

Juan Anguita

List of Publications by Year in descending order

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144
papers

7,952
citations

43973

48
h-index

54797

84
g-index

145
all docs

145
docs citations

145
times ranked

9038
citing authors

#	ARTICLE	IF	CITATIONS
1	Interleukin (IL)-6 Directs the Differentiation of IL-4-producing CD4+ T Cells. <i>Journal of Experimental Medicine</i> , 1997, 185, 461-470.	4.2	754
2	The Lyme disease agent exploits a tick protein to infect the mammalian host. <i>Nature</i> , 2005, 436, 573-577.	13.7	441
3	Hyporesponsiveness to vaccination with <i>Borrelia burgdorferi</i> OspA in humans and in TLR1- and TLR2-deficient mice. <i>Nature Medicine</i> , 2002, 8, 878-884.	15.2	379
4	Inhibition of Th1 Differentiation by IL-6 Is Mediated by SOCS1. <i>Immunity</i> , 2000, 13, 805-815.	6.6	352
5	Salp15, an <i>Ixodes scapularis</i> Salivary Protein, Inhibits CD4+ T Cell Activation. <i>Immunity</i> , 2002, 16, 849-859.	6.6	224
6	Attachment of <i>Borrelia burgdorferi</i> within <i>Ixodes scapularis</i> mediated by outer surface protein A. <i>Journal of Clinical Investigation</i> , 2000, 106, 561-569.	3.9	215
7	Metabolomic Identification of Subtypes of Nonalcoholic Steatohepatitis. <i>Gastroenterology</i> , 2017, 152, 1449-1461.e7.	0.6	209
8	Induction of NFATc2 Expression by Interleukin 6 Promotes T Helper Type 2 Differentiation. <i>Journal of Experimental Medicine</i> , 2002, 196, 39-49.	4.2	179
9	mTORC1-dependent AMD1 regulation sustains polyamine metabolism in prostate cancer. <i>Nature</i> , 2017, 547, 109-113.	13.7	142
10	Coinfection with <i>Borrelia burgdorferi</i> and the Agent of Human Granulocytic Ehrlichiosis Alters Murine Immune Responses, Pathogen Burden, and Severity of Lyme Arthritis. <i>Infection and Immunity</i> , 2001, 69, 3359-3371.	1.0	141
11	Antibodies against a Tick Protein, Salp15, Protect Mice from the Lyme Disease Agent. <i>Cell Host and Microbe</i> , 2009, 6, 482-492.	5.1	139
12	p38 Mitogen-Activated Protein Kinase Controls NF- κ B Transcriptional Activation and Tumor Necrosis Factor Alpha Production through RelA Phosphorylation Mediated by Mitogen- and Stress-Activated Protein Kinase 1 in Response to <i>Borrelia burgdorferi</i> Antigens. <i>Infection and Immunity</i> , 2007, 75, 270-277.	1.0	131
13	Gut microbiome and serum metabolome analyses identify molecular biomarkers and altered glutamate metabolism in fibromyalgia. <i>EBioMedicine</i> , 2019, 46, 499-511.	2.7	128
14	Notch Signaling Regulates Mouse and Human Th17 Differentiation. <i>Journal of Immunology</i> , 2011, 187, 692-701.	0.4	122
15	Cutting Edge: CD4 Is the Receptor for the Tick Saliva Immunosuppressor, Salp15. <i>Journal of Immunology</i> , 2006, 177, 6579-6583.	0.4	111
16	Cutting Edge: Infection by the Agent of Human Granulocytic Ehrlichiosis Prevents the Respiratory Burst by Down-Regulating gp91 ^{phox} . <i>Journal of Immunology</i> , 2000, 164, 3946-3949.	0.4	101
17	Local Production of IFN- γ by Invariant NKT Cells Modulates Acute Lyme Carditis. <i>Journal of Immunology</i> , 2009, 182, 3728-3734.	0.4	99
18	Pathogenicity factors and virulence for rainbow trout (<i>Salmo gairdneri</i>) of motile <i>Aeromonas</i> spp. isolated from a river. <i>Journal of Clinical Microbiology</i> , 1990, 28, 350-355.	1.8	99

