

L Moreno-Fierros

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3729992/publications.pdf>

Version: 2024-02-01

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	High glucose concentrations alter the biomineralization process in human osteoblastic cells. <i>Bone</i> , 2012, 50, 276-288.	1.4	141
2	Intragastric and intraperitoneal administration of Cry1Ac protoxin from <i>Bacillus thuringiensis</i> induces systemic and mucosal antibody responses in mice. <i>Life Sciences</i> , 1999, 64, 1897-1912.	2.0	78
3	<i>Bacillus thuringiensis</i> Cry1Ac Protoxin is a Potent Systemic and Mucosal Adjuvant. <i>Scandinavian Journal of Immunology</i> , 1999, 49, 578-584.	1.3	73
4	Expression of Toll-like Receptor TLR-2, TLR-3, TLR-4 and TLR-9 Is Increased in Placentas from Patients with Preeclampsia. <i>Archives of Medical Research</i> , 2011, 42, 382-391.	1.5	70
5	Ingestion of transgenic carrots expressing the <i>Escherichia coli</i> heat-labile enterotoxin B subunit protects mice against cholera toxin challenge. <i>Plant Cell Reports</i> , 2007, 27, 79-84.	2.8	65
6	Expression of an <i>Escherichia coli</i> antigenic fusion protein comprising the heat labile toxin ϵ B subunit and the heat stable toxin, and its assembly as a functional oligomer in transplastomic tobacco plants. <i>Plant Journal</i> , 2009, 57, 45-54.	2.8	62
7	Expression of toll-like receptors 2, 4 and 9 is increased in gingival tissue from patients with type 2 diabetes and chronic periodontitis. <i>Journal of Periodontal Research</i> , 2012, 47, 62-73.	1.4	62
8	Development of SARS-CoV-2 vaccines: should we focus on mucosal immunity?. <i>Expert Opinion on Biological Therapy</i> , 2020, 20, 831-836.	1.4	61
9	Intranasal Coadministration of the Cry1Ac Protoxin with Amoebal Lysates Increases Protection against <i>Naegleria fowleri</i> Meningoencephalitis. <i>Infection and Immunity</i> , 2004, 72, 4368-4375.	1.0	60
10	An overview of the safety and biological effects of <i>Bacillus thuringiensis</i> Cry toxins in mammals. <i>Journal of Applied Toxicology</i> , 2016, 36, 630-648.	1.4	58
11	Immunohistochemical characterization of the initial stages of <i>Naegleria fowleri</i> meningoencephalitis in mice. <i>Parasitology Research</i> , 2004, 94, 31-6.	0.6	57
12	F-actin in guinea pig spermatozoa: Its role in calmodulin translocation during acrosome reaction. <i>Molecular Reproduction and Development</i> , 1992, 33, 172-181.	1.0	54
13	Intranasal, rectal and intraperitoneal immunization with protoxin Cry1Ac from <i>Bacillus thuringiensis</i> induces compartmentalized serum, intestinal, vaginal and pulmonary immune responses in Balb/c mice. <i>Microbes and Infection</i> , 2000, 2, 885-890.	1.0	52
14	Cry1Ac Protoxin from <i>Bacillus thuringiensis</i> sp. <i>kurstaki</i> HD73 Binds to Surface Proteins in the Mouse Small Intestine. <i>Biochemical and Biophysical Research Communications</i> , 2000, 271, 54-58.	1.0	50
15	Striking phenotypic and functional differences in lamina propria lymphocytes from the large and small intestine of mice. <i>Life Sciences</i> , 2005, 76, 2783-2803.	2.0	46
16	Intranasal Cry1Ac Protoxin is an Effective Mucosal and Systemic Carrier and Adjuvant of <i>Streptococcus pneumoniae</i> Polysaccharides in Mice. <i>Scandinavian Journal of Immunology</i> , 2003, 57, 45-55.	1.3	43
