

# Nahed Ismail

## List of Publications by Year in descending order

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67  
papers

3,586  
citations

172457

29  
h-index

138484

58  
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67  
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67  
docs citations

67  
times ranked

3866  
citing authors

#	ARTICLE	IF	CITATIONS
1	Developing RT-LAMP assays for rapid diagnosis of SARS-CoV-2 in saliva. <i>EBioMedicine</i> , 2022, 75, 103736.	6.1	61
2	Antimicrobial Random Peptide Mixtures Eradicate <i>Acinetobacter baumannii</i> Biofilms and Inhibit Mouse Models of Infection. <i>Antibiotics</i> , 2022, 11, 413.	3.7	8
3	Protective Immunity and Immunopathology in Ehrlichiosis. <i>Zoonoses</i> , 2022, 2, .	1.1	5
4	Interferon Type I Regulates Inflammasome Activation and High Mobility Group Box 1 Translocation in Hepatocytes During Ehrlichia-Induced Acute Liver Injury. <i>Hepatology Communications</i> , 2021, 5, 33-51.	4.3	13
5	Mesenchymal stem cell therapy ameliorates metabolic dysfunction and restores fertility in a PCOS mouse model through interleukin-10. <i>Stem Cell Research and Therapy</i> , 2021, 12, 388.	5.5	27
6	Label-free SARS-CoV-2 detection and classification using phase imaging with computational specificity. <i>Light: Science and Applications</i> , 2021, 10, 176.	16.6	37
7	Implementation of permeation rules leads to a FabI inhibitor with activity against Gram-negative pathogens. <i>Nature Microbiology</i> , 2020, 5, 67-75.	13.3	87
8	Introduction of Somatic Mutation in MED12 Induces Wnt4/ $\beta$ 2-Catenin and Disrupts Autophagy in Human Uterine Myometrial Cell. <i>Reproductive Sciences</i> , 2020, 27, 823-832.	2.5	35
9	M1 and M2 Macrophages Polarization via mTORC1 Influences Innate Immunity and Outcome of Ehrlichia Infection. , 2020, 2, 108-115.		12
10	Liver Is a Generative Site for the B Cell Response to <i>Ehrlichia muris</i> . <i>Immunity</i> , 2019, 51, 1088-1101.e5.	14.3	33
11	mTORC1-mediated polarization of M1 macrophages and their accumulation in the liver correlate with immunopathology in fatal ehrlichiosis. <i>Scientific Reports</i> , 2019, 9, 14050.	3.3	36
12	Emerging Roles of Autophagy and Inflammasome in Ehrlichiosis. <i>Frontiers in Immunology</i> , 2019, 10, 1011.	4.8	15
13	PDL-1 Blockade Prevents T Cell Exhaustion, Inhibits Autophagy, and Promotes Clearance of <i>Leishmania donovani</i> . <i>Infection and Immunity</i> , 2018, 86, .	2.2	43
14	Human Mesenchymal Stem Cells Partially Reverse Infertility in Chemotherapy-Induced Ovarian Failure. <i>Reproductive Sciences</i> , 2018, 25, 51-63.	2.5	98
15	Diet-induced vitamin D deficiency triggers inflammation and DNA damage profile in murine myometrium. <i>International Journal of Women's Health</i> , 2018, Volume 10, 503-514.	2.6	27
16	Herpes Simplex Virus-1 qPCR in the Diagnosis of Lower Respiratory Tract Infections in Organ Transplant Recipients and Critically Ill Patients. <i>American Journal of Clinical Pathology</i> , 2018, 150, 522-532.	0.7	4
17	Bi-directional Macrophage-Fibroblast Crosstalk Directs Wound Resolution Factors. <i>FASEB Journal</i> , 2018, 32, 414.2.	0.5	1
18	Type-I interferon-mediated Akt/mTORC2 signaling regulates autophagy and inflammasome activation in mouse liver injury/sepsis model. <i>FASEB Journal</i> , 2018, 32, 41.7.	0.5	0

