

Ilhem Messaoudi

List of Publications by Year in descending order

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Version: 2024-02-01

97
papers

3,577
citations

159585

30
h-index

161849

54
g-index

109
all docs

109
docs citations

109
times ranked

5440
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct Link Between mhc Polymorphism, T Cell Avidity, and Diversity in Immune Defense. <i>Science</i> , 2002, 298, 1797-1800.	12.6	304
2	Age-related CD8 T Cell Clonal Expansions Constrict CD8 T Cell Repertoire and Have the Potential to Impair Immune Defense. <i>Journal of Experimental Medicine</i> , 2004, 200, 1347-1358.	8.5	229
3	Delay of T cell senescence by caloric restriction in aged long-lived nonhuman primates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 19448-19453.	7.1	217
4	Filovirus pathogenesis and immune evasion: insights from Ebola virus and Marburg virus. <i>Nature Reviews Microbiology</i> , 2015, 13, 663-676.	28.6	199
5	Opposing effects of alcohol on the immune system. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016, 65, 242-251.	4.8	152
6	Nonhuman Primate Models of Human Immunology. <i>Antioxidants and Redox Signaling</i> , 2011, 14, 261-273.	5.4	133
7	Simian Varicella Virus Infection of Rhesus Macaques Recapitulates Essential Features of Varicella Zoster Virus Infection in Humans. <i>PLoS Pathogens</i> , 2009, 5, e1000657.	4.7	95
8	Chikungunya Virus Infection Results in Higher and Persistent Viral Replication in Aged Rhesus Macaques Due to Defects in Anti-Viral Immunity. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2343.	3.0	95
9	CD4 T Cell Immunity Is Critical for the Control of Simian Varicella Virus Infection in a Nonhuman Primate Model of VZV Infection. <i>PLoS Pathogens</i> , 2011, 7, e1002367.	4.7	75
10	Differential Regulation of Interferon Responses by Ebola and Marburg Virus VP35 Proteins. <i>Cell Reports</i> , 2016, 14, 1632-1640.	6.4	75
11	Inflammatory Determinants of Pregravid Obesity in Placenta and Peripheral Blood. <i>Frontiers in Physiology</i> , 2018, 9, 1089.	2.8	68
12	Impact of Alcohol Abuse on the Adaptive Immune System. , 2015, 37, 185-97.		68
13	Chikungunya Viruses That Escape Monoclonal Antibody Therapy Are Clinically Attenuated, Stable, and Not Purified in Mosquitoes. <i>Journal of Virology</i> , 2014, 88, 8213-8226.	3.4	67
14	Maternal Pregravid Obesity Remodels the DNA Methylation Landscape of Cord Blood Monocytes Disrupting Their Inflammatory Program. <i>Journal of Immunology</i> , 2017, 199, 2729-2744.	0.8	55
15	Pathophysiologic and Transcriptomic Analyses of Viscerotropic Yellow Fever in a Rhesus Macaque Model. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3295.	3.0	54
16	Cytomegalovirus-based vaccine expressing Ebola virus glycoprotein protects nonhuman primates from Ebola virus infection. <i>Scientific Reports</i> , 2016, 6, 21674.	3.3	54
17	Single-cell profiling of T and B cell repertoires following SARS-CoV-2 mRNA vaccine. <i>JCI Insight</i> , 2021, 6, .	5.0	54
18	Optimal window of caloric restriction onset limits its beneficial impact on T cell senescence in primates. <i>Aging Cell</i> , 2008, 7, 908-919.	6.7	53

