-based vaccine against plague. Planta, 2010, 232, 409-416.	1.6	29
47	Effects of luteectomy in early pregnancy on the maintenance of gestation and plasma progesterone concentrations in the viviparous temperate lizard Barisia imbricata imbricata. Reproductive Biology and Endocrinology, 2010, 8, 19.	1.4	6
48	Protection against Naegleria fowleri infection in mice immunized with Cry1Ac plus amoebic lysates is dependent on the STAT6 Th2 response. Parasite Immunology, 2010, 32, 664-670.	0.7	22
49	Striking Activation of NALT and Nasal Passages Lymphocytes Induced by Intranasal Immunization with Cry1Ac protoxin. Scandinavian Journal of Immunology, 2010, 71, 159-168.	1.3	9
50	Pretreatment with Cry1Ac Protoxin Modulates the Immune Response, and Increases the Survival ofPlasmodium-Infected CBA/Ca Mice. Journal of Biomedicine and Biotechnology, 2010, 2010, 1-11.	3.0	17
51	Expression of a multi-epitope DPT fusion protein in transplastomic tobacco plants retains both antigenicity and immunogenicity of all three components of the functional oligomer. Planta, 2009, 229, 1293-1302.	1.6	31
52	Immunization with Cry1Ac from Bacillus Thuringiensis Increases Intestinal IgG Response and Induces the Expression of FcRn in the Intestinal Epithelium of Adult Mice. Scandinavian Journal of Immunology, 2009, 70, 596-607.	1.3	15
53	Expression of an Escherichia coli antigenic fusion protein comprising the heat labile toxinâ€ƒB subunit and the heat stable toxin, and its assembly as a functional oligomer in transplastomic tobacco plants. Plant Journal, 2009, 57, 45-54.	2.8	62
54	Intranasal immunization with Naegleria fowleri lysates and Cry1Ac induces metaplasia in the olfactory epithelium and increases IgA secretion. Parasite Immunology, 2008, 30, 31-38.	0.7	23

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55	Analysis of the cellular immune response induced by Bacillus thuringiensis Cry1A toxins in mice: Effect of the hydrophobic motif from diphtheria toxin. Molecular Immunology, 2007, 44, 1209-1217.	1.0	13
56	Phenotypic and Functional Differences between Lymphocytes from NALT and Nasal Passages of Mice. Scandinavian Journal of Immunology, 2007, 65, 276-288.	1.3	28
57	Carrier Potential Properties of Bacillus thuringiensis Cry1A Toxins for a Diphtheria Toxin Epitope. Scandinavian Journal of Immunology, 2007, 66, 610-618.	1.3	7
58	Ingestion of transgenic carrots expressing the Escherichia coli heat-labile enterotoxin B subunit protects mice against cholera toxin challenge. Plant Cell Reports, 2007, 27, 79-84.	2.8	65
59	Nitric oxide production and nitric oxide synthase immunoreactivity in Naegleria fowleri. Parasitology Research, 2007, 101, 269-274.	0.6	12
60	Production of a Short Recombinant C4V3 HIV-1 Immunogen That Induces Strong Anti-HIV Responses by Systemic and Mucosal Routes Without the Need of Adjuvants. Viral Immunology, 2006, 19, 237-249.	0.6	11
61	Mucosal and Systemic Adjuvant Effects of Cholera Toxin and Cry1Ac Protoxin on the Specific Antibody Response to HIV-1 C4/V3 Peptides Are Different and Depend on the Antigen Co-administered. Viral Immunology, 2005, 18, 695-708.	0.6	9
62	Striking phenotypic and functional differences in lamina propria lymphocytes from the large and small intestine of mice. Life Sciences, 2005, 76, 2783-2803.	2.0	46
63	Immunohistochemical characterization of the initial stages of Naegleria fowleri meningoencephalitis in mice. Parasitology Research, 2004, 94, 31-6.	0.6	57
64	Intranasal Coadministration of the Cry1Ac Protoxin with Amoebal Lysates Increases Protection against Naegleria fowleri Meningoencephalitis. Infection and Immunity, 2004, 72, 4368-4375.	1.0	60
65	Structural implication of the induced immune response by Bacillus thuringiensis Cry proteins: role of the N-terminal region. Molecular Immunology, 2004, 41, 1177-1183.	1.0	25
66	Intranasal Cry1Ac Protoxin is an Effective Mucosal and Systemic Carrier and Adjuvant of Streptococcus pneumoniae Polysaccharides in Mice. Scandinavian Journal of Immunology, 2003, 57, 45-55.	1.3	43
