

# Ken J Ishii

## List of Publications by Citations

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254  
papers

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71  
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148  
g-index

283  
ext. papers

25,857  
ext. citations

8.5  
avg, IF

6.42  
L-index

#	Paper	IF	Citations
254	Differential roles of MDA5 and RIG-I helicases in the recognition of RNA viruses. <i>Nature</i> , <b>2006</b> , 441, 101-5	50.4	2807
253	IPS-1, an adaptor triggering RIG-I- and Mda5-mediated type I interferon induction. <i>Nature Immunology</i> , <b>2005</b> , 6, 981-8	19.1	1954
252	Interferon-alpha induction through Toll-like receptors involves a direct interaction of IRF7 with MyD88 and TRAF6. <i>Nature Immunology</i> , <b>2004</b> , 5, 1061-8	19.1	790
251	Conditional ablation of Stat3 or Socs3 discloses a dual role for reactive astrocytes after spinal cord injury. <i>Nature Medicine</i> , <b>2006</b> , 12, 829-34	50.5	707
250	A Toll-like receptor-independent antiviral response induced by double-stranded B-form DNA. <i>Nature Immunology</i> , <b>2006</b> , 7, 40-8	19.1	625
249	Regulation of humoral and cellular gut immunity by lamina propria dendritic cells expressing Toll-like receptor 5. <i>Nature Immunology</i> , <b>2008</b> , 9, 769-76	19.1	606
248	Atg9a controls dsDNA-driven dynamic translocation of STING and the innate immune response. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 20842-6	11.5	560
247	Cutting edge: Role of Toll-like receptor 9 in CpG DNA-induced activation of human cells. <i>Journal of Immunology</i> , <b>2001</b> , 167, 3555-8	5.3	491
246	TANK-binding kinase-1 delineates innate and adaptive immune responses to DNA vaccines. <i>Nature</i> , <b>2008</b> , 451, 725-9	50.4	484
245	Toll-like receptor 9 mediates innate immune activation by the malaria pigment hemozoin. <i>Journal of Experimental Medicine</i> , <b>2005</b> , 201, 19-25	16.6	479
244	The Atg5 Atg12 conjugate associates with innate antiviral immune responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 14050-5	11.5	451
243	Human peripheral blood cells differentially recognize and respond to two distinct CPG motifs. <i>Journal of Immunology</i> , <b>2001</b> , 166, 2372-7	5.3	447
242	Essential role of IPS-1 in innate immune responses against RNA viruses. <i>Journal of Experimental Medicine</i> , <b>2006</b> , 203, 1795-803	16.6	407
241	Interleukin-1 receptor-associated kinase-1 plays an essential role for Toll-like receptor (TLR)7- and TLR9-mediated interferon- $\alpha$ induction. <i>Journal of Experimental Medicine</i> , <b>2005</b> , 201, 915-23	16.6	397
240	DNA released from dying host cells mediates aluminum adjuvant activity. <i>Nature Medicine</i> , <b>2011</b> , 17, 996-1002	50.5	393
239	Host innate immune receptors and beyond: making sense of microbial infections. <i>Cell Host and Microbe</i> , <b>2008</b> , 3, 352-63	23.4	385
238	Detection of pathogenic intestinal bacteria by Toll-like receptor 5 on intestinal CD11c <sup>+</sup> lamina propria cells. <i>Nature Immunology</i> , <b>2006</b> , 7, 868-74	19.1	358

