

Cevayir Coban

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

11,401
citations

66343

42
h-index

54911

84
g-index

91
all docs

91
docs citations

91
times ranked

13746
citing authors

#	ARTICLE	IF	CITATIONS
1	B cellâ€™intrinsic TBK1 is essential for germinal center formation during infection and vaccination in mice. <i>Journal of Experimental Medicine</i> , 2022, 219, .	8.5	8
2	Anti-tumor immunity by transcriptional synergy between TLR9 and STING activation. <i>International Immunology</i> , 2022, 34, 353-364.	4.0	8
3	Machine Learning-Assisted Screening of Herbal Medicine Extracts as Vaccine Adjuvants. <i>Frontiers in Immunology</i> , 2022, 13, .	4.8	4
4	Using a new three-dimensional CUBIC tissue-clearing method to examine the brain during experimental cerebral malaria. <i>International Immunology</i> , 2021, 33, 587-594.	4.0	2
5	TBK1 and IKKÎµ act like an OFF switch to limit NLRP3 inflammasome pathway activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	22
6	ZBP1 governs the inflammasome-independent IL-1Î± and neutrophil inflammation that play a dual role in anti-influenza virus immunity. <i>International Immunology</i> , 2020, 32, 203-212.	4.0	20
7	Heparin induces neutrophil elastase-dependent vital and lytic NET formation. <i>International Immunology</i> , 2020, 32, 359-368.	4.0	27
8	Mucosal Vaccine for Malaria. , 2020, , 831-840.		1
9	The host targeting effect of chloroquine in malaria. <i>Current Opinion in Immunology</i> , 2020, 66, 98-107.	5.5	35
10	Cyclic GMP-AMP Triggers Asthma in an IL-33-Dependent Manner That Is Blocked by Amlexanox, a TBK1 Inhibitor. <i>Frontiers in Immunology</i> , 2019, 10, 2212.	4.8	29
11	B cellâ€™intrinsic MyD88 signaling controls IFNÎ³-mediated early IgG2c class switching in mice in response to a particulate adjuvant. <i>European Journal of Immunology</i> , 2019, 49, 1433-1440.	2.9	15
12	Rapid Quantification of NETs <i>In Vitro</i> and in Whole Blood Samples by Imaging Flow Cytometry. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2019, 95, 565-578.	1.5	17
13	Tissue-specific immunopathology during malaria infection. <i>Nature Reviews Immunology</i> , 2018, 18, 266-278.	22.7	62
14	Unforeseen pathologies caused by malaria. <i>International Immunology</i> , 2018, 30, 121-129.	4.0	13
15	Introduction: Interactions Between the Immune System and Parasites Special Issue. <i>International Immunology</i> , 2018, 30, 91-91.	4.0	1
16	Does it take three to tango? An unsuspected multimorbidity of CD8+ T cell lymphoproliferative disorder, malaria, and EBV infection. <i>Malaria Journal</i> , 2018, 17, 349.	2.3	1
17	DAMP-Inducing Adjuvant and PAMP Adjuvants Parallely Enhance Protective Type-2 and Type-1 Immune Responses to Influenza Split Vaccination. <i>Frontiers in Immunology</i> , 2018, 9, 2619.	4.8	41
18	<i>Plasmodium</i> products persist in the bone marrow and promote chronic bone loss. <i>Science Immunology</i> , 2017, 2, .	11.9	32

