

Akiko Iwasaki

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

302
papers

38,630
citations

84
h-index

195
g-index

341
ext. papers

47,558
ext. citations

18.6
avg, IF

8.2
L-index

#	Paper	IF	Citations
302	Unadjuvanted intranasal spike vaccine booster elicits robust protective mucosal immunity against sarbecoviruses. 2022 ,		6
301	Single-cell multi-omics reveals dyssynchrony of the innate and adaptive immune system in progressive COVID-19.. <i>Nature Communications</i> , 2022 , 13, 440	17.4	13
300	Development and utilization of a surrogate SARS-CoV-2 viral neutralization assay to assess mRNA vaccine responses.. <i>PLoS ONE</i> , 2022 , 17, e0262657	3.7	1
299	Neutralizing antibodies against the SARS-CoV-2 Delta and Omicron variants following heterologous CoronaVac plus BNT162b2 booster vaccination.. <i>Nature Medicine</i> , 2022 ,	50.5	57
298	High-affinity, neutralizing antibodies to SARS-CoV-2 can be made without T follicular helper cells. <i>Science Immunology</i> , 2022 , 7,	28	3
297	Targeting stem-loop 1 of the SARS-CoV-2 5'RUTR to suppress viral translation and Nsp1 evasion.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119,	11.5	6
296	A stem-loop RNA RIG-I agonist protects against acute and chronic SARS-CoV-2 infection in mice. <i>Journal of Experimental Medicine</i> , 2022 , 219,	16.6	11
295	Mild respiratory SARS-CoV-2 infection can cause multi-lineage cellular dysregulation and myelin loss in the brain. 2022 ,		13
294	Gut microbiome dysbiosis during COVID-19 is associated with increased risk for bacteremia and microbial translocation. 2022 ,		3
293	Lack of association between pandemic chilblains and SARS-CoV-2 infection.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119,	11.5	5
292	The immunology and immunopathology of COVID-19.. <i>Science</i> , 2022 , 375, 1122-1127	33.3	38
291	De novo emergence of a remdesivir resistance mutation during treatment of persistent SARS-CoV-2 infection in an immunocompromised patient: a case report.. <i>Nature Communications</i> , 2022 , 13, 1547	17.4	6
290	APOBEC3A regulates transcription from interferon-stimulated response elements.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119, e2011665119	11.5	1
289	Unexplained post-acute infection syndromes.. <i>Nature Medicine</i> , 2022 , 28, 911-923	50.5	10
288	No evidence of fetal defects or anti-syncytin-1 antibody induction following COVID-19 mRNA vaccination. <i>PLoS Biology</i> , 2022 , 20, e3001506	9.7	0
287	Endogenous Retroviruses Provide Protection Against Vaginal HSV-2 Disease.. <i>Frontiers in Immunology</i> , 2021 , 12, 758721	8.4	
286	A phase 2 evaluation of pembrolizumab for recurrent Lynch-like versus sporadic endometrial cancers with microsatellite instability. <i>Cancer</i> , 2021 ,	6.4	6

285	Intranasal priming induces local lung-resident B cell populations that secrete protective mucosal antiviral IgA. <i>Science Immunology</i> , 2021 , 6, eabj5129	28	10
284	emergence of a remdesivir resistance mutation during treatment of persistent SARS-CoV-2 infection in an immunocompromised patient: A case report. 2021 ,		2
283	Impact of Chronic HIV Infection on SARS-CoV-2 Infection, COVID-19 Disease and Vaccines. <i>Current HIV/AIDS Reports</i> , 2021 , 1	5.9	2
282	High-resolution epitope mapping and characterization of SARS-CoV-2 antibodies in large cohorts of subjects with COVID-19. <i>Communications Biology</i> , 2021 , 4, 1317	6.7	6
281	Impact of circulating SARS-CoV-2 variants on mRNA vaccine-induced immunity. <i>Nature</i> , 2021 ,	50.4	71
280	KDM5B promotes immune evasion by recruiting SETDB1 to silence retroelements. <i>Nature</i> , 2021 , 598, 682-687	50.4	17
279	Longitudinal immune profiling of a SARS-CoV-2 reinfection in a solid organ transplant recipient. <i>Journal of Infectious Diseases</i> , 2021 ,	7	4
278	Diverse Functional Autoantibodies in Patients with COVID-19 2021 ,		65
277	SalivaDirect: A simplified and flexible platform to enhance SARS-CoV-2 testing capacity. <i>Med</i> , 2021 , 2, 263-280.e6	31.7	110
276	Single-cell longitudinal analysis of SARS-CoV-2 infection in human airway epithelium identifies target cells, alterations in gene expression, and cell state changes. <i>PLoS Biology</i> , 2021 , 19, e3001143	9.7	62
275	Tracking smell loss to identify healthcare workers with SARS-CoV-2 infection. <i>PLoS ONE</i> , 2021 , 16, e0248025	9.7	8
274	Clinical characteristics and outcomes for 7,995 patients with SARS-CoV-2 infection. <i>PLoS ONE</i> , 2021 , 16, e0243291	3.7	16
273	Case Study: Longitudinal immune profiling of a SARS-CoV-2 reinfection in a solid organ transplant recipient 2021 ,		2
272	A humanized mouse model of chronic COVID-19 to evaluate disease mechanisms and treatment options 2021 ,		1
271	The first 12 months of COVID-19: a timeline of immunological insights. <i>Nature Reviews Immunology</i> , 2021 , 21, 245-256	36.5	140
270	Stability of SARS-CoV-2 RNA in Nonsupplemented Saliva. <i>Emerging Infectious Diseases</i> , 2021 , 27, 1146-1150	5.2	21
269	Maternal respiratory SARS-CoV-2 infection in pregnancy is associated with a robust inflammatory response at the maternal-fetal interface. <i>Med</i> , 2021 , 2, 591-610.e10	31.7	43
268	Investigate the origins of COVID-19. <i>Science</i> , 2021 , 372, 694	33.3	39