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19	Effect of anti-interleukin 12 treatment on murine lyme borreliosis.. Journal of Clinical Investigation, 1996, 97, 1028-1034.	3.9	95
20	Synthetic Mimics of Antimicrobial Peptides with Immunomodulatory Responses. Journal of the American Chemical Society, 2012, 134, 11088-11091.	6.6	94
21	MCJ/DnaJC15, an Endogenous Mitochondrial Repressor of the Respiratory Chain That Controls Metabolic Alterations. Molecular and Cellular Biology, 2013, 33, 2302-2314.	1.1	93
22	Influence of growth temperature on the production of extracellular virulence factors and pathogenicity of environmental and human strains of <i>Aeromonas hydrophila</i> . Journal of Applied Bacteriology, 1993, 74, 111-118.	1.1	91
23	Role of aramchol in steatohepatitis and fibrosis in mice. Hepatology Communications, 2017, 1, 911-927.	2.0	84
24	Molecular Characterization of the <i>Aeromonas hydrophila</i> <i>aroA</i> Gene and Potential Use of an Auxotrophic <i>aroA</i> Mutant as a Live Attenuated Vaccine. Infection and Immunity, 1998, 66, 1813-1821.	1.0	80
25	Counterattacking the tick bite: towards a rational design of anti-tick vaccines targeting pathogen transmission. Parasites and Vectors, 2019, 12, 229.	1.0	79
26	Phosphorylation of Nur77 by the MEK-ERK-RSK Cascade Induces Mitochondrial Translocation and Apoptosis in T Cells. Journal of Immunology, 2009, 183, 3268-3277.	0.4	78
27	The mitochondrial negative regulator MCJ is a therapeutic target for acetaminophen-induced liver injury. Nature Communications, 2017, 8, 2068.	5.8	77
28	Establishment of a Bluetongue Virus Infection Model in Mice that Are Deficient in the Alpha/Beta Interferon Receptor. PLoS ONE, 2009, 4, e5171.	1.1	76
29	Identification of <i>Aeromonas hydrophila</i> hybridization group 1 by PCR assays. Applied and Environmental Microbiology, 1996, 62, 1167-1170.	1.4	75
30	Exploitation of Interleukin-8-Induced Neutrophil Chemotaxis by the Agent of Human Granulocytic Ehrlichiosis. Infection and Immunity, 2001, 69, 5577-5588.	1.0	74
31	The <i>Mycobacterium tuberculosis</i> capsule: a cell structure with key implications in pathogenesis. Biochemical Journal, 2019, 476, 1995-2016.	1.7	74
32	Adult peripheral blood and umbilical cord blood NK cells are good sources for effective CAR therapy against CD19 positive leukemic cells. Scientific Reports, 2019, 9, 18729.	1.6	74
33	Enhanced control of <i>Mycobacterium tuberculosis</i> extrapulmonary dissemination in mice by an arabinomannan-protein conjugate vaccine. PLoS Pathogens, 2017, 13, e1006250.	2.1	74
34	<i>Borrelia burgdorferi</i> Gene Expression In Vivo and Spirochete Pathogenicity. Infection and Immunity, 2000, 68, 1222-1230.	1.0	73
35	Silencing hepatic MCJ attenuates non-alcoholic fatty liver disease (NAFLD) by increasing mitochondrial fatty acid oxidation. Nature Communications, 2020, 11, 3360.	5.8	73
36	<i>Borrelia burgdorferi</i> induces inflammatory mediator production by murine microglia. Journal of Neuroimmunology, 2002, 130, 22-31.	1.1	72