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19	Bacterial secretion system skews the fate of Legionella-containing vacuoles towards LC3-associated phagocytosis. <i>Scientific Reports</i> , 2017, 7, 44795.	3.3	36
20	Advax, a Delta Inulin Microparticle, Potentiates In-built Adjuvant Property of Co-administered Vaccines. <i>EBioMedicine</i> , 2017, 15, 127-136.	6.1	39
21	A distinct subpopulation of CD25 ⁺ T-follicular regulatory cells localizes in the germinal centers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E6400-E6409.	7.1	167
22	Particulate-Driven Type-2 Immunity and Allergic Responses. <i>Current Topics in Environmental Health and Preventive Medicine</i> , 2017, , 63-82.	0.1	0
23	Erythrocyte \hat{I}^2 spectrin can be genetically targeted to protect mice from malaria. <i>Blood Advances</i> , 2017, 1, 2624-2636.	5.2	16
24	Inhaled Fine Particles Induce Alveolar Macrophage Death and Interleukin-1 $\hat{\pm}$ Release to Promote Inducible Bronchus-Associated Lymphoid Tissue Formation. <i>Immunity</i> , 2016, 45, 1299-1310.	14.3	110
25	RNA is an Adjuvanticity Mediator for the Lipid-Based Mucosal Adjuvant, <i>Endocrine</i> . <i>Scientific Reports</i> , 2016, 6, 29165.	3.3	8
26	IFN- \hat{I}^3 protects hepatocytes against <i>Plasmodium vivax</i> infection via LAP-like degradation of sporozoites. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 6813-6815.	7.1	9
27	Current status of synthetic hemozoin adjuvant: A preliminary safety evaluation. <i>Vaccine</i> , 2016, 34, 2055-2061.	3.8	8
28	Circulating nano-particulate TLR9 agonist scouts out tumor microenvironment to release immunogenic dead tumor cells. <i>Oncotarget</i> , 2016, 7, 48860-48869.	1.8	18
29	Development of Nonaggregating Poly-A Tailed Immunostimulatory A/D Type CpG Oligodeoxynucleotides Applicable for Clinical Use. <i>Journal of Immunology Research</i> , 2015, 2015, 1-20.	2.2	9
30	Label-free Raman imaging of the macrophage response to the malaria pigment hemozoin. <i>Analyst</i> , The, 2015, 140, 2350-2359.	3.5	17
31	Hydroxypropyl- \hat{I}^2 -Cyclodextrin Spikes Local Inflammation That Induces Th2 Cell and T Follicular Helper Cell Responses to the Coadministered Antigen. <i>Journal of Immunology</i> , 2015, 194, 2673-2682.	0.8	64
32	Nonagonistic Dectin-1 ligand transforms CpG into a multitask nanoparticulate TLR9 agonist. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 3086-3091.	7.1	116
33	Route to Discovering the Immunogenic Properties of DNA from TLR9 to Cytosolic DNA Sensors. , 2014, , 3-41.		1
34	DNA Vaccine: Does it Target the Double Stranded-DNA Sensing Pathway?. , 2014, , 257-270.		1
35	Hemozoin as a novel adjuvant for inactivated whole virion influenza vaccine. <i>Vaccine</i> , 2014, 32, 5295-5300.	3.8	20
36	Olfactory Plays a Key Role in Spatiotemporal Pathogenesis of Cerebral Malaria. <i>Cell Host and Microbe</i> , 2014, 15, 551-563.	11.0	51

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37	Hemozoin is a potent adjuvant for hemagglutinin split vaccine without pyrogenicity in ferrets. <i>Vaccine</i> , 2014, 32, 3004-3009.	3.8	10
38	Particulate and Immunity. <i>Nanomedicine and Nanotoxicology</i> , 2014, , 193-204.	0.2	0
39	Innate Immune Signaling by, and Genetic Adjuvants for DNA Vaccination. <i>Vaccines</i> , 2013, 1, 278-292.	4.4	43
40	Particulate Adjuvant and Innate Immunity: Past Achievements, Present Findings, and Future Prospects. <i>International Reviews of Immunology</i> , 2013, 32, 209-220.	3.3	97
41	Raman spectroscopic analysis of malaria disease progression via blood and plasma samples. <i>Analyst</i> , 2013, 138, 3927.	3.5	64
42	DNA vaccines. <i>Human Vaccines and Immunotherapeutics</i> , 2013, 9, 2216-2221.	3.3	49
43	TLR9 adjuvants enhance immunogenicity and protective efficacy of the SE36/AHG malaria vaccine in nonhuman primate models. <i>Human Vaccines and Immunotherapeutics</i> , 2013, 9, 283-290.	3.3	44
44	The Chemotherapeutic Agent DMXAA as a Unique IRF3-Dependent Type-2 Vaccine Adjuvant. <i>PLoS ONE</i> , 2013, 8, e60038.	2.5	24
45	Detection and size measurement of individual hemozoin nanocrystals in aquatic environment using a whispering gallery mode resonator. <i>Optics Express</i> , 2012, 20, 29426.	3.4	36
46	Lipocalin 2 Bolsters Innate and Adaptive Immune Responses to Blood-Stage Malaria Infection by Reinforcing Host Iron Metabolism. <i>Cell Host and Microbe</i> , 2012, 12, 705-716.	11.0	50
47	DNA released from dying host cells mediates aluminum adjuvant activity. <i>Nature Medicine</i> , 2011, 17, 996-1002.	30.7	482
48	The Origins of African <i>Plasmodium vivax</i> ; Insights from Mitochondrial Genome Sequencing. <i>PLoS ONE</i> , 2011, 6, e29137.	2.5	42
49	1N1312 Time-resolved Raman imaging of malarial hemozoin(Bioimaging 1,The 49th Annual Meeting of the Tj ETQq1.1 0.784314 rgB 0.1 2	0.1	0.784314
50	Silica Crystals and Aluminum Salts Regulate the Production of Prostaglandin in Macrophages via NALP3 Inflammasome-Independent Mechanisms. <i>Immunity</i> , 2011, 34, 514-526.	14.3	199
51	Novel Strategies to Improve DNA Vaccine Immunogenicity. <i>Current Gene Therapy</i> , 2011, 11, 479-484.	2.0	99
52	Serologic Markers in Relation to Parasite Exposure History Help to Estimate Transmission Dynamics of <i>Plasmodium vivax</i> . <i>PLoS ONE</i> , 2011, 6, e28126.	2.5	26
53	Plasmacytoid Dendritic Cells Delineate Immunogenicity of Influenza Vaccine Subtypes. <i>Science Translational Medicine</i> , 2010, 2, 25ra24.	12.4	124
54	Experimental cerebral malaria progresses independently of the Nlrp3 inflammasome. <i>European Journal of Immunology</i> , 2010, 40, 764-769.	2.9	66

