Diego Barriales

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5474514/publications.pdf

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22	259	840776 11	996975 15
papers	citations	h-index	g-index

22	22	22	403
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Uneven metabolic and lipidomic profiles in recovered COVIDâ€19 patients as investigated by plasma NMR metabolomics. NMR in Biomedicine, 2022, 35, e4637.	2.8	32
2	Mitochondrial bioenergetics boost macrophage activation, promoting liver regeneration in metabolically compromised animals. Hepatology, 2022, 75, 550-566.	7.3	25
3	Regulation of macrophage activity by surface receptors contained within Borrelia burgdorferi-enriched phagosomal fractions. PLoS Pathogens, 2019, 15, e1008163.	4.7	20
4	CD8 T Cell Responses to an Immunodominant Epitope within the Nonstructural Protein NS1 Provide Wide Immunoprotection against Bluetongue Virus in IFNAR ^{â^'/â^'} Mice. Journal of Virology, 2018, 92, .	3.4	19
5	Chemical synthesis and immunological evaluation of new generation multivalent anticancer vaccines based on a Tn antigen analogue. Chemical Science, 2020, 11, 4488-4498.	7.4	18
6	Identification of a highly active tannase enzyme from the oral pathogen Fusobacterium nucleatum subsp. polymorphum. Microbial Cell Factories, 2018, 17, 33.	4.0	17
7	The mitochondrial negative regulator MCJ modulates the interplay between microbiota and the host during ulcerative colitis. Scientific Reports, 2020, 10, 572.	3.3	17
8	Exploiting structureâ€“activity relationships of QS-21 in the design and synthesis of streamlined saponin vaccine adjuvants. Chemical Communications, 2020, 56, 719-722.	4.1	16
9	A combined transcriptomic approach to identify candidates for an anti-tick vaccine blocking B. afzelii transmission. Scientific Reports, 2020, 10, 20061.	3.3	15
10	The immunosuppressive effect of the tick protein, Salp15, is long-lasting and persists in a murine model of hematopoietic transplant. Scientific Reports, 2017, 7, 10740.	3.3	14
11	Microspheres-prime/rMVA-boost vaccination enhances humoral and cellular immune response in IFNAR(â^'/â^') mice conferring protection against serotypes 1 and 4 of bluetongue virus. Antiviral Research, 2017, 142, 55-62.	4.1	13
12	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. Vaccine, 2020, 38, 882-889.	3.8	11
13	A multi-omic analysis reveals the regulatory role of CD180 during the response of macrophages to Borrelia burgdorferi. Emerging Microbes and Infections, 2018, 7, 1-13.	6.5	9
14	The commensal bacterium Lactiplantibacillus plantarum imprints innate memory-like responses in mononuclear phagocytes. Gut Microbes, 2021, 13, 1939598.	9.8	8
15	Borrelia burgdorferi infection induces long-term memory-like responses in macrophages with tissue-wide consequences in the heart. PLoS Biology, 2021, 19, e3001062.	5.6	7
16	Probing an Ixodes ricinus salivary gland yeast surface display with tick-exposed human sera to identify novel candidates for an anti-tick vaccine. Scientific Reports, 2021, 11, 15745.	3.3	6
17	Oral vaccination stimulates neutrophil functionality and exerts protection in a Mycobacterium avium subsp. paratuberculosis infection model. Npj Vaccines, 2021, 6, 102.	6.0	4
18	Defeating Bluetongue virus: new approaches in the development of multiserotype vaccines. Future Virology, 2016, 11, 535-548.	1.8	3

#	Article	IF	Citations
19	A structurally unique Fusobacterium nucleatum tannase provides detoxicant activity against gallotannins and pathogen resistance. Microbial Biotechnology, 2020, , .	4.2	3
20	Mitochondrial complex I dysfunction alters the balance of soluble and membrane-bound TNF during chronic experimental colitis. Scientific Reports, 2022, 12, .	3.3	2
21	Identification and Characterization of Immunodominant Proteins from Tick Tissue Extracts Inducing a Protective Immune Response against Ixodes ricinus in Cattle. Vaccines, 2021, 9, 636.	4.4	0
22	A Catalogus Immune Muris of the mouse immune responses to diverse pathogens. Cell Death and Disease, 2021, 12, 798.	6.3	0