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19	Regulation of HMGB1 in Hepatocytes by MyD88 and Type I interferon (IFN $\alpha$ ) During Ehrlichia-induced acute liver injury.. FASEB Journal, 2018, 32, 406.10.	0.5	0
20	Tick-Borne Emerging Infections. Clinics in Laboratory Medicine, 2017, 37, 317-340.	1.4	147
21	Defective expression of ATG4D abrogates autophagy and promotes growth in human uterine fibroids. Cell Death Discovery, 2017, 3, 17041.	4.7	24
22	Uterine Fibroids: Bridging Genomic Defects and Chronic Inflammation. Seminars in Reproductive Medicine, 2017, 35, 494-498.	1.1	16
23	MyD88-dependent inflammasome activation and autophagy inhibition contributes to Ehrlichia-induced liver injury and toxic shock. PLoS Pathogens, 2017, 13, e1006644.	4.7	38
24	Rickettsia australis Activates Inflammasome in Human and Murine Macrophages. PLoS ONE, 2016, 11, e0157231.	2.5	44
25	Identification of Polycomb Group Protein EZH2-Mediated DNA Mismatch Repair Gene MSH2 in Human Uterine Fibroids. Reproductive Sciences, 2016, 23, 1314-1325.	2.5	13
26	Targeted Adenoviral Vector Demonstrates Enhanced Efficacy for In Vivo Gene Therapy of Uterine Leiomyoma. Reproductive Sciences, 2016, 23, 464-474.	2.5	12
27	The Polycomb Group Protein EZH2 Impairs DNA Damage Repair Gene Expression in Human Uterine Fibroids1. Biology of Reproduction, 2016, 94, 69.	2.7	31
28	NK Cell-Mediated Regulation of Protective Memory Responses against Intracellular Ehrlichial Pathogens. PLoS ONE, 2016, 11, e0153223.	2.5	29
29	The Verification of Nucleic Acid Amplification Testing (Gen-Probe Aptima Assay) for Chlamydia trachomatis from Ocular Samples. Ophthalmology, 2015, 122, 244-247.	5.2	12
30	Type I Interferon Contributes to Noncanonical Inflammasome Activation, Mediates Immunopathology, and Impairs Protective Immunity during Fatal Infection with Lipopolysaccharide-Negative Ehrlichiae. American Journal of Pathology, 2015, 185, 446-461.	3.8	34
31	Vitamin D regulates contractile profile in human uterine myometrial cells via NF- $\kappa$ B pathway. American Journal of Obstetrics and Gynecology, 2014, 210, 347.e1-347.e10.	1.3	31
32	Neutrophils Mediate Immunopathology and Negatively Regulate Protective Immune Responses during Fatal Bacterial Infection-Induced Toxic Shock. Infection and Immunity, 2013, 81, 1751-1763.	2.2	43
33	TLR2 and Nod2 Mediate Resistance or Susceptibility to Fatal Intracellular Ehrlichia Infection in Murine Models of Ehrlichiosis. PLoS ONE, 2013, 8, e58514.	2.5	28
34	Cancer and infection: friends or foes?. Future Oncology, 2012, 8, 1061-1064.	2.4	2
35	Contribution of NK Cells to the Innate Phase of Host Protection Against an Intracellular Bacterium Targeting Systemic Endothelium. American Journal of Pathology, 2012, 181, 185-195.	3.8	30
36	Immune Mediators of protective and pathogenic immune responses in patients with mild and fatal human monocytotropic ehrlichiosis. BMC Immunology, 2012, 13, 26.	2.2	16

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37	Immunization with Ehrlichia P28 Outer Membrane Proteins Confers Protection in a Mouse Model of Ehrlichiosis. <i>Vaccine Journal</i> , 2011, 18, 2018-2025.	3.1	25
38	The Interaction between IL-18 and IL-18 Receptor Limits the Magnitude of Protective Immunity and Enhances Pathogenic Responses following Infection with Intracellular Bacteria. <i>Journal of Immunology</i> , 2011, 187, 1333-1346.	0.8	36
39	Human Ehrlichiosis and Anaplasmosis. <i>Clinics in Laboratory Medicine</i> , 2010, 30, 261-292.	1.4	282
40	Natural Killer Cells Promote Tissue Injury and Systemic Inflammatory Responses During Fatal Ehrlichia-Induced Toxic Shock-Like Syndrome. <i>American Journal of Pathology</i> , 2010, 177, 766-776.	3.8	41
41	CD4 <sup>+</sup> CD25 <sup>+</sup> Foxp3 <sup>+</sup> T-Regulatory Cells Produce both Gamma Interferon and Interleukin-10 during Acute Severe Murine Spotted Fever Rickettsiosis. <i>Infection and Immunity</i> , 2009, 77, 3838-3849.	2.2	28
42	Persistent Infection Contributes to Heterologous Protective Immunity against Fatal Ehrlichiosis. <i>Infection and Immunity</i> , 2009, 77, 5682-5689.	2.2	18
43	Emerging and re-emerging rickettsioses: endothelial cell infection and early disease events. <i>Nature Reviews Microbiology</i> , 2008, 6, 375-386.	28.6	239
44	Protective Heterologous Immunity against Fatal Ehrlichiosis and Lack of Protection following Homologous Challenge. <i>Infection and Immunity</i> , 2008, 76, 1920-1930.	2.2	22
45	Persistence of Infection Contributes to Heterologous Protection against Ehrlichiosis. <i>FASEB Journal</i> , 2008, 22, 858.12.	0.5	0
46	NK Cells Dominate the Immunopathogenesis of Fatal Ehrlichiosis. <i>FASEB Journal</i> , 2008, 22, 860.18.	0.5	0
47	Relative Importance of T-Cell Subsets in Monocytotropic Ehrlichiosis: a Novel Effector Mechanism Involved in Ehrlichia-Induced Immunopathology in Murine Ehrlichiosis. <i>Infection and Immunity</i> , 2007, 75, 4608-4620.	2.2	33
48	Intralesional Expression of mRNA of Interferon $\gamma$ , Tumor Necrosis Factor $\alpha$ , Interleukin $\alpha$ 10, Nitric Oxide Synthase, Indoleamine $\alpha$ 2,3 $\alpha$ -Dioxygenase, and RANTES Is a Major Immune Effector in Mediterranean Spotted Fever Rickettsiosis. <i>Journal of Infectious Diseases</i> , 2007, 196, 770-781.	4.0	50
49	Differential Interaction of Dendritic Cells with Rickettsia conorii : Impact on Host Susceptibility to Murine Spotted Fever Rickettsiosis. <i>Infection and Immunity</i> , 2007, 75, 3112-3123.	2.2	66
50	Toward gene therapy of endometriosis: adenovirus-mediated delivery of dominant negative estrogen receptor genes inhibits cell proliferation, reduces cytokine production, and induces apoptosis of endometriotic cells. <i>Fertility and Sterility</i> , 2007, 88, 462-471.	1.0	28
51	Prospective comparison of R-mix $\alpha$ , $\alpha$ shell vial system with direct antigen tests and conventional cell culture for respiratory virus detection. <i>Journal of Clinical Virology</i> , 2007, 38, 210-216.	3.1	40
52	An Intra-dermal Environment Promotes a Protective Type-1 Response against Lethal Systemic Monocytotropic Ehrlichial Infection. <i>Infection and Immunity</i> , 2006, 74, 4856-4864.	2.2	52
53	Role of Tumor Necrosis Factor Alpha (TNF $\alpha$ ) and Interleukin-10 in the Pathogenesis of Severe Murine Monocytotropic Ehrlichiosis: Increased Resistance of TNF Receptor p55- and p75-Deficient Mice to Fatal Ehrlichial Infection. <i>Infection and Immunity</i> , 2006, 74, 1846-1856.	2.2	57
54	The Presence of Eschars, but Not Greater Severity, in Portuguese Patients Infected with Israeli Spotted Fever. <i>Annals of the New York Academy of Sciences</i> , 2005, 1063, 197-202.	3.8	35