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37	Expression and localization of five members of the testis-specific serine kinase (Tssk) family in mouse and human sperm and testis. <i>Molecular Human Reproduction</i> , 2011, 17, 42-56.	1.3	68
38	Purification, gene cloning, amino acid sequence analysis, and expression of an extracellular lipase from an <i>Aeromonas hydrophila</i> human isolate. <i>Applied and Environmental Microbiology</i> , 1993, 59, 2411-2417.	1.4	67
39	<i>Staphylococcus aureus</i> - induced tumor necrosis factor - related apoptosis - inducing ligand expression mediates apoptosis and caspase-8 activation in infected osteoblasts. <i>BMC Microbiology</i> , 2003, 3, 5.	1.3	66
40	Adaptation of <i>Borrelia burgdorferi</i> in the tick and the mammalian host. <i>FEMS Microbiology Reviews</i> , 2003, 27, 493-504.	3.9	66
41	<i>Borrelia burgdorferi</i> and tick proteins supporting pathogen persistence in the vector. <i>Future Microbiology</i> , 2013, 8, 41-56.	1.0	65
42	CD14 cooperates with complement receptor 3 to mediate MyD88-independent phagocytosis of <i>Borrelia burgdorferi</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 1228-1232.	3.3	64
43	A Chromosomally Encoded Virulence Factor Protects the Lyme Disease Pathogen against Host-Adaptive Immunity. <i>PLoS Pathogens</i> , 2009, 5, e1000326.	2.1	62
44	PKC-sensitive Cl ⁻ channels associated with ciliary epithelial homologue of pICln. <i>American Journal of Physiology - Cell Physiology</i> , 1995, 268, C572-C579.	2.1	61
45	Fine-Tuning of CD8 + T Cell Mitochondrial Metabolism by the Respiratory Chain Repressor MCJ Dictates Protection to Influenza Virus. <i>Immunity</i> , 2016, 44, 1299-1311.	6.6	61
46	<i>Borrelia burgdorferi</i> "Infected, Interleukin "Deficient Mice Have Decreased Th2 Responses and Increased Lyme Arthritis. <i>Journal of Infectious Diseases</i> , 1998, 178, 1512-1515.	1.9	59
47	Molecular cloning and characterization of an extracellular protease gene from <i>Aeromonas hydrophila</i> . <i>Journal of Bacteriology</i> , 1990, 172, 3905-3908.	1.0	58
48	Substance P Augments <i>Borrelia burgdorferi</i> -Induced Prostaglandin E2 Production by Murine Microglia. <i>Journal of Immunology</i> , 2004, 172, 5707-5713.	0.4	53
49	Cross-Species Interferon Signaling Boosts Microbicidal Activity within the Tick Vector. <i>Cell Host and Microbe</i> , 2016, 20, 91-98.	5.1	52
50	<i>Borrelia burgdorferi</i> erpT expression in the arthropod vector and murine host. <i>Molecular Microbiology</i> , 1999, 31, 281-290.	1.2	48
51	T-cell signaling pathways inhibited by the tick saliva immunosuppressor, Salp15. <i>FEMS Immunology and Medical Microbiology</i> , 2007, 49, 433-438.	2.7	48
52	Multiserotype Protection Elicited by a Combinatorial Prime-Boost Vaccination Strategy against Bluetongue Virus. <i>PLoS ONE</i> , 2012, 7, e34735.	1.1	47
53	ANTIDotE: anti-tick vaccines to prevent tick-borne diseases in Europe. <i>Parasites and Vectors</i> , 2014, 7, 77.	1.0	47
54	Stratification and therapeutic potential of PML in metastatic breast cancer. <i>Nature Communications</i> , 2016, 7, 12595.	5.8	45