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19	The impact of maternal obesity during pregnancy on offspring immunity. <i>Molecular and Cellular Endocrinology</i> , 2015, 418, 134-142.	3.2	53
20	A cytomegalovirus-based vaccine provides long-lasting protection against lethal Ebola virus challenge after a single dose. <i>Vaccine</i> , 2015, 33, 2261-2266.	3.8	53
21	CD103+ CD8 T Cells in the Toxoplasma-Infected Brain Exhibit a Tissue-Resident Memory Transcriptional Profile. <i>Frontiers in Immunology</i> , 2017, 8, 335.	4.8	50
22	Allogeneic iPSC-Derived RPE Cell Graft Failure Following Transplantation Into the Subretinal Space in Nonhuman Primates. , 2018, 59, 1374.		50
23	Transcriptome Analysis of Circulating Immune Cell Subsets Highlight the Role of Monocytes in Zaire Ebola Virus Makona Pathogenesis. <i>Frontiers in Immunology</i> , 2017, 8, 1372.	4.8	49
24	Molecular, Cellular, and Antigen Requirements for Development of Age-Associated T Cell Clonal Expansions In Vivo. <i>Journal of Immunology</i> , 2006, 176, 301-308.	0.8	48
25	Dose-dependent effects of chronic alcohol drinking on peripheral immune responses. <i>Scientific Reports</i> , 2019, 9, 7847.	3.3	45
26	Age-Related CD8+ T Cell Clonal Expansions Express Elevated Levels of CD122 and CD127 and Display Defects in Perceiving Homeostatic Signals. <i>Journal of Immunology</i> , 2006, 177, 2784-2792.	0.8	44
27	Concurrent gut transcriptome and microbiota profiling following chronic ethanol consumption in nonhuman primates. <i>Gut Microbes</i> , 2018, 9, 1-19.	9.8	41
28	Maturation of the infant rhesus macaque gut microbiome and its role in the development of diarrheal disease. <i>Genome Biology</i> , 2019, 20, 173.	8.8	40
29	Acute SARS-CoV-2 infection is associated with an increased abundance of bacterial pathogens, including <i>Pseudomonas aeruginosa</i> in the nose. <i>Cell Reports</i> , 2021, 36, 109637.	6.4	39
30	Protection Against Marburg Virus Using a Recombinant VSV-Vaccine Depends on T and B Cell Activation. <i>Frontiers in Immunology</i> , 2018, 9, 3071.	4.8	38
31	Impact of Estrogen Therapy on Lymphocyte Homeostasis and the Response to Seasonal Influenza Vaccine in Post-Menopausal Women. <i>PLoS ONE</i> , 2016, 11, e0149045.	2.5	37
32	Nonhuman Primate Models of Chikungunya Virus Infection and Disease (CHIKV NHP Model). <i>Pathogens</i> , 2015, 4, 662-681.	2.8	35
33	Transcriptome Profiling Reveals Disruption of Innate Immunity in Chronic Heavy Ethanol Consuming Female Rhesus Macaques. <i>PLoS ONE</i> , 2016, 11, e0159295.	2.5	35
34	Infection with the Makona variant results in a delayed and distinct host immune response compared to previous Ebola virus variants. <i>Scientific Reports</i> , 2017, 7, 9730.	3.3	35
35	Antiviral Innate Responses Induced by VSV-EBOV Vaccination Contribute to Rapid Protection. <i>MBio</i> , 2019, 10, .	4.1	33
36	Single Dose of a VSV-Based Vaccine Rapidly Protects Macaques From Marburg Virus Disease. <i>Frontiers in Immunology</i> , 2021, 12, 774026.	4.8	32