237	Nucleic acid sensing at the interface between innate and adaptive immunity in vaccination. <i>Nature Reviews Immunology</i> , <b>2012</b> , 12, 479-91	36.5	295
236	Contribution of IL-33-activated type II innate lymphoid cells to pulmonary eosinophilia in intestinal nematode-infected mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 3451-6	11.5	254
235	Differential role of TLR- and RLR-signaling in the immune responses to influenza A virus infection and vaccination. <i>Journal of Immunology</i> , <b>2007</b> , 179, 4711-20	5.3	239
234	Innate immune response to viral infection. <i>Cytokine</i> , <b>2008</b> , 43, 336-41	4	237
233	DNA damage sensor MRE11 recognizes cytosolic double-stranded DNA and induces type I interferon by regulating STING trafficking. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 2969-74	11.5	236
232	A host type I interferon response is induced by cytosolic sensing of the bacterial second messenger cyclic-di-GMP. <i>Journal of Experimental Medicine</i> , <b>2009</b> , 206, 1899-911	16.6	222
231	Key function for the Ubc13 E2 ubiquitin-conjugating enzyme in immune receptor signaling. <i>Nature Immunology</i> , <b>2006</b> , 7, 962-70	19.1	222
230	Genomic DNA released by dying cells induces the maturation of APCs. <i>Journal of Immunology</i> , <b>2001</b> , 167, 2602-7	5.3	206
229	Repetitive elements in mammalian telomeres suppress bacterial DNA-induced immune activation. <i>Journal of Immunology</i> , <b>2003</b> , 171, 1393-400	5.3	188
228	Innate immune recognition of, and regulation by, DNA. <i>Trends in Immunology</i> , <b>2006</b> , 27, 525-32	14.4	175
227	Silica crystals and aluminum salts regulate the production of prostaglandin in macrophages via NALP3 inflammasome-independent mechanisms. <i>Immunity</i> , <b>2011</b> , 34, 514-26	32.3	171
226	Sterically stabilized cationic liposomes improve the uptake and immunostimulatory activity of CpG oligonucleotides. <i>Journal of Immunology</i> , <b>2001</b> , 167, 3324-8	5.3	170
225	Activation of target-tissue immune-recognition molecules by double-stranded polynucleotides. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1999</b> , 96, 2285-90	11.5	162
224	A critical role of IL-33 in experimental allergic rhinitis. <i>Journal of Allergy and Clinical Immunology</i> , <b>2012</b> , 130, 184-94.e11	11.5	154
223	Perivascular leukocyte clusters are essential for efficient activation of effector T cells in the skin. <i>Nature Immunology</i> , <b>2014</b> , 15, 1064-9	19.1	151
222	Vaccine adjuvants as potential cancer immunotherapeutics. <i>International Immunology</i> , <b>2016</b> , 28, 329-38	4.9	149
221	Signal transduction pathways mediated by the interaction of CpG DNA with Toll-like receptor 9. <i>Seminars in Immunology</i> , <b>2004</b> , 16, 17-22	10.7	149
220	DNA-Containing Exosomes Derived from Cancer Cells Treated with Topotecan Activate a STING-Dependent Pathway and Reinforce Antitumor Immunity. <i>Journal of Immunology</i> , <b>2017</b> , 198, 1649-1659	5.3	145