17	Two decades of plant-based candidate vaccines: a review of the chimeric protein approaches. <i>Plant Cell Reports</i> , 2011, 30, 1367-1382.	2.8	42
18	Upregulation of proteins of the NLRP3 inflammasome in patients with periodontitis and uncontrolled type 2 diabetes. <i>Oral Diseases</i> , 2019, 25, 596-608.	1.5	42

#	ARTICLE	IF	CITATIONS
19	Characterization of the mucosal and systemic immune response induced by Cry1Ac protein from <i>Bacillus thuringiensis</i> HD 73 in mice. <i>Brazilian Journal of Medical and Biological Research</i> , 2000, 33, 147-155.	0.7	41
20	Cry1Ac protoxin from <i>Bacillus thuringiensis</i> promotes macrophage activation by upregulating CD80 and CD86 and by inducing IL-6, MCP-1 and TNF- α cytokines. <i>International Immunopharmacology</i> , 2013, 17, 1051-1066.	1.7	38
21	A chloroplast-derived C4V3 polypeptide from the human immunodeficiency virus (HIV) is orally immunogenic in mice. <i>Plant Molecular Biology</i> , 2012, 78, 337-349.	2.0	35
22	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. <i>Planta</i> , 2009, 229, 1293-1302.	1.6	31
23	An Env-derived multi-epitope HIV chimeric protein produced in the moss <i>Physcomitrella patens</i> is immunogenic in mice. <i>Plant Cell Reports</i> , 2015, 34, 425-433.	2.8	31
24	Expression of an immunogenic F1-V fusion protein in lettuce as a plant-based vaccine against plague. <i>Planta</i> , 2010, 232, 409-416.	1.6	29
25	Phenotypic and Functional Differences between Lymphocytes from NALT and Nasal Passages of Mice. <i>Scandinavian Journal of Immunology</i> , 2007, 65, 276-288.	1.3	28
26	Cry1Ac toxin induces macrophage activation via ERK1/2, JNK and p38 mitogen-activated protein kinases. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 78, 106-115.	1.2	26
27	Structural implication of the induced immune response by <i>Bacillus thuringiensis</i> Cry proteins: role of the N-terminal region. <i>Molecular Immunology</i> , 2004, 41, 1177-1183.	1.0	25
28	Immunogenicity of nuclear-encoded LTB:ST fusion protein from <i>Escherichia coli</i> expressed in tobacco plants. <i>Plant Cell Reports</i> , 2011, 30, 1145-1152.	2.8	24
29	A Plant-Derived Multi-HIV Antigen Induces Broad Immune Responses in Orally Immunized Mice. <i>Molecular Biotechnology</i> , 2015, 57, 662-674.	1.3	24
30	Intranasal immunization with <i>Naegleria fowleri</i> lysates and Cry1Ac induces metaplasia in the olfactory epithelium and increases IgA secretion. <i>Parasite Immunology</i> , 2008, 30, 31-38.	0.7	23
31	Immunogenic properties of a lettuce-derived C4(V3)6 multiepitopic HIV protein. <i>Planta</i> , 2013, 238, 785-792.	1.6	23
32	Protection against <i>Naegleria fowleri</i> infection in mice immunized with Cry1Ac plus amoebic lysates is dependent on the STAT6 Th2 response. <i>Parasite Immunology</i> , 2010, 32, 664-670.	0.7	22
33	Oral immunogenicity of tomato-derived sDPT polypeptide containing <i>Corynebacterium diphtheriae</i> , <i>Bordetella pertussis</i> and <i>Clostridium tetani</i> exotoxin epitopes. <i>Plant Cell Reports</i> , 2011, 30, 417-424.	2.8	22
34	Current status and perspectives of plant-based candidate vaccines against the human immunodeficiency virus (HIV). <i>Plant Cell Reports</i> , 2012, 31, 495-511.	2.8	22
35	In vivo CNS infection model of <i>Acanthamoeba</i> genotype T4: the early stages of infection lack presence of host inflammatory response and are a slow and contact-dependent process. <i>Parasitology Research</i> , 2017, 116, 725-733.	0.6	22