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55	Cloning and characterization of an extracellular temperature-labile serine protease gene from <i>Aeromonas hydrophila</i> . <i>FEMS Microbiology Letters</i> , 1991, 81, 1-7.	0.7	42
56	Molecular Cloning of the Human Volume-Sensitive Chloride Conductance Regulatory Protein, pICln, from Ocular Ciliary Epithelium. <i>Biochemical and Biophysical Research Communications</i> , 1995, 208, 89-95.	1.0	42
57	<i>Borrelia burgdorferi</i> -Induced Inflammation Facilitates Spirochete Adaptation and Variable Major Protein-Like Sequence Locus Recombination. <i>Journal of Immunology</i> , 2001, 167, 3383-3390.	0.4	41
58	Characterization of Unique Regions of <i>Borrelia burgdorferi</i> Surface-Located Membrane Protein 1. <i>Infection and Immunity</i> , 2010, 78, 4477-4487.	1.0	39
59	Bacterial tannases: classification and biochemical properties. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 603-623.	1.7	39
60	MiR-873-5p acts as an epigenetic regulator in early stages of liver fibrosis and cirrhosis. <i>Cell Death and Disease</i> , 2018, 9, 958.	2.7	38
61	Repurposing ciclopirox as a pharmacological chaperone in a model of congenital erythropoietic porphyria. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	38
62	<i>Ixodes scapularis</i> saliva components that elicit responses associated with acquired tick-resistance. <i>Ticks and Tick-borne Diseases</i> , 2020, 11, 101369.	1.1	37
63	miR-873-5p targets mitochondrial GNMT-Complex II interface contributing to non-alcoholic fatty liver disease. <i>Molecular Metabolism</i> , 2019, 29, 40-54.	3.0	35
64	Identification of Synthetic Host Defense Peptide Mimics That Exert Dual Antimicrobial and Anti-Inflammatory Activities. <i>Vaccine Journal</i> , 2012, 19, 1784-1791.	3.2	34
65	Histone deacetylase 4 promotes cholestatic liver injury in the absence of prohibitin-1. <i>Hepatology</i> , 2015, 62, 1237-1248.	3.6	34
66	Selective Anti-Inflammatory Action of Interleukin-1 in Murine Lyme Disease: Arthritis Decreases while Carditis Persists. <i>Journal of Infectious Diseases</i> , 1999, 179, 734-737.	1.9	33
67	IP3 Receptor-Mediated Ca ²⁺ Release in Naive CD4 T Cells Dictates Their Cytokine Program. <i>Journal of Immunology</i> , 2008, 181, 8315-8322.	0.4	32
68	Uneven metabolic and lipidomic profiles in recovered COVID-19 patients as investigated by plasma NMR metabolomics. <i>NMR in Biomedicine</i> , 2022, 35, e4637.	1.6	32
69	Antimycobacterial Effect of Selenium Nanoparticles on <i>Mycobacterium tuberculosis</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 800.	1.5	31
70	Ablation of interleukin-12 exacerbates Lyme arthritis in SCID mice. <i>Infection and Immunity</i> , 1997, 65, 4334-4336.	1.0	31
71	Granulocytic Ehrlichiosis in Mice Deficient in Phagocyte Oxidase or Inducible Nitric Oxide Synthase. <i>Infection and Immunity</i> , 2000, 68, 4361-4362.	1.0	30
72	<i>Borrelia burgdorferi</i> lipoprotein BmpA activates pro-inflammatory responses in human synovial cells through a protein moiety. <i>Microbes and Infection</i> , 2008, 10, 1300-1308.	1.0	30