219	Cutting edge: cooperation of IPS-1- and TRIF-dependent pathways in poly IC-enhanced antibody production and cytotoxic T cell responses. <i>Journal of Immunology</i> , <b>2008</b> , 180, 683-7	5.3	128
218	Toll or toll-free adjuvant path toward the optimal vaccine development. <i>Journal of Clinical Immunology</i> , <b>2007</b> , 27, 363-71	5.7	128
217	Toll-like receptor 9 signaling activates NF-kappaB through IFN regulatory factor-8/IFN consensus sequence binding protein in dendritic cells. <i>Journal of Immunology</i> , <b>2004</b> , 172, 6820-7	5.3	128
216	NLRP4 negatively regulates autophagic processes through an association with beclin1. <i>Journal of Immunology</i> , <b>2011</b> , 186, 1646-55	5.3	125
215	Potential role of phosphatidylinositol 3 kinase, rather than DNA-dependent protein kinase, in CpG DNA-induced immune activation. <i>Journal of Experimental Medicine</i> , <b>2002</b> , 196, 269-74	16.6	125
214	Pathological role of Toll-like receptor signaling in cerebral malaria. <i>International Immunology</i> , <b>2007</b> , 19, 67-79	4.9	123
213	A new subset of CD103+CD8alpha+ dendritic cells in the small intestine expresses TLR3, TLR7, and TLR9 and induces Th1 response and CTL activity. <i>Journal of Immunology</i> , <b>2011</b> , 186, 6287-95	5.3	121
212	Differential and competitive activation of human immune cells by distinct classes of CpG oligodeoxynucleotide. <i>Journal of Leukocyte Biology</i> , <b>2002</b> , 71, 813-20	6.5	119
211	Immunogenicity of whole-parasite vaccines against <i>Plasmodium falciparum</i> involves malarial hemozoin and host TLR9. <i>Cell Host and Microbe</i> , <b>2010</b> , 7, 50-61	23.4	115
210	Suppressive oligodeoxynucleotides delay the onset of glomerulonephritis and prolong survival in lupus-prone NZB x NZW mice. <i>Arthritis and Rheumatism</i> , <b>2005</b> , 52, 651-8		111
209	Plasmacytoid dendritic cells delineate immunogenicity of influenza vaccine subtypes. <i>Science Translational Medicine</i> , <b>2010</b> , 2, 25ra24	17.5	107
208	Immune recognition of foreign DNA: a cure for bioterrorism?. <i>Immunity</i> , <b>1999</b> , 11, 123-9	32.3	107
207	Innate and adaptive immune responses to viral infection and vaccination. <i>Current Opinion in Virology</i> , <b>2011</b> , 1, 226-32	7.5	104
206	RAE1 ligands for the NKG2D receptor are regulated by STING-dependent DNA sensor pathways in lymphoma. <i>Cancer Research</i> , <b>2014</b> , 74, 2193-2203	10.1	98
205	Blockade of TLR3 protects mice from lethal radiation-induced gastrointestinal syndrome. <i>Nature Communications</i> , <b>2014</b> , 5, 3492	17.4	96
204	Genome-derived cytosolic DNA mediates type I interferon-dependent rejection of B cell lymphoma cells. <i>Cell Reports</i> , <b>2015</b> , 11, 460-73	10.6	95
203	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> , <b>2014</b> , 111, 3086-91	11.5	95
202	In vitro keratinocyte dissociation assay for evaluation of the pathogenicity of anti-desmoglein 3 IgG autoantibodies in pemphigus vulgaris. <i>Journal of Investigative Dermatology</i> , <b>2005</b> , 124, 939-46	4.3	94