36	Transgenic carrot tap roots expressing an immunogenic F1-V fusion protein from <i>Yersinia pestis</i> are immunogenic in mice. <i>Journal of Plant Physiology</i> , 2011, 168, 174-180.	1.6	21

#	ARTICLE	IF	CITATIONS
37	Curli of Uropathogenic Escherichia coli Enhance Urinary Tract Colonization as a Fitness Factor. <i>Frontiers in Microbiology</i> , 2019, 10, 2063.	1.5	20
38	Expression of the nucleocapsid protein of Porcine Reproductive and Respiratory Syndrome Virus in soybean seed yields an immunogenic antigenic protein. <i>Planta</i> , 2012, 235, 513-522.	1.6	19
39	Oral immunization with a lettuce-derived Escherichia coli heat-labile toxin B subunit induces neutralizing antibodies in mice. <i>Plant Cell, Tissue and Organ Culture</i> , 2011, 107, 441-449.	1.2	18
40	Pretreatment with Cry1Ac Protoxin Modulates the Immune Response, and Increases the Survival of Plasmodium-Infected CBA/Ca Mice. <i>Journal of Biomedicine and Biotechnology</i> , 2010, 2010, 1-11.	3.0	17
41	The protoxin Cry1Ac of Bacillus thuringiensis improves the protection conferred by intranasal immunization with Brucella abortus RB51 in a mouse model. <i>Veterinary Microbiology</i> , 2015, 175, 382-388.	0.8	16
42	The Macrophage Activation Induced by Bacillus thuringiensis Cry1Ac Protoxin Involves ERK1/2 and p38 Pathways and the Interaction with Cell Surface HSP70. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 580-598.	1.2	16
43	Features of urinary Escherichia coli isolated from children with complicated and uncomplicated urinary tract infections in Mexico. <i>PLoS ONE</i> , 2018, 13, e0204934.	1.1	16
44	Immunization with Cry1Ac from Bacillus Thuringiensis Increases Intestinal IgG Response and Induces the Expression of FcRn in the Intestinal Epithelium of Adult Mice. <i>Scandinavian Journal of Immunology</i> , 2009, 70, 596-607.	1.3	15
45	Production of an antigenic C4(V3)6 multiepitopic HIV protein in bacterial and plant systems. <i>Plant Cell, Tissue and Organ Culture</i> , 2013, 113, 73-79.	1.2	15
46	Dimeric and Trimeric Fusion Proteins Generated with Fimbrial Adhesins of Uropathogenic Escherichia coli. <i>Frontiers in Cellular and Infection Microbiology</i> , 2016, 6, 135.	1.8	15
47	Therapy with multi-epitope virus-like particles of B19 parvovirus reduce tumor growth and lung metastasis in an aggressive breast cancer mouse model. <i>Vaccine</i> , 2019, 37, 7256-7268.	1.7	15
48	Different antiamebic antibody isotype patterns in the large and small intestine after local and systemic immunization of mice with glutaraldehyde fixed Entamoeba histolytica trophozoites. <i>Life Sciences</i> , 1999, 64, 1079-1089.	2.0	14
49	Expression of Breast Cancer-Related Epitopes Targeting the IGF-1 Receptor in Chimeric Human Parvovirus B19 Virus-Like Particles. <i>Molecular Biotechnology</i> , 2019, 61, 742-753.	1.3	14
50	Analysis of the cellular immune response induced by Bacillus thuringiensis Cry1A toxins in mice: Effect of the hydrophobic motif from diphtheria toxin. <i>Molecular Immunology</i> , 2007, 44, 1209-1217.	1.0	13
51	Suppression of the death gene BIK is a critical factor for resistance to tamoxifen in MCF-7 breast cancer cells. <i>International Journal of Oncology</i> , 2013, 43, 1777-1786.	1.4	13
