

Diego Barriales

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

259
citations

840776

11
h-index

996975

15
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22
all docs

22
docs citations

22
times ranked

403
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrial bioenergetics boost macrophage activation, promoting liver regeneration in metabolically compromised animals. <i>Hepatology</i> , 2022, 75, 550-566.	7.3	25
2	Uneven metabolic and lipidomic profiles in recovered COVID-19 patients as investigated by plasma NMR metabolomics. <i>NMR in Biomedicine</i> , 2022, 35, e4637.	2.8	32
3	Mitochondrial complex I dysfunction alters the balance of soluble and membrane-bound TNF during chronic experimental colitis. <i>Scientific Reports</i> , 2022, 12, .	3.3	2
4	<i>Borrelia burgdorferi</i> infection induces long-term memory-like responses in macrophages with tissue-wide consequences in the heart. <i>PLoS Biology</i> , 2021, 19, e3001062.	5.6	7
5	The commensal bacterium <i>Lactiplantibacillus plantarum</i> imprints innate memory-like responses in mononuclear phagocytes. <i>Gut Microbes</i> , 2021, 13, 1939598.	9.8	8
6	Identification and Characterization of Immunodominant Proteins from Tick Tissue Extracts Inducing a Protective Immune Response against <i>Ixodes ricinus</i> in Cattle. <i>Vaccines</i> , 2021, 9, 636.	4.4	0
7	Probing an <i>Ixodes ricinus</i> salivary gland yeast surface display with tick-exposed human sera to identify novel candidates for an anti-tick vaccine. <i>Scientific Reports</i> , 2021, 11, 15745.	3.3	6
8	A Catalogus Immune Muris of the mouse immune responses to diverse pathogens. <i>Cell Death and Disease</i> , 2021, 12, 798.	6.3	0
9	Oral vaccination stimulates neutrophil functionality and exerts protection in a <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> infection model. <i>Npj Vaccines</i> , 2021, 6, 102.	6.0	4
10	Cross-protective immune responses against African horse sickness virus after vaccination with protein NS1 delivered by avian reovirus muNS microspheres and modified vaccinia virus Ankara. <i>Vaccine</i> , 2020, 38, 882-889.	3.8	11
11	Exploiting structure-activity relationships of QS-21 in the design and synthesis of streamlined saponin vaccine adjuvants. <i>Chemical Communications</i> , 2020, 56, 719-722.	4.1	16
12	A combined transcriptomic approach to identify candidates for an anti-tick vaccine blocking <i>B. afzelii</i> transmission. <i>Scientific Reports</i> , 2020, 10, 20061.	3.3	15
13	A structurally unique <i>Fusobacterium nucleatum</i> tannase provides detoxicant activity against gallotannins and pathogen resistance. <i>Microbial Biotechnology</i> , 2020, .	4.2	3
14	The mitochondrial negative regulator MCJ modulates the interplay between microbiota and the host during ulcerative colitis. <i>Scientific Reports</i> , 2020, 10, 572.	3.3	17
15	Chemical synthesis and immunological evaluation of new generation multivalent anticancer vaccines based on a Tn antigen analogue. <i>Chemical Science</i> , 2020, 11, 4488-4498.	7.4	18
16	Regulation of macrophage activity by surface receptors contained within <i>Borrelia burgdorferi</i> -enriched phagosomal fractions. <i>PLoS Pathogens</i> , 2019, 15, e1008163.	4.7	20
17	A multi-omic analysis reveals the regulatory role of CD180 during the response of macrophages to <i>Borrelia burgdorferi</i> . <i>Emerging Microbes and Infections</i> , 2018, 7, 1-13.	6.5	9
18	Identification of a highly active tannase enzyme from the oral pathogen <i>Fusobacterium nucleatum</i> subsp. <i>polymorphum</i> . <i>Microbial Cell Factories</i> , 2018, 17, 33.	4.0	17

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19	CD8 T Cell Responses to an Immunodominant Epitope within the Nonstructural Protein NS1 Provide Wide Immunoprotection against Bluetongue Virus in IFNAR ^{+/+} Mice. <i>Journal of Virology</i> , 2018, 92, .	3.4	19
20	Microspheres-prime/rMVA-boost vaccination enhances humoral and cellular immune response in IFNAR ^{+/+} mice conferring protection against serotypes 1 and 4 of bluetongue virus. <i>Antiviral Research</i> , 2017, 142, 55-62.	4.1	13
21	The immunosuppressive effect of the tick protein, Salp15, is long-lasting and persists in a murine model of hematopoietic transplant. <i>Scientific Reports</i> , 2017, 7, 10740.	3.3	14
22	Defeating Bluetongue virus: new approaches in the development of multiserotype vaccines. <i>Future Virology</i> , 2016, 11, 535-548.	1.8	3