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37	Transcriptomic analysis reveals a previously unknown role for CD8+ T-cells in rVSV-EBOV mediated protection. <i>Scientific Reports</i> , 2017, 7, 919.	3.3	31
38	Current In Vivo Models of Varicella-Zoster Virus Neurotropism. <i>Viruses</i> , 2019, 11, 502.	3.3	31
39	Monocytes and macrophages in pregnancy: The good, the bad, and the ugly*. <i>Immunological Reviews</i> , 2022, 308, 77-92.	6.0	28
40	Pathogenic and transcriptomic differences of emerging SARS-CoV-2 variants in the Syrian golden hamster model. <i>EBioMedicine</i> , 2021, 73, 103675.	6.1	26
41	Alcohol Consumption Modulates Host Defense in Rhesus Macaques by Altering Gene Expression in Circulating Leukocytes. <i>Journal of Immunology</i> , 2016, 196, 182-195.	0.8	25
42	Impact of pregravid obesity on maternal and fetal immunity: Fertile grounds for reprogramming. <i>Journal of Leukocyte Biology</i> , 2019, 106, 1035-1050.	3.3	25
43	Multigenic DNA vaccine induces protective cross-reactive T cell responses against heterologous influenza virus in nonhuman primates. <i>PLoS ONE</i> , 2017, 12, e0189780.	2.5	23
44	Immunological features underlying viral hemorrhagic fevers. <i>Current Opinion in Immunology</i> , 2015, 36, 38-46.	5.5	22
45	A VP35 Mutant Ebola Virus Lacks Virulence but Can Elicit Protective Immunity to Wild-Type Virus Challenge. <i>Cell Reports</i> , 2019, 28, 3032-3046.e6.	6.4	22
46	Importance of sex and trauma context on circulating cytokines and amygdalar GABAergic signaling in a comorbid model of posttraumatic stress and alcohol use disorders. <i>Molecular Psychiatry</i> , 2021, 26, 3093-3107.	7.9	22
47	Immune correlates of postexposure vaccine protection against Marburg virus. <i>Scientific Reports</i> , 2020, 10, 3071.	3.3	22
48	Altered Immunity and Microbial Dysbiosis in Aged Individuals With Long-Term Controlled HIV Infection. <i>Frontiers in Immunology</i> , 2019, 10, 463.	4.8	20
49	Growth faltering regardless of chronic diarrhea is associated with mucosal immune dysfunction and microbial dysbiosis in the gut lumen. <i>Mucosal Immunology</i> , 2021, 14, 1113-1126.	6.0	20
50	Acute Simian Varicella Virus Infection Causes Robust and Sustained Changes in Gene Expression in the Sensory Ganglia. <i>Journal of Virology</i> , 2016, 90, 10823-10843.	3.4	19
51	Varicella Virus-Host Interactions During Latency and Reactivation: Lessons From Simian Varicella Virus. <i>Frontiers in Microbiology</i> , 2018, 9, 3170.	3.5	19
52	Intrabronchial Infection of Rhesus Macaques with Simian Varicella Virus Results in a Robust Immune Response in the Lungs. <i>Journal of Virology</i> , 2014, 88, 12777-12792.	3.4	18
53	Rapid Protection from COVID-19 in Nonhuman Primates Vaccinated Intramuscularly but Not Intranasally with a Single Dose of a Vesicular Stomatitis Virus-Based Vaccine. <i>MBio</i> , 2022, 13, e0337921.	4.1	18
54	Chronic heavy drinking drives distinct transcriptional and epigenetic changes in splenic macrophages. <i>EBioMedicine</i> , 2019, 43, 594-606.	6.1	17