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73	Conformational Rearrangement within the Soluble Domains of the CD4 Receptor Is Ligand-specific. <i>Journal of Biological Chemistry</i> , 2008, 283, 2761-2772.	1.6	30
74	Plasticity in early immune evasion strategies of a bacterial pathogen. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E3788-E3797.	3.3	29
75	Murine Lyme Arthritis Development Mediated by p38 Mitogen-Activated Protein Kinase Activity. <i>Journal of Immunology</i> , 2002, 168, 6352-6357.	0.4	28
76	The Tick Salivary Protein, Salp15, Inhibits the Development of Experimental Asthma. <i>Journal of Immunology</i> , 2007, 178, 7064-7071.	0.4	28
77	Impact of local traffic exclusion on near-road air quality: Findings from the New York City "Summer Streets" campaign. <i>Environmental Pollution</i> , 2011, 159, 2016-2027.	3.7	25
78	Mitochondrial bioenergetics boost macrophage activation, promoting liver regeneration in metabolically compromised animals. <i>Hepatology</i> , 2022, 75, 550-566.	3.6	25
79	c-Jun N-Terminal Kinase 1 Is Required for Toll-Like Receptor 1 Gene Expression in Macrophages. <i>Infection and Immunity</i> , 2007, 75, 5027-5034.	1.0	23
80	Mechanistic Insights into the Cholesterol-dependent Binding of Perfringolysin O-based Probes and Cell Membranes. <i>Scientific Reports</i> , 2017, 7, 13793.	1.6	23
81	Cyclooxygenase 2 activity modulates the severity of murine Lyme arthritis. <i>FEMS Immunology and Medical Microbiology</i> , 2002, 34, 187-191.	2.7	21
82	Ikaros mediates the DNA methylation-independent silencing of MCI/DNAJC15 gene expression in macrophages. <i>Scientific Reports</i> , 2015, 5, 14692.	1.6	21
83	Regulation of Oxidative Stress by Methylation-Controlled J Protein Controls Macrophage Responses to Inflammatory Insults. <i>Journal of Infectious Diseases</i> , 2015, 211, 135-145.	1.9	21
84	Preliminary Evaluation of Tick Protein Extracts and Recombinant Ferritin 2 as Anti-tick Vaccines Targeting <i>Ixodes ricinus</i> in Cattle. <i>Frontiers in Physiology</i> , 2018, 9, 1696.	1.3	21
85	The Immunosuppressive Tick Salivary Protein, Salp15. <i>Advances in Experimental Medicine and Biology</i> , 2009, 666, 121-131.	0.8	21
86	Cloning and characterization of an extracellular temperature-labile serine protease gene from <i>Aeromonas hydrophila</i> . <i>FEMS Microbiology Letters</i> , 1991, 81, 1-7.	0.7	21
87	Regulation of macrophage activity by surface receptors contained within <i>Borrelia burgdorferi</i> -enriched phagosomal fractions. <i>PLoS Pathogens</i> , 2019, 15, e1008163.	2.1	20
88	RFLP-PCR analysis of the <i>aroA</i> gene as a taxonomic tool for the genus <i>Aeromonas</i> . <i>FEMS Microbiology Letters</i> , 1997, 156, 199-204.	0.7	19
89	Dissociation of Infectivity and Pathogenicity in <i>Borrelia burgdorferi</i> . <i>Infection and Immunity</i> , 2001, 69, 3507-3509.	1.0	19
90	CD14 Targets Complement Receptor 3 to Lipid Rafts during Phagocytosis of <i>Borrelia burgdorferi</i> . <i>International Journal of Biological Sciences</i> , 2013, 9, 803-810.	2.6	19