201	Effect of suppressive DNA on CpG-induced immune activation. <i>Journal of Immunology</i> , <b>2002</b> , 169, 5590-4	5.3	93
200	Hydrophobic blocks of PEG-conjugates play a significant role in the accelerated blood clearance (ABC) phenomenon. <i>Journal of Controlled Release</i> , <b>2013</b> , 165, 183-90	11.7	88
199	Distinct behavior of human Langerhans cells and inflammatory dendritic epidermal cells at tight junctions in patients with atopic dermatitis. <i>Journal of Allergy and Clinical Immunology</i> , <b>2014</b> , 134, 856-64	11.5	87
198	Recognition of damage-associated molecular patterns related to nucleic acids during inflammation and vaccination. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2012</b> , 2, 168	5.9	87
197	Novel strategies to improve DNA vaccine immunogenicity. <i>Current Gene Therapy</i> , <b>2011</b> , 11, 479-84	4.3	85
196	Particulate adjuvant and innate immunity: past achievements, present findings, and future prospects. <i>International Reviews of Immunology</i> , <b>2013</b> , 32, 209-20	4.6	83
195	Manifold mechanisms of Toll-like receptor-ligand recognition. <i>Journal of Clinical Immunology</i> , <b>2005</b> , 25, 511-21	5.7	82
194	TLR9 and STING agonists synergistically induce innate and adaptive type-II IFN. <i>European Journal of Immunology</i> , <b>2015</b> , 45, 1159-69	6.1	80
193	TRAF4 acts as a silencer in TLR-mediated signaling through the association with TRAF6 and TRIF. <i>European Journal of Immunology</i> , <b>2005</b> , 35, 2477-85	6.1	80
192	Malaria parasites require TLR9 signaling for immune evasion by activating regulatory T cells. <i>Journal of Immunology</i> , <b>2008</b> , 180, 2496-503	5.3	79
191	Transcriptional regulation of the human TLR9 gene. <i>Journal of Immunology</i> , <b>2004</b> , 173, 2552-61	5.3	77
190	Baculovirus induces type I interferon production through toll-like receptor-dependent and -independent pathways in a cell-type-specific manner. <i>Journal of Virology</i> , <b>2009</b> , 83, 7629-40	6.6	75
189	Reduction of CpG-induced arthritis by suppressive oligodeoxynucleotides. <i>Arthritis and Rheumatism</i> , <b>2002</b> , 46, 2219-24		75
188	CpG RNA: identification of novel single-stranded RNA that stimulates human CD14 <sup>+</sup> CD11c <sup>+</sup> monocytes. <i>Journal of Immunology</i> , <b>2005</b> , 174, 2273-9	5.3	74
187	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> , <b>2006</b> , 80, 6218-24	6.6	72
186	Cutting Edge: Pivotal function of Ubc13 in thymocyte TCR signaling. <i>Journal of Immunology</i> , <b>2006</b> , 177, 7520-4	5.3	72
185	Th1-like cytokine induction by heat-killed <i>Brucella abortus</i> is dependent on triggering of TLR9. <i>Journal of Immunology</i> , <b>2005</b> , 175, 3964-70	5.3	71
184	Inhaled Fine Particles Induce Alveolar Macrophage Death and Interleukin-1 Release to Promote Inducible Bronchus-Associated Lymphoid Tissue Formation. <i>Immunity</i> , <b>2016</b> , 45, 1299-1310	32.3	71

183	CpG oligodeoxynucleotides induce murine macrophages to up-regulate chemokine mRNA expression. <i>Cellular Immunology</i> , <b>2000</b> , 206, 101-6	4.4	67
182	Crucial roles of XCR1-expressing dendritic cells and the XCR1-XCL1 chemokine axis in intestinal immune homeostasis. <i>Scientific Reports</i> , <b>2016</b> , 6, 23505	4.9	66
181	Molecular and cellular mechanisms of DNA vaccines. <i>Hum Vaccin</i> , <b>2008</b> , 4, 453-6		63
180	Suppressive oligonucleotides protect against collagen-induced arthritis in mice. <i>Arthritis and Rheumatism</i> , <b>2004</b> , 50, 1686-9		62
179	CpG DNA: recognition by and activation of monocytes. <i>Microbes and Infection</i> , <b>2002</b> , 4, 897-901	9.3	62
178	Manipulation of host innate immune responses by the malaria parasite. <i>Trends in Microbiology</i> , <b>2007</b> , 15, 271-8	12.4	59
177	Experimental cerebral malaria progresses independently of the Nlrp3 inflammasome. <i>European Journal of Immunology</i> , <b>2010</b> , 40, 764-9	6.1	58
176	Rolling gates for future immunotherapy. <i>Current Pharmaceutical Design</i> , <b>2006</b> , 12, 4135-42	3.3	58
175	Enhanced TLR-mediated NF-IL6 dependent gene expression by Trib1 deficiency. <i>Journal of Experimental Medicine</i> , <b>2007</b> , 204, 2233-9	16.6	56
174	Influence of stimulatory and suppressive DNA motifs on host susceptibility to inflammatory arthritis. <i>Arthritis and Rheumatism</i> , <b>2003</b> , 48, 1701-7		56
173	Innate immune recognition of nucleic acids: beyond toll-like receptors. <i>International Journal of Cancer</i> , <b>2005</b> , 117, 517-23	7.5	56
172	Purified malaria pigment (hemozoin) enhances dendritic cell maturation and modulates the isotype of antibodies induced by a DNA vaccine. <i>Infection and Immunity</i> , <b>2002</b> , 70, 3939-43	3.7	56
171	CpG oligodeoxynucleotides enhance neonatal resistance to <i>Listeria</i> infection. <i>Journal of Immunology</i> , <b>2005</b> , 174, 777-82	5.3	52
170	Effect of plasmid backbone modification by different human CpG motifs on the immunogenicity of DNA vaccine vectors. <i>Journal of Leukocyte Biology</i> , <b>2005</b> , 78, 647-55	6.5	50
169	Induction of type I interferon by adenovirus-encoded small RNAs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 17286-91	11.5	48
168	Evidences of protection against blood-stage infection of <i>Plasmodium falciparum</i> by the novel protein vaccine SE36. <i>Parasitology International</i> , <b>2010</b> , 59, 380-6	2.1	48
167	Fragments of genomic DNA released by injured cells activate innate immunity and suppress endocrine function in the thyroid. <i>Endocrinology</i> , <b>2011</b> , 152, 1702-12	4.8	46
166	Adjuvants in influenza vaccines. <i>Vaccine</i> , <b>2012</b> , 30, 7658-61	4.1	45