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55	The Rhesus Rhadinovirus CD200 Homologue Affects Immune Responses and Viral Loads during <i>In Vivo</i> Infection. <i>Journal of Virology</i> , 2014, 88, 10635-10654.	3.4	15
56	Androgen supplementation improves some but not all aspects of immune senescence in aged male macaques. <i>GeroScience</i> , 2017, 39, 373-384.	4.6	15
57	Henipavirus W Proteins Interact with 14-3-3 To Modulate Host Gene Expression. <i>Journal of Virology</i> , 2020, 94, .	3.4	15
58	Longitudinal Profiling of the Macaque Vaginal Microbiome Reveals Similarities to Diverse Human Vaginal Communities. <i>MSystems</i> , 2021, 6, .	3.8	15
59	Functional and genomic adaptations of blood monocytes to pregravid obesity during pregnancy. <i>IScience</i> , 2021, 24, 102690.	4.1	15
60	Phenotypic and Epigenetic Adaptations of Cord Blood CD4+ T Cells to Maternal Obesity. <i>Frontiers in Immunology</i> , 2021, 12, 617592.	4.8	13
61	<i>Toxoplasma gondii</i> Dysregulates Barrier Function and Mechanotransduction Signaling in Human Endothelial Cells. <i>MSphere</i> , 2020, 5, .	2.9	13
62	Age and Immune Status of Rhesus Macaques Impact Simian Varicella Virus Gene Expression in Sensory Ganglia. <i>Journal of Virology</i> , 2013, 87, 8294-8306.	3.4	12
63	Could moderate alcohol intake be recommended to improve vaccine responses?. <i>Expert Review of Vaccines</i> , 2014, 13, 817-819.	4.4	12
64	Abortive Intra bronchial Infection of Rhesus Macaques with Varicella-Zoster Virus Provides Partial Protection against Simian Varicella Virus Challenge. <i>Journal of Virology</i> , 2015, 89, 1781-1793.	3.4	12
65	To B or Not to B: Mechanisms of Protection Conferred by rVSV-EBOV-GP and the Roles of Innate and Adaptive Immunity. <i>Microorganisms</i> , 2020, 8, 1473.	3.6	12
66	<i>Toxoplasma gondii</i> Extends the Life Span of Infected Human Neutrophils by Inducing Cytosolic PCNA and Blocking Activation of Apoptotic Caspases. <i>MBio</i> , 2021, 12, .	4.1	12
67	Vaccine-Induced Skewing of T Cell Responses Protects Against Chikungunya Virus Disease. <i>Frontiers in Immunology</i> , 2019, 10, 2563.	4.8	11
68	Transcriptional, Epigenetic, and Functional Reprogramming of Monocytes From Non-Human Primates Following Chronic Alcohol Drinking. <i>Frontiers in Immunology</i> , 2021, 12, 724015.	4.8	11
69	Maternal Western diet exposure increases periportal fibrosis beginning in utero in nonhuman primate offspring. <i>JCI Insight</i> , 2021, 6, .	5.0	11
70	Vaccine-mediated protection against <i>Campylobacter</i> -associated enteric disease. <i>Science Advances</i> , 2020, 6, eaba4511.	10.3	10
71	Sex and context differences in the effects of trauma on comorbid alcohol use and post-traumatic stress phenotypes in actively drinking rats. <i>Journal of Neuroscience Research</i> , 2021, 99, 3354-3372.	2.9	10
72	Differential dynamics of peripheral immune responses to acute SARS-CoV-2 infection in older adults. <i>Nature Aging</i> , 2021, 1, 1038-1052.	11.6	10