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55	The role of multiple toll-like receptor signalling cascades on interactions between biomedical polymers and dendritic cells. <i>Biomaterials</i> , 2010, 31, 5759-5771.	11.4	72
56	The Malarial Metabolite Hemozoin and Its Potential Use as a Vaccine Adjuvant. <i>Allergology International</i> , 2010, 59, 115-124.	3.3	47
57	Limited Polymorphism of the Plasmodium vivax Merozoite Surface Protein 1 Gene in Isolates from Turkey. <i>American Journal of Tropical Medicine and Hygiene</i> , 2010, 83, 1230-1237.	1.4	16
58	TLR9 and endogenous adjuvants of the whole blood-stage malaria vaccine. <i>Expert Review of Vaccines</i> , 2010, 9, 775-784.	4.4	13
59	Immunogenicity of Whole-Parasite Vaccines against Plasmodium falciparum Involves Malarial Hemozoin and Host TLR9. <i>Cell Host and Microbe</i> , 2010, 7, 50-61.	11.0	135
60	Evidence for the Transmission of Plasmodium vivax in the Republic of the Congo, West Central Africa. <i>Journal of Infectious Diseases</i> , 2009, 200, 1465-1469.	4.0	81
61	Innate immune control of nucleic acid-based vaccine immunogenicity. <i>Expert Review of Vaccines</i> , 2009, 8, 1099-1107.	4.4	32
62	Immune Interventions of Human Diseases through Toll-Like Receptors. <i>Advances in Experimental Medicine and Biology</i> , 2009, 655, 63-80.	1.6	10
63	TANK-binding kinase-1 delineates innate and adaptive immune responses to DNA vaccines. <i>Nature</i> , 2008, 451, 725-729.	27.8	551
64	Host Innate Immune Receptors and Beyond: Making Sense of Microbial Infections. <i>Cell Host and Microbe</i> , 2008, 3, 352-363.	11.0	439
65	Innate immune response to viral infection. <i>Cytokine</i> , 2008, 43, 336-341.	3.2	337
66	Malaria Parasites Require TLR9 Signaling for Immune Evasion by Activating Regulatory T Cells. <i>Journal of Immunology</i> , 2008, 180, 2496-2503.	0.8	87
67	Molecular and cellular mechanisms of DNA vaccines. <i>Hum Vaccin</i> , 2008, 4, 453-457.	2.4	76
68	Analysis of Naturally Acquired Antibody Responses to the 19-kd C-Terminal Region of Merozoite Surface Protein-1 of Plasmodium vivax from Individuals in Sanliurfa, Turkey. <i>American Journal of Tropical Medicine and Hygiene</i> , 2008, 78, 729-732.	1.4	27
69	Analysis of naturally acquired antibody responses to the 19-kd C-terminal region of merozoite surface protein-1 of Plasmodium vivax from individuals in Sanliurfa, Turkey. <i>American Journal of Tropical Medicine and Hygiene</i> , 2008, 78, 729-32.	1.4	17
70	Differential Role of TLR- and RLR-Signaling in the Immune Responses to Influenza A Virus Infection and Vaccination. <i>Journal of Immunology</i> , 2007, 179, 4711-4720.	0.8	271
71	Manipulation of host innate immune responses by the malaria parasite. <i>Trends in Microbiology</i> , 2007, 15, 271-278.	7.7	71
72	A Polysaccharide Carrier to Effectively Deliver Native Phosphodiester CpG DNA to Antigen-Presenting Cells. <i>Bioconjugate Chemistry</i> , 2007, 18, 1280-1286.	3.6	25