52	Chloroplast expression of an HIV envelop-derived multiepitope protein: towards a multivalent plant-based vaccine. <i>Plant Cell, Tissue and Organ Culture</i> , 2014, 116, 111-123.	1.2	13
53	Study of the allergenic potential of Bacillus thuringiensis Cry1Ac toxin following intra-gastric administration in a murine model of food-allergy. <i>International Immunopharmacology</i> , 2018, 61, 185-196.	1.7	13
54	Entamoeba histolytica: Induction and Isotype Analysis of Antibody Producing Cell Responses in Peyer's Patches and Spleen after Local and Systemic Immunization in Male and Female Mice. <i>Experimental Parasitology</i> , 1995, 80, 541-549.	0.5	12

#	ARTICLE	IF	CITATIONS
55	Nitric oxide production and nitric oxide synthase immunoreactivity in <i>Naegleria fowleri</i> . <i>Parasitology Research</i> , 2007, 101, 269-274.	0.6	12
56	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. <i>Viral Immunology</i> , 2006, 19, 237-249.	0.6	11
57	Coadministration of protoxin <i>Cry1Ac</i> from <i>Bacillus thuringiensis</i> with metacestode extract confers protective immunity to murine cysticercosis. <i>Parasite Immunology</i> , 2014, 36, 266-270.	0.7	10
58	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. <i>Viral Immunology</i> , 2005, 18, 695-708.	0.6	9
59	Striking Activation of NALT and Nasal Passages Lymphocytes Induced by Intranasal Immunization with Cry1Ac protoxin. <i>Scandinavian Journal of Immunology</i> , 2010, 71, 159-168.	1.3	9
60	Sodium caseinate induces mouse granulopoiesis. <i>Inflammation Research</i> , 2012, 61, 367-373.	1.6	9
61	Plant-based vaccines for Alzheimer's disease: an overview. <i>Expert Review of Vaccines</i> , 2014, 13, 429-441.	2.0	9
62	Carrier Potential Properties of <i>Bacillus thuringiensis</i> Cry1A Toxins for a Diphtheria Toxin Epitope. <i>Scandinavian Journal of Immunology</i> , 2007, 66, 610-618.	1.3	7
63	B19-VLPs as an effective delivery system for tumour antigens to induce humoral and cellular immune responses against triple negative breast cancer. <i>Immunology Letters</i> , 2021, 239, 77-87.	1.1	7
64	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 <i>Bacillus thuringiensis</i> in mice. <i>Life Sciences</i> , 2002, 71, 2667-2680.	2.0	6
65	Effects of luteectomy in early pregnancy on the maintenance of gestation and plasma progesterone concentrations in the viviparous temperate lizard <i>Barisia imbricata imbricata</i> . <i>Reproductive Biology and Endocrinology</i> , 2010, 8, 19.	1.4	6
66	Intraperitoneal Immunization with Cry1Ac Protoxin from <i>Bacillus thuringiensis</i> Provokes Upregulation of Fc γ RII and Fc γ RIII Receptors Associated with IgG in the Intestinal Epithelium of Mice. <i>Scandinavian Journal of Immunology</i> , 2015, 82, 35-47.	1.3	6
67	Immunodominant <i>Entamoeba histolytica</i> antigens recognized by serum and intestinal antibodies after local or systemic immunization of mice with glutaraldehyde fixed trophozoites. <i>Life Sciences</i> , 1996, 59, 1283-1295.	2.0	4
68	Functional mechanism of tracheal relaxation, antiasthmatic, and toxicological studies of 6-hydroxyflavone. <i>Drug Development Research</i> , 2019, 80, 218-229.	1.4	4
69	Docosahexaenoic acid improves altered mineralization proteins, the decreased quality of hydroxyapatite crystals and suppresses oxidative stress induced by high glucose. <i>Experimental and Therapeutic Medicine</i> , 2022, 23, 235.	0.8	3