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55	Balancing Protective Immunity and Immunopathology: A Unifying Model of Monocytotropic Ehrlichiosis. <i>Annals of the New York Academy of Sciences</i> , 2005, 1063, 383-394.	3.8	13
56	Analysis of Ehrlichial p28 Gene Expression in a Murine Model of Persistent Infection. <i>Annals of the New York Academy of Sciences</i> , 2005, 1063, 420-424.	3.8	7
57	Increasing the foreignness of an antigen, by coupling a second and foreign antigen to it, increases the T helper type 2 component of the immune response to the first antigen. <i>Immunology</i> , 2005, 115, 34-41.	4.4	34
58	Exogenous and endogenous glycolipid antigens activate NKT cells during microbial infections. <i>Nature</i> , 2005, 434, 525-529.	27.8	1,015
59	Laboratory Evaluation of a Fully Automated Chemiluminescence Immunoassay for Rapid Detection of HBsAg, Antibodies to HBsAg, and Antibodies to Hepatitis C Virus. <i>Journal of Clinical Microbiology</i> , 2004, 42, 610-617.	3.9	46
60	Overproduction of TNF- $\alpha$ by CD8+ Type 1 Cells and Down-Regulation of IFN- $\gamma$ Production by CD4+ Th1 Cells Contribute to Toxic Shock-Like Syndrome in an Animal Model of Fatal Monocytotropic Ehrlichiosis. <i>Journal of Immunology</i> , 2004, 172, 1786-1800.	0.8	115
61	<i>Ehrlichia chaffeensis</i> : a prevalent, life-threatening, emerging pathogen. <i>Transactions of the American Clinical and Climatological Association</i> , 2004, 115, 375-82; discussion 382-4.	0.5	29
62	Current status of immune mechanisms of killing of intracellular microorganisms. <i>FEMS Microbiology Letters</i> , 2002, 207, 111-120.	1.8	77
63	Current status of immune mechanisms of killing of intracellular microorganisms. <i>FEMS Microbiology Letters</i> , 2002, 207, 111-120.	1.8	1
64	Cell-to-cell interactions and signaling within the immune system: Towards integrating mechanism and physiology. <i>NeuroImmune Biology</i> , 2001, 1, 71-85.	0.2	0
65	More antigen-dependent CD4+ T cell / CD4+ T cell interactions are required for the primary generation of Th2 than of Th1 cells. <i>European Journal of Immunology</i> , 2001, 31, 1765-1771.	2.9	29
66	Update on human respiratory syncytial virus. <i>Clinical Microbiology Newsletter</i> , 2001, 23, 91-97.	0.7	0
67	A valid ELISPOT assay for enumeration of ex vivo, antigen-specific, IFN- $\gamma$ -producing T cells. <i>Journal of Immunological Methods</i> , 1999, 227, 99-107.	1.4	76