165	Phase 1b randomized trial and follow-up study in Uganda of the blood-stage malaria vaccine candidate BK-SE36. <i>PLoS ONE</i> , <b>2013</b> , 8, e64073	3.7	45
164	Hydroxypropyl-β-cyclodextrin spikes local inflammation that induces Th2 cell and T follicular helper cell responses to the coadministered antigen. <i>Journal of Immunology</i> , <b>2015</b> , 194, 2673-82	5.3	42
163	Metal nanoparticles in the presence of lipopolysaccharides trigger the onset of metal allergy in mice. <i>Nature Nanotechnology</i> , <b>2016</b> , 11, 808-16	28.7	42
162	Lipocalin 2 bolsters innate and adaptive immune responses to blood-stage malaria infection by reinforcing host iron metabolism. <i>Cell Host and Microbe</i> , <b>2012</b> , 12, 705-16	23.4	42
161	Blocking of the TLR5 activation domain hampers protective potential of flagellin DNA vaccine. <i>Journal of Immunology</i> , <b>2007</b> , 179, 1147-54	5.3	41
160	Exploring the relationship between anti-PEG IgM behaviors and PEGylated nanoparticles and its significance for accelerated blood clearance. <i>Journal of Controlled Release</i> , <b>2016</b> , 234, 59-67	11.7	41
159	Olfactory plays a key role in spatiotemporal pathogenesis of cerebral malaria. <i>Cell Host and Microbe</i> , <b>2014</b> , 15, 551-63	23.4	40
158	Allergic Responses Induced by the Immunomodulatory Effects of Nanomaterials upon Skin Exposure. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 169	8.4	39
157	The malarial metabolite hemozoin and its potential use as a vaccine adjuvant. <i>Allergology International</i> , <b>2010</b> , 59, 115-24	4.4	39
156	DNA vaccines: a simple DNA sensing matter?. <i>Human Vaccines and Immunotherapeutics</i> , <b>2013</b> , 9, 2216-21	4.4	38
155	Extrachromosomal histone H2B mediates innate antiviral immune responses induced by intracellular double-stranded DNA. <i>Journal of Virology</i> , <b>2010</b> , 84, 822-32	6.6	38
154	Intracellular DNA sensors in immunity. <i>Current Opinion in Immunology</i> , <b>2008</b> , 20, 383-8	7.8	38
153	Lymphoid tissue-resident Alcaligenes LPS induces IgA production without excessive inflammatory responses via weak TLR4 agonist activity. <i>Mucosal Immunology</i> , <b>2018</b> , 11, 693-702	9.2	36
152	Tissue-specific immunopathology during malaria infection. <i>Nature Reviews Immunology</i> , <b>2018</b> , 18, 266-278	36.5	36
151	Profiles of microRNA networks in intestinal epithelial cells in a mouse model of colitis. <i>Scientific Reports</i> , <b>2015</b> , 5, 18174	4.9	36
150	CpG oligodeoxynucleotides improve the survival of pregnant and fetal mice following <i>Listeria monocytogenes</i> infection. <i>Infection and Immunity</i> , <b>2004</b> , 72, 3543-8	3.7	36
149	Retinal cell type-specific prevention of ischemia-induced damages by LPS-TLR4 signaling through microglia. <i>Journal of Neurochemistry</i> , <b>2013</b> , 126, 243-60	6	35
148	IL-18 gene therapy develops Th1-type immune responses in <i>Leishmania major</i> -infected BALB/c mice: is the effect mediated by the CpG signaling TLR9?. <i>Gene Therapy</i> , <b>2004</b> , 11, 941-8	4	35