70	Differences between the Large and Small Intestine in the Immunodominant Amoebic Proteins Recognized by IgG and IgA Antibodies in BALB/c Mice. <i>Scandinavian Journal of Immunology</i> , 2002, 55, 458-469.	1.3	2
71	<i>Bacillus thuringiensis</i> Cry1Ac toxin and protoxin do not provoke acute or chronic cytotoxicity on macrophages and leukocytes. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2021, 57, 42-52.	0.7	2
72	Differential capability of <i>Bacillus thuringiensis</i> Cry1Ac protoxin and toxin to induce in vivo activation of dendritic cells and B lymphocytes. <i>Developmental and Comparative Immunology</i> , 2021, 121, 104071.	1.0	2

#	ARTICLE	IF	CITATIONS
73	Differential response of immobile (pneumocytes) and mobile (monocytes) barriers against 2 types of metal oxide nanoparticles. <i>Chemico-Biological Interactions</i> , 2021, 347, 109596.	1.7	2
74	Does the conceptus of the viviparous lizard <i>Barisia imbricata imbricata</i> participates in the regulation of progesterone production and the control of luteolysis?. <i>Animal Reproduction Science</i> , 2014, 148, 212-220.	0.5	1
75	Antibodies induced by oral immunization of mice with a recombinant protein produced in tobacco plants harboring <i>Bordetella pertussis</i> epitopes. <i>Plant Cell, Tissue and Organ Culture</i> , 2021, 147, 85-96.	1.2	1
76	<i>Mucosal Immunology and Oral Vaccination.</i> , 2014, , 15-42.		1
77	Sex differences in systemic and local immune responses to <i>Entamoeba histolytica</i> after intraperitoneal and rectal immunization in Balb/c mice. <i>Archives of Medical Research</i> , 1992, 23, 153-5.	1.5	1
78	Mucosal and systemic suppression of the immune response to <i>E. histolytica</i> provoked by metronidazole and mebendazole in Balb/c mice. <i>Proceedings of the Western Pharmacology Society</i> , 1998, 41, 99-102.	0.1	1
79	Compartmentalization of the Intestinal Antiamebic Immune Response in Balb/c Mice. <i>Archives of Medical Research</i> , 2000, 31, S84-S86.	1.5	0
80	Effect of Immunization with Glutaraldehyde-Fixed <i>Entamoeba histolytica</i> Trophozoites on the Proportions of IgA, IgM, and IgG B Lymphocytes in the Large and Small Intestine from Balb/c Mice. <i>Archives of Medical Research</i> , 2000, 31, S112-S115.	1.5	0
81	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. <i>Archives of Medical Research</i> , 2000, 31, S116-S118.	1.5	0
82	Cry1Ac Protoxin Confers Antitumor Adjuvant Effect in a Triple-Negative Breast Cancer Mouse Model by Improving Tumor Immunity. <i>Breast Cancer: Basic and Clinical Research</i> , 2022, 16, 117822342110651.	0.6	0
83	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. <i>Archives of Medical Research</i> , 1992, 23, 165-8.	1.5	0
84	The use of an ELISPOT assay to evaluate intestinal and systemic antibody responses to locally administered <i>Entamoeba histolytica</i> antigen in mice. <i>Archives of Medical Research</i> , 1994, 25, 183-7.	1.5	0
85	Quantification and isotype analysis of the serum anti-amebic antibody response produced after mucosal and systemic immunization in male and female mice. <i>Folia Biologica</i> , 1996, 42, 99-103.	0.8	0
86	Intramuscular administration of cholera toxin in Balb/c mice induces an inflammatory reaction that is prevented by indomethacin. <i>Proceedings of the Western Pharmacology Society</i> , 1998, 41, 103-6.	0.1	0