67	Slight influence of the estrous cycle stage on the mucosal and systemic specific antibody response induced after vaginal and intraperitoneal immunization with protoxin Cry1Ac from Bacillus thuringiensis in mice. Life Sciences, 2002, 71, 2667-2680.	2.0	6
68	Differences between the Large and Small Intestine in the Immunodominant Amoebic Proteins Recognized by IgG and IgA Antibodies in BALB/c Mice. Scandinavian Journal of Immunology, 2002, 55, 458-469.	1.3	2
69	Intranasal, rectal and intraperitoneal immunization with protoxin Cry1Ac from Bacillus thuringiensis induces compartmentalized serum, intestinal, vaginal and pulmonary immune responses in Balb/c mice. Microbes and Infection, 2000, 2, 885-890.	1.0	52
70	Compartmentalization of the Intestinal Antiamebic Immune Response in Balb/c Mice. Archives of Medical Research, 2000, 31, S84-S86.	1.5	0
71	Effect of Immunization with Glutaraldehyde-Fixed Entamoeba histolytica Trophozoites on the Proportions of IgA, IgM, and IgG B Lymphocytes in the Large and Small Intestine from Balb/c Mice. Archives of Medical Research, 2000, 31, S112-S115.	1.5	0
72	Metronidazole and Mebendazole Pretreatments Suppress the Antiamebic Recognition of Lamina propia Lymphocyte Supernatants from the Small and Large Intestine in Intraperitoneally Immunized Balb/c Mice. Archives of Medical Research, 2000, 31, S116-S118.	1.5	0

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73	Characterization of the mucosal and systemic immune response induced by Cry1Ac protein from Bacillus thuringiensis HD 73 in mice. Brazilian Journal of Medical and Biological Research, 2000, 33, 147-155.	0.7	41
74	Cry1Ac Protoxin from Bacillus thuringiensis sp. kurstaki HD73 Binds to Surface Proteins in the Mouse Small Intestine. Biochemical and Biophysical Research Communications, 2000, 271, 54-58.	1.0	50
75	Bacillus thuringiensisCry1Ac Protoxin is a Potent Systemic and Mucosal Adjuvant. Scandinavian Journal of Immunology, 1999, 49, 578-584.	1.3	73
76	Different antiamebic antibody isotype patterns in the large and small intestine after local and systemic immunization of mice with glutaraldehyde fixed Entamoeba histolytica trophozoites. Life Sciences, 1999, 64, 1079-1089.	2.0	14
77	Intragastric and intraperitoneal administration of Cry1Ac protoxin from Bacillus thuringiensis induces systemic and mucosal antibody responses in mice. Life Sciences, 1999, 64, 1897-1912.	2.0	78
78	Mucosal and systemic suppression of the immune response to E. histolytica provoked by metronidazole and mebendazole in Balb/c mice. Proceedings of the Western Pharmacology Society, 1998, 41, 99-102.	0.1	1
79	Intramuscular administration of cholera toxin in Balb/c mice induces an inflammatory reaction that is prevented by indomethacin. Proceedings of the Western Pharmacology Society, 1998, 41, 103-6.	0.1	0
80	Immunodominant Entamoeba histolytica antigens recognized by serum and intestinal antibodies after local or systemic immunization of mice with glutaraldehyde fixed trophozoites. Life Sciences, 1996, 59, 1283-1295.	2.0	4
81	Quantification and isotype analysis of the serum anti-amebic antibody response produced after mucosal and systemic immunization in male and female mice. Folia Biologica, 1996, 42, 99-103.	0.8	0
82	Entamoeba histolytica: Induction and Isotype Analysis of Antibody Producing Cell Responses in Peyerâ€²s Patches and Spleen after Local and Systemic Immunization in Male and Female Mice. Experimental Parasitology, 1995, 80, 541-549.	0.5	12
83	The use of an ELISPOT assay to evaluate intestinal and systemic antibody responses to locally administered Entamoeba histolytica antigen in mice. Archives of Medical Research, 1994, 25, 183-7.	1.5	0
84	F-actin in guinea pig spermatozoa: Its role in calmodulin translocation during acrosome reaction. Molecular Reproduction and Development, 1992, 33, 172-181.	1.0	54
85	Sex differences in systemic and local immune responses to Entamoeba histolytica after intraperitoneal and rectal immunization in Balb/c mice. Archives of Medical Research, 1992, 23, 153-5.	1.5	1
86	Kinetics of the anti-amebic antibody producing cells response in Peyer's patches and spleen after both local and systemic stimulation in Balb/c mice. Archives of Medical Research, 1992, 23, 165-8.	1.5	0