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91	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, .	1.5	19
92	Mycobacterium tuberculosis extracellular vesicle-associated lipoprotein LpqH as a potential biomarker to distinguish paratuberculosis infection or vaccination from tuberculosis infection. <i>BMC Veterinary Research</i> , 2019, 15, 188.	0.7	18
93	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.	3.7	18
94	TRAIL expression is induced in both osteoblasts containing intracellular <i>Staphylococcus aureus</i> and uninfected osteoblasts in infected cultures. <i>FEMS Microbiology Letters</i> , 2008, 278, 185-192.	0.7	17
95	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.	1.9	17
96	The mitochondrial negative regulator MCJ modulates the interplay between microbiota and the host during ulcerative colitis. <i>Scientific Reports</i> , 2020, 10, 572.	1.6	17
97	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.	2.2	16
98	Lessons from <i>Bacillus Calmette-Guérin</i> : Harnessing Trained Immunity for Vaccine Development. <i>Cells</i> , 2020, 9, 2109.	1.8	16
99	Bovine Neutrophils Release Extracellular Traps and Cooperate With Macrophages in <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> clearance In Vitro. <i>Frontiers in Immunology</i> , 2021, 12, 645304.	2.2	16
100	Evidence that <i>Escherichia coli</i> isolated from the intestine of healthy pigs hybridize with LT-II, ST-Ib and SLT-II DNA probes. <i>Microbial Pathogenesis</i> , 1994, 16, 77-81.	1.3	15
101	Macrophage p38 Mitogen-Activated Protein Kinase Activity Regulates Invariant Natural Killer T-Cell Responses During <i>Borrelia burgdorferi</i> Infection. <i>Journal of Infectious Diseases</i> , 2012, 206, 283-291.	1.9	15
102	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.	1.6	15
103	B7-1 and B7-2 monoclonal antibodies modulate the severity of murine Lyme arthritis. <i>Infection and Immunity</i> , 1997, 65, 3037-3041.	1.0	15
104	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.	1.6	14
105	Mesoporous Silica Nanoparticles as a Potential Platform for Vaccine Development against Tuberculosis. <i>Pharmaceutics</i> , 2020, 12, 1218.	2.0	14
106	Distinct bacterial dissemination and disease outcome in mice subcutaneously infected with <i>Borrelia burgdorferi</i> in the midline of the back and the footpad. <i>FEMS Immunology and Medical Microbiology</i> , 2005, 45, 279-284.	2.7	12
107	Control of <i>Borrelia burgdorferi</i> -Specific CD4 ⁺ T-Cell Effector Function by Interleukin-12- and T-Cell Receptor-Induced p38 Mitogen-Activated Protein Kinase Activity. <i>Infection and Immunity</i> , 2006, 74, 5713-5717.	1.0	12
108	Characterization of a Chikungunya virus strain isolated from banked patients' sera. <i>Virology Journal</i> , 2016, 13, 150.	1.4	12

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109	The tick saliva immunosuppressor, Salp15, contributes to Th17-induced pathology during Experimental Autoimmune Encephalomyelitis. <i>Biochemical and Biophysical Research Communications</i> , 2010, 402, 105-109.	1.0	11
110	The Ixodes scapularis salivary protein, salp15, prevents the association of HIV-1 gp120 and CD4. <i>Biochemical and Biophysical Research Communications</i> , 2008, 367, 41-46.	1.0	10
111	Replacing the Rhamnose-Xylose Moiety of QS21 with Simpler Terminal Disaccharide Units Attenuates Adjuvant Activity in Truncated Saponin Variants. <i>Chemistry - A European Journal</i> , 2021, 27, 4731-4737.	1.7	10
112	Anti-miR-518d-5p overcomes liver tumor cell death resistance through mitochondrial activity. <i>Cell Death and Disease</i> , 2021, 12, 555.	2.7	10
113	Binding of Full-Length HIV-1 gp120 to CD4 Induces Structural Reorientation around the gp120 Core. <i>Biophysical Journal</i> , 2006, 91, L69-L71.	0.2	9
114	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.	3.0	9
115	Fas Ligand Deficiency Impairs Host Inflammatory Response against Infection with the Spirochete <i>Borrelia burgdorferi</i> . <i>Infection and Immunity</i> , 2006, 74, 1156-1160.	1.0	8
116	Serum C3 Enhances Complement Receptor 3-Mediated Phagocytosis of <i>Borrelia burgdorferi</i> . <i>International Journal of Biological Sciences</i> , 2015, 11, 1269-1271.	2.6	8
117	Microglial immune response is impaired against the neurotropic fungus <i>Lomentospora prolificans</i> . <i>Cellular Microbiology</i> , 2018, 20, e12847.	1.1	8
118	The commensal bacterium <i>Lactiplantibacillus plantarum</i> imprints innate memory-like responses in mononuclear phagocytes. <i>Gut Microbes</i> , 2021, 13, 1939598.	4.3	8
119	Peripheral blood mononuclear cells (PBMC) microbiome is not affected by colon microbiota in healthy goats. <i>Animal Microbiome</i> , 2021, 3, 28.	1.5	8
120	Cell-attached patch clamping of the intact rabbit ciliary epithelium. <i>Current Eye Research</i> , 1996, 15, 193-201.	0.7	7
121	<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.	2.6	7
122	Delivery of the Immunosuppressive Antigen Salp15 to Antigen-Presenting Cells by <i>Salmonella enterica</i> Serovar Typhimurium aroA Mutants. <i>Infection and Immunity</i> , 2004, 72, 3638-3642.	1.0	6
123	Probing an Ixodes ricinus 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.	1.6	6
124	BpOmpW Antigen Stimulates the Necessary Protective T-Cell Responses Against Melioidosis. <i>Frontiers in Immunology</i> , 2021, 12, 767359.	2.2	6
125	Boosting mitochondria activity by silencing MCJ overcomes cholestasis-induced liver injury. <i>JHEP Reports</i> , 2021, 3, 100276.	2.6	5
126	<i>Aspergillus fumigatus</i> Fumagillin Contributes to Host Cell Damage. <i>Journal of Fungi (Basel)</i> , 2021, 7, 1000000.	1.5	5

