

Kihyuck Kwak

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

4,148
citations

147801

31
h-index

161849

54
g-index

54
all docs

54
docs citations

54
times ranked

5329
citing authors

#	ARTICLE	IF	CITATIONS
1	The tangled web of autoreactive B cells in malaria immunity and autoimmune disease. Trends in Parasitology, 2022, 38, 379-389.	3.3	8
2	Atypical B cells in chronic infectious diseases and systemic autoimmunity: puzzles with many missing pieces. Current Opinion in Immunology, 2022, 77, 102227.	5.5	16
3	Shared transcriptional profiles of atypical B cells suggest common drivers of expansion and function in malaria, HIV, and autoimmunity. Science Advances, 2021, 7, .	10.3	68
4	B cell memory: building two walls of protection against pathogens. Nature Reviews Immunology, 2020, 20, 229-238.	22.7	327
5	Spending the Best but Banking the Rest. Cell, 2020, 183, 1149-1150.	28.9	1
6	Expression of inhibitory receptors by B cells in chronic human infectious diseases restricts responses to membrane-associated antigens. Science Advances, 2020, 6, eaba6493.	10.3	30
7	Testing the impact of a single nucleotide polymorphism in a Plasmodium berghei ApiAP2 transcription factor on experimental cerebral malaria in mice. Scientific Reports, 2020, 10, 13630.	3.3	9
8	A single-nucleotide polymorphism in a <i>Plasmodium berghei</i> ApiAP2 transcription factor alters the development of host immunity. Science Advances, 2020, 6, eaaw6957.	10.3	10
9	B cell signaling in context. Nature Immunology, 2019, 20, 963-969.	14.5	104
10	Exhaustion may not be in the human B cell vocabulary, at least not in malaria. Immunological Reviews, 2019, 292, 139-148.	6.0	21
11	The Differentiation in vitro of Human Tonsil B Cells With the Phenotypic and Functional Characteristics of T-bet+ Atypical Memory B Cells in Malaria. Frontiers in Immunology, 2019, 10, 852.	4.8	26
12	Toll-like receptor 9 antagonizes antibody affinity maturation. Nature Immunology, 2018, 19, 255-266.	14.5	63
13	Intrinsic properties of human germinal center B cells set antigen affinity thresholds. Science Immunology, 2018, 3, .	11.9	65
14	Roles of Fc Domain and Exudation in L2 Antibody-Mediated Protection against Human Papillomavirus. Journal of Virology, 2018, 92, .	3.4	19
15	Second signals rescue B cells from activation-induced mitochondrial dysfunction and death. Nature Immunology, 2018, 19, 871-884.	14.5	166
16	IgG3 regulates tissue-like memory B cells in HIV-infected individuals. Nature Immunology, 2018, 19, 1001-1012.	14.5	27
17	Accurate immune repertoire sequencing reveals malaria infection driven antibody lineage diversification in young children. Nature Communications, 2017, 8, 531.	12.8	41
18	Atypical memory B cells in human chronic infectious diseases: An interim report. Cellular Immunology, 2017, 321, 18-25.	3.0	157

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19	T cell-dependent antigen adjuvanted with DOTAPâ€CpGâ€B but not DOTAPâ€CpGâ€A induces robust germinal center responses and high affinity antibodies in mice. <i>European Journal of Immunology</i> , 2017, 47, 1890-1899.	2.9	16
20	Malaria-induced interferon-Î³ drives the expansion of Tbethi atypical memory B cells. <i>PLoS Pathogens</i> , 2017, 13, e1006576.	4.7	139
21	A Simple, Versatile Antibody-Based Barcoding Method for Flow Cytometry. <i>Journal of Immunology</i> , 2016, 197, 2027-2038.	0.8	38
22	The Regulation of Inherently Autoreactive VH4-34â€Expressing B Cells in Individuals Living in a Malaria-Endemic Area of West Africa. <i>Journal of Immunology</i> , 2016, 197, 3841-3849.	0.8	15
23	Seroepidemiology of Human Papillomavirus 16 (HPV16) L2 and Generation of L2-Specific Human Chimeric Monoclonal Antibodies. <i>Vaccine Journal</i> , 2015, 22, 806-816.	3.1	19
24	The V Gene Repertoires of Classical and Atypical Memory B Cells in Malaria-Susceptible West African Children. <i>Journal of Immunology</i> , 2015, 194, 929-939.	0.8	36
25	Inhibiting the Mammalian Target of Rapamycin Blocks the Development of Experimental Cerebral Malaria. <i>MBio</i> , 2015, 6, e00725.	4.1	42
26	Production of Furinâ€Cleaved Papillomavirus Pseudovirions and Their Use for In Vitro Neutralization Assays of L1â€or L2â€Specific Antibodies. <i>Current Protocols in Microbiology</i> , 2015, 38, 14B.5.1-26.	6.5	16
27	Malaria-associated atypical memory B cells exhibit markedly reduced B cell receptor signaling and effector function. <i>ELife</i> , 2015, 4, .	6.0	260
28	Impact of Inhibitors and L2 Antibodies upon the Infectivity of Diverse Alpha and Beta Human Papillomavirus Types. <i>PLoS ONE</i> , 2014, 9, e97232.	2.5	33
29	The autoinhibitory C-terminal SH2 domain of phospholipase Câ€Î³2 stabilizes B cell receptor signalosome assembly. <i>Science Signaling</i> , 2014, 7, ra89.	3.6	32
30	Malaria Immunity in Man and Mosquito: Insights into Unsolved Mysteries of a Deadly Infectious Disease. <i>Annual Review of Immunology</i> , 2014, 32, 157-187.	21.8	257
31	Preparation and properties of a papillomavirus infectious intermediate and its utility for neutralization studies. <i>Virology</i> , 2014, 449, 304-316.	2.4	36
32	Phylogenetic Considerations in Designing a Broadly Protective Multimeric L2 Vaccine. <i>Journal of Virology</i> , 2013, 87, 6127-6136.	3.4	31
33	Young Lives Lost as B Cells Falter: What We Are Learning About Antibody Responses in Malaria. <i>Journal of Immunology</i> , 2013, 190, 3039-3046.	0.8	122
34	Efficacy of RG1-VLP Vaccination against Infections with Genital and Cutaneous Human Papillomaviruses. <i>Journal of Investigative Dermatology</i> , 2013, 133, 2706-2713.	0.7	77
35	Optimization of Multimeric Human Papillomavirus L2 Vaccines. <i>PLoS ONE</i> , 2013, 8, e55538.	2.5	53
36	Multivalent Human Papillomavirus L1 DNA Vaccination Utilizing Electroporation. <i>PLoS ONE</i> , 2013, 8, e60507.	2.5	15