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73	Pathological role of Toll-like receptor signaling in cerebral malaria. <i>International Immunology</i> , 2006, 19, 67-79.	4.0	144
74	Synthesis and in Vitro Characterization of Antigen-Conjugated Polysaccharide as a CpG DNA Carrier. <i>Bioconjugate Chemistry</i> , 2006, 17, 1136-1140.	3.6	10
75	A Toll-like receptor-independent antiviral response induced by double-stranded B-form DNA. <i>Nature Immunology</i> , 2006, 7, 40-48.	14.5	704
76	Detection of pathogenic intestinal bacteria by Toll-like receptor 5 on intestinal CD11c+ lamina propria cells. <i>Nature Immunology</i> , 2006, 7, 868-874.	14.5	399
77	Essential role of IPS-1 in innate immune responses against RNA viruses. <i>Journal of Experimental Medicine</i> , 2006, 203, 1795-1803.	8.5	438
78	Toll-Like Receptor Adaptor Molecules Enhance DNA-Raised Adaptive Immune Responses against Influenza and Tumors through Activation of Innate Immunity. <i>Journal of Virology</i> , 2006, 80, 6218-6224.	3.4	77
79	IPS-1, an adaptor triggering RIG-I- and Mda5-mediated type I interferon induction. <i>Nature Immunology</i> , 2005, 6, 981-988.	14.5	2,254
80	TRAF4 acts as a silencer in TLR-mediated signaling through the association with TRAF6 and TRIF. <i>European Journal of Immunology</i> , 2005, 35, 2477-2485.	2.9	91
81	Manifold Mechanisms of Toll-Like Receptor-Ligand Recognition. <i>Journal of Clinical Immunology</i> , 2005, 25, 511-521.	3.8	100
82	Interleukin-1 receptor-associated kinase-1 plays an essential role for Toll-like receptor (TLR)7- and TLR9-mediated interferon- β induction. <i>Journal of Experimental Medicine</i> , 2005, 201, 915-923.	8.5	446
83	CpG RNA: Identification of Novel Single-Stranded RNA That Stimulates Human CD14+CD11c+ Monocytes. <i>Journal of Immunology</i> , 2005, 174, 2273-2279.	0.8	80
84	Effect of plasmid backbone modification by different human CpG motifs on the immunogenicity of DNA vaccine vectors. <i>Journal of Leukocyte Biology</i> , 2005, 78, 647-655.	3.3	57
85	Toll-like receptor 9 mediates innate immune activation by the malaria pigment hemozoin. <i>Journal of Experimental Medicine</i> , 2005, 201, 19-25.	8.5	537
86	Effect of CpG Oligodeoxynucleotides on the Immunogenicity of Pfs25, a Plasmodium falciparum Transmission-Blocking Vaccine Antigen. <i>Infection and Immunity</i> , 2004, 72, 584-588.	2.2	34
87	Induction of Plasmodium falciparum Transmission-Blocking Antibodies in Nonhuman Primates by a Combination of DNA and Protein Immunizations. <i>Infection and Immunity</i> , 2004, 72, 253-259.	2.2	56
88	Interferon- β induction through Toll-like receptors involves a direct interaction of IRF7 with MyD88 and TRAF6. <i>Nature Immunology</i> , 2004, 5, 1061-1068.	14.5	894
89	Purified Malaria Pigment (Hemozoin) Enhances Dendritic Cell Maturation and Modulates the Isotype of Antibodies Induced by a DNA Vaccine. <i>Infection and Immunity</i> , 2002, 70, 3939-3943.	2.2	64
90	Genomic DNA Released by Dying Cells Induces the Maturation of APCs. <i>Journal of Immunology</i> , 2001, 167, 2602-2607.	0.8	223