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73	Genomic and functional analysis of the host response to acute simian varicella infection in the lung. <i>Scientific Reports</i> , 2016, 6, 34164.	3.3	9
74	Obesity Correlates With Pronounced Aberrant Innate Immune Responses in Hospitalized Aged COVID-19 Patients. <i>Frontiers in Immunology</i> , 2021, 12, 760288.	4.8	9
75	Early Transcriptional Changes within Liver, Adrenal Gland, and Lymphoid Tissues Significantly Contribute to Ebola Virus Pathogenesis in <i>Cynomolgus</i> Macaques. <i>Journal of Virology</i> , 2020, 94, .	3.4	8
76	Changes in Circulating B Cell Subsets Associated with Aging and Acute SIV Infection in Rhesus Macaques. <i>PLoS ONE</i> , 2017, 12, e0170154.	2.5	8
77	Robust gene expression changes in the ganglia following subclinical reactivation in rhesus macaques infected with simian varicella virus. <i>Journal of NeuroVirology</i> , 2017, 23, 520-538.	2.1	7
78	Flow Cytometry-Based Methods to Characterize Immune Senescence in Nonhuman Primates. <i>Methods in Molecular Biology</i> , 2015, 1343, 65-80.	0.9	7
79	Therapeutic vaccination strategies against EBOV by rVSV-EBOV-GP: the role of innate immunity. <i>Current Opinion in Virology</i> , 2021, 51, 179-189.	5.4	7
80	Ethanol Consumption Induces Nonspecific Inflammation and Functional Defects in Alveolar Macrophages. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2022, 67, 112-124.	2.9	7
81	Simian varicella virus causes robust transcriptional changes in T cells that support viral replication. <i>Virus Research</i> , 2017, 238, 226-235.	2.2	6
82	Insights into the Pathogenesis of Varicella Viruses. <i>Current Clinical Microbiology Reports</i> , 2019, 6, 156-165.	3.4	6
83	Chronic ethanol consumption alters lamina propria leukocyte response to stimulation in a region-dependent manner. <i>FASEB Journal</i> , 2019, 33, 7767-7777.	0.5	6
84	Distinct transcriptional responses to fatal Ebola virus infection in cynomolgus and rhesus macaques suggest species-specific immune responses. <i>Emerging Microbes and Infections</i> , 2021, 10, 1320-1330.	6.5	6
85	Roles of antiviral sensing and type I interferon signaling in the restriction of SARS-CoV-2 replication. <i>IScience</i> , 2021, , 103553.	4.1	5
86	Reduced infant rhesus macaque growth rates due to environmental enteric dysfunction and association with histopathology in the large intestine. <i>Nature Communications</i> , 2022, 13, 234.	12.8	5
87	Profiling of extracellular vesicle-bound miRNA to identify candidate biomarkers of chronic alcohol drinking in nonhuman primates. <i>Alcoholism: Clinical and Experimental Research</i> , 2022, 46, 221-231.	2.4	5
88	Short-Term Caloric Restriction Attenuates Obesity-Induced Pro-inflammatory Response in Male Rhesus Macaques. <i>Nutrients</i> , 2020, 12, 511.	4.1	4
89	Corticosteroid treatment in COVID-19 modulates host inflammatory responses and transcriptional signatures of immune dysregulation. <i>Journal of Leukocyte Biology</i> , 2021, 110, 1225-1239.	3.3	4
90	The architecture of the simian varicella virus transcriptome. <i>PLoS Pathogens</i> , 2021, 17, e1010084.	4.7	4

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91	Unique molecular signatures of antiviral memory CD8+ T cells associated with asymptomatic recurrent ocular herpes. <i>Scientific Reports</i> , 2020, 10, 13843.	3.3	3
92	Transcriptional Analysis of Infection With Early or Late Isolates From the 2013â€“2016 West Africa Ebola Virus Epidemic Does Not Suggest Attenuated Pathogenicity as a Result of Genetic Variation. <i>Frontiers in Microbiology</i> , 2021, 12, 714817.	3.5	3
93	Taxonomic and Functional Shifts in the Perinatal Gut Microbiome of Rhesus Macaques. <i>Microbiology Spectrum</i> , 2022, 10, .	3.0	3
94	Transcriptional Analysis of Lymphoid Tissues from Infected Nonhuman Primates Reveals the Basis for Attenuation and Immunogenicity of an Ebola Virus Encoding a Mutant VP35 Protein. <i>Journal of Virology</i> , 2021, 95, .	3.4	2
95	CX3CR1â€“Expressing Myeloid Cells Regulate Hostâ€“Helminth Interaction and Lung Inflammation. <i>Advanced Biology</i> , 2022, , 2101078.	2.5	2
96	Chronic Heavy Drinking Drives Distinct Transcriptional and Epigenetic Changes in Splenic Macrophages. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
97	Simian Varicella Virus: Molecular Virology and Mechanisms of Pathogenesis. <i>Current Topics in Microbiology and Immunology</i> , 2021, , .	1.1	0