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37	<i>Plasmodium falciparum</i> merozoite surface protein 1 blocks the proinflammatory protein S100P. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 5429-5434.	7.1	20
38	The Scaffolding Protein Synapse-Associated Protein 97 Is Required for Enhanced Signaling Through Isotype-Switched IgG Memory B Cell Receptors. <i>Science Signaling</i> , 2012, 5, ra54.	3.6	54
39	Murine skin and vaginal mucosa are similarly susceptible to infection by pseudovirions of different papillomavirus classifications and species. <i>Virology</i> , 2012, 433, 385-394.	2.4	37
40	The high risk HPV16 L2 minor capsid protein has multiple transport signals that mediate its nucleocytoplasmic traffic. <i>Virology</i> , 2012, 422, 413-424.	2.4	23
41	Endocytosed BCRs sequentially regulate MAPK and Akt signaling pathways from intracellular compartments. <i>Nature Immunology</i> , 2011, 12, 1119-1126.	14.5	86
42	A multimeric L2 vaccine for prevention of animal papillomavirus infections. <i>Virology</i> , 2011, 420, 43-50.	2.4	18
43	Prevention of cancer by prophylactic human papillomavirus vaccines. <i>Current Opinion in Immunology</i> , 2011, 23, 244-251.	5.5	28
44	Attenuation of HIV-associated human B cell exhaustion by siRNA downregulation of inhibitory receptors. <i>Journal of Clinical Investigation</i> , 2011, 121, 2614-2624.	8.2	121
45	Capsomer Vaccines Protect Mice from Vaginal Challenge with Human Papillomavirus. <i>PLoS ONE</i> , 2011, 6, e27141.	2.5	13
46	The tipping points in the initiation of B cell signalling: how small changes make big differences. <i>Nature Reviews Immunology</i> , 2010, 10, 767-777.	22.7	157
47	Antigen affinity discrimination is an intrinsic function of the B cell receptor. <i>Journal of Experimental Medicine</i> , 2010, 207, 1095-1111.	8.5	120
48	Antigen-Induced Oligomerization of the B Cell Receptor Is an Early Target of FcγRIIB Inhibition. <i>Journal of Immunology</i> , 2010, 184, 1977-1989.	0.8	70
49	The <i>Plasmodium falciparum</i> -Specific Human Memory B Cell Compartment Expands Gradually with Repeated Malaria Infections. <i>PLoS Pathogens</i> , 2010, 6, e1000912.	4.7	221
50	Vaccination with multimeric L2 fusion protein and L1 VLP or capsomeres to broaden protection against HPV infection. <i>Vaccine</i> , 2010, 28, 4478-4486.	3.8	50
51	A Method for Analyzing Protein-Protein Interactions in the Plasma Membrane of Live B Cells by Fluorescence Resonance Energy Transfer Imaging as Acquired by Total Internal Reflection Fluorescence Microscopy. <i>Methods in Molecular Biology</i> , 2010, 591, 159-183.	0.9	27
52	Atypical Memory B Cells Are Greatly Expanded in Individuals Living in a Malaria-Endemic Area. <i>Journal of Immunology</i> , 2009, 183, 2176-2182.	0.8	398
53	The Constant Region of the Membrane Immunoglobulin Mediates B Cell-Receptor Clustering and Signaling in Response to Membrane Antigens. <i>Immunity</i> , 2009, 30, 44-55.	14.3	214
54	Sickle Cell Trait Is Associated with a Delayed Onset of Malaria: Implications for Time-to-Event Analysis in Clinical Studies of Malaria. <i>Journal of Infectious Diseases</i> , 2008, 198, 1265-1275.	4.0	96