147	Eosinophil depletion suppresses radiation-induced small intestinal fibrosis. <i>Science Translational Medicine</i> , <b>2018</b> , 10,	17.5	32
146	TLR9 adjuvants enhance immunogenicity and protective efficacy of the SE36/AHG malaria vaccine in nonhuman primate models. <i>Human Vaccines and Immunotherapeutics</i> , <b>2013</b> , 9, 283-90	4.4	32
145	TLR ignores methylated RNA?. <i>Immunity</i> , <b>2005</b> , 23, 111-3	32.3	32
144	Activity and safety of DNA plasmids encoding IL-4 and IFN gamma. <i>Gene Therapy</i> , <b>1999</b> , 6, 237-44	4	31
143	Positive and negative regulatory elements contribute to CpG oligonucleotide-mediated regulation of human IL-6 gene expression. <i>European Journal of Immunology</i> , <b>2000</b> , 30, 108-16	6.1	30
142	Gene gun-mediated delivery of an interleukin-12 expression plasmid protects against infections with the intracellular protozoan parasites <i>Leishmania major</i> and <i>Trypanosoma cruzi</i> in mice. <i>Immunology</i> , <b>2000</b> , 99, 615-24	7.8	30
141	Advax, a Delta Inulin Microparticle, Potentiates In-built Adjuvant Property of Co-administered Vaccines. <i>EBioMedicine</i> , <b>2017</b> , 15, 127-136	8.8	29
140	Effect of CpG oligodeoxynucleotides on the immunogenicity of Pfs25, a <i>Plasmodium falciparum</i> transmission-blocking vaccine antigen. <i>Infection and Immunity</i> , <b>2004</b> , 72, 584-8	3.7	29
139	Innate Immune Signaling by, and Genetic Adjuvants for DNA Vaccination. <i>Vaccines</i> , <b>2013</b> , 1, 278-92	5.3	28
138	Prothymosin-alpha preconditioning activates TLR4-TRIF signaling to induce protection of ischemic retina. <i>Journal of Neurochemistry</i> , <b>2015</b> , 135, 1161-77	6	28
137	RNA polymerase III regulates cytosolic RNA:DNA hybrids and intracellular microRNA expression. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 7463-73	5.4	28
136	Innate immune control of nucleic acid-based vaccine immunogenicity. <i>Expert Review of Vaccines</i> , <b>2009</b> , 8, 1099-107	5.2	28
135	Immunotherapeutic utility of stimulatory and suppressive oligodeoxynucleotides. <i>Current Opinion in Molecular Therapeutics</i> , <b>2004</b> , 6, 166-74		28
134	<i>Plasmodium falciparum</i> serine repeat antigen 5 (SE36) as a malaria vaccine candidate. <i>Vaccine</i> , <b>2011</b> , 29, 5837-45	4.1	27
133	Contribution of interferon-beta to the immune activation induced by double-stranded DNA. <i>Immunology</i> , <b>2006</b> , 118, 302-10	7.8	27
132	Protective epitopes of the <i>Plasmodium falciparum</i> SERA5 malaria vaccine reside in intrinsically unstructured N-terminal repetitive sequences. <i>PLoS ONE</i> , <b>2014</b> , 9, e98460	3.7	27
131	Immunization with antigenic peptides complexed with $\beta$ -glucan induces potent cytotoxic T-lymphocyte activity in combination with CpG-ODNs. <i>Journal of Controlled Release</i> , <b>2015</b> , 220, 495-502	11.7	26
130	Ligand-induced Ordering of the C-terminal Tail Primes STING for Phosphorylation by TBK1. <i>EBioMedicine</i> , <b>2016</b> , 9, 87-96	8.8	26