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127	Novel Oxime-Derivatized Synthetic Triterpene Glycosides as Potent Saponin Vaccine Adjuvants. <i>Frontiers in Immunology</i> , 2022, 13, .	2.2	5
128	Passage through <i>Ixodes scapularis</i> Ticks Enhances the Virulence of a Weakly Pathogenic Isolate of <i>Borrelia burgdorferi</i> . <i>Infection and Immunity</i> , 2010, 78, 138-144.	1.0	4
129	Editorial: Macrophage Metabolism and Immune Responses. <i>Frontiers in Immunology</i> , 2020, 11, 1078.	2.2	4
130	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.	2.9	4
131	Cloning and expression in <i>Escherichia coli</i> of tryptophan genes from <i>Streptomyces griseus</i> IMRU 3570. <i>FEMS Microbiology Letters</i> , 1990, 68, 201-205.	0.7	4
132	A structurally unique <i>Fusobacterium nucleatum</i> tannase provides detoxicant activity against gallotannins and pathogen resistance. <i>Microbial Biotechnology</i> , 2020, , .	2.0	3
133	Resazurin-based high-throughput screening method for the discovery of dietary phytochemicals to target microbial transformation of L-carnitine into trimethylamine, a gut metabolite associated with cardiovascular disease. <i>Food and Function</i> , 2022, 13, 5640-5653.	2.1	3
134	Quantum DNA Sequencing: A Peek Into a Dystopic Future?. <i>BioEssays</i> , 2018, 40, 1700248.	1.2	2
135	Host defenses to spirochetes. , 2013, , 338-345.		2
136	Molecular Cloning of the Tryptophan Operon from an <i>Aeromonas hydrophila</i> Freshwater Isolate. <i>Applied and Environmental Microbiology</i> , 1992, 58, 1031-1034.	1.4	2
137	Mitochondrial complex I dysfunction alters the balance of soluble and membrane-bound TNF during chronic experimental colitis. <i>Scientific Reports</i> , 2022, 12, .	1.6	2
138	Phagocytosis Assays for <i>Borrelia burgdorferi</i> . <i>Methods in Molecular Biology</i> , 2018, 1690, 301-312.	0.4	1
139	Generation, establishment and characterization of a pluripotent stem cell line (CVTTHi001-A) from primary fibroblasts isolated from a patient with activated PI3 kinase delta syndrome (APDS2). <i>Stem Cell Research</i> , 2020, 49, 102082.	0.3	1
140	Structural Analysis of the Black-Legged Tick Saliva Protein Salp15. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3134.	1.8	1
141	Immune responses to spirochetes. , 2008, , 411-420.		0
142	Host Defenses to Spirochetes. , 2019, , 403-411.e1.		0
143	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.	2.1	0
144	A Catalogus Immune Muris of the mouse immune responses to diverse pathogens. <i>Cell Death and Disease</i> , 2021, 12, 798.	2.7	0