129	Nucleic acid sensing by T cells initiates Th2 cell differentiation. <i>Nature Communications</i> , <b>2014</b> , 5, 3566	17.4	26
128	Human Scavenger Receptor A1-Mediated Inflammatory Response to Silica Particle Exposure Is Size Specific. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 379	8.4	26
127	Toll-like Receptors and Sepsis. <i>Current Infectious Disease Reports</i> , <b>2004</b> , 6, 361-366	3.9	26
126	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> , <b>2018</b> , 9, 2619	8.4	26
125	Combination and inducible adjuvants targeting nucleic acid sensors. <i>Current Opinion in Pharmacology</i> , <b>2018</b> , 41, 104-113	5.1	25
124	Protective properties of a fusion pneumococcal surface protein A (PspA) vaccine against pneumococcal challenge by five different PspA clades in mice. <i>Vaccine</i> , <b>2014</b> , 32, 5607-13	4.1	25
123	Potential link between the immune system and metabolism of nucleic acids. <i>Current Opinion in Immunology</i> , <b>2008</b> , 20, 524-9	7.8	25
122	Essential Role of CARD14 in Murine Experimental Psoriasis. <i>Journal of Immunology</i> , <b>2018</b> , 200, 71-81	5.3	25
121	Epithelial TRAF6 drives IL-17-mediated psoriatic inflammation. <i>JCI Insight</i> , <b>2018</b> , 3,	9.9	23
120	Serologic markers in relation to parasite exposure history help to estimate transmission dynamics of <i>Plasmodium vivax</i> . <i>PLoS ONE</i> , <b>2011</b> , 6, e28126	3.7	23
119	Efficient antigen delivery to the draining lymph nodes is a key component in the immunogenic pathway of the intradermal vaccine. <i>Journal of Dermatological Science</i> , <b>2016</b> , 82, 38-45	4.3	22
118	Innate immune response induced by baculovirus attenuates transgene expression in mammalian cells. <i>Journal of Virology</i> , <b>2014</b> , 88, 2157-67	6.6	22
117	A polysaccharide carrier to effectively deliver native phosphodiester CpG DNA to antigen-presenting cells. <i>Bioconjugate Chemistry</i> , <b>2007</b> , 18, 1280-6	6.3	22
116	Response of peripheral blood mononuclear cells from lupus patients to stimulation by CpG oligodeoxynucleotides. <i>British Journal of Rheumatology</i> , <b>2003</b> , 42, 563-9		22
115	Suppressive oligodeoxynucleotides inhibit CpG-induced inflammation of the mouse lung. <i>Critical Care Medicine</i> , <b>2004</b> , 32, 2045-9	1.4	22
114	Prevention of neonatal tolerance by a plasmid encoding granulocyte-macrophage colony stimulating factor. <i>Vaccine</i> , <b>1999</b> , 18, 703-10	4.1	22
113	Intranasal hydroxypropyl-β-cyclodextrin-adjuvanted influenza vaccine protects against sub-heterologous virus infection. <i>Vaccine</i> , <b>2016</b> , 34, 3191-3198	4.1	22
112	Antitumor therapy with bacterial DNA and toxin: complete regression of established tumor induced by liposomal CpG oligodeoxynucleotides plus interleukin-13 cytotoxin. <i>Clinical Cancer Research</i> , <b>2003</b> , 9, 6516-22	12.9	22

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