267	Divergent and self-reactive immune responses in the CNS of COVID-19 patients with neurological symptoms. <i>Cell Reports Medicine</i> , 2021 , 2, 100288	18	39
266	Infection induces cross-reactive antibodies to carbohydrate epitopes on the SARS-CoV-2 Spike protein 2021 ,		6
265	Delayed production of neutralizing antibodies correlates with fatal COVID-19. <i>Nature Medicine</i> , 2021 , 27, 1178-1186	50.5	65
264	Antibodies against human endogenous retrovirus K102 envelope activate neutrophils in systemic lupus erythematosus. <i>Journal of Experimental Medicine</i> , 2021 , 218,	16.6	6
263	Longitudinal immune profiling of a SARS-CoV-2 reinfection in a solid organ transplant recipient 2021 ,		1
262	Adaptive immune determinants of viral clearance and protection in mouse models of SARS-CoV-2 2021 ,		12
261	Diverse functional autoantibodies in patients with COVID-19. <i>Nature</i> , 2021 , 595, 283-288	50.4	199
260	A stem-loop RNA RIG-I agonist confers prophylactic and therapeutic protection against acute and chronic SARS-CoV-2 infection in mice 2021 ,		5
259	Kynurenic acid may underlie sex-specific immune responses to COVID-19. <i>Science Signaling</i> , 2021 , 14,	8.8	15
258	What reinfections mean for COVID-19. <i>Lancet Infectious Diseases</i> , 2021 , 21, 3-5	25.5	130
257	Sex differences in immune responses. <i>Science</i> , 2021 , 371, 347-348	33.3	42
256	Neuroinvasion of SARS-CoV-2 in human and mouse brain. <i>Journal of Experimental Medicine</i> , 2021 , 218,	16.6	320
255	SARS-CoV-2 infection in pregnancy is associated with robust inflammatory response at the maternal-fetal interface 2021 ,		10
254	Generating hard-to-obtain information from easy-to-obtain information: Applications in drug discovery and clinical inference. <i>Patterns</i> , 2021 , 2, 100288	5.1	0
253	Gut microbiome dysbiosis during COVID-19 is associated with increased risk for bacteremia and microbial translocation 2021 ,		8
252	Human Leukocyte Antigen Class I Deficiency in Gastric Carcinoma: An Adaptive Immune Evasion Strategy Most Common in Microsatellite Instable Tumors. <i>American Journal of Surgical Pathology</i> , 2021 , 45, 1213-1220	6.7	0
251	Associations of SARS-CoV-2 serum IgG with occupation and demographics of military personnel. <i>PLoS ONE</i> , 2021 , 16, e0251114	3.7	1
250	Challenges in interpreting cytokine data in COVID-19 affect patient care and management. <i>PLoS Biology</i> , 2021 , 19, e3001373	9.7	0

249	How COVID-19 has transformed my science. <i>Neuron</i> , 2021 , 109, 3041-3044	13.9	
248	Adaptive immune determinants of viral clearance and protection in mouse models of SARS-CoV-2. <i>Science Immunology</i> , 2021 , 6, eabl4509	28	40
247	COVID-19 vaccines: Keeping pace with SARS-CoV-2 variants. <i>Cell</i> , 2021 , 184, 5077-5081	56.2	54
246	Prevention of host-to-host transmission by SARS-CoV-2 vaccines. <i>Lancet Infectious Diseases</i> , 2021 ,	25.5	15
245	Reply to: A finding of sex similarities rather than differences in COVID-19 outcomes. <i>Nature</i> , 2021 , 597, E10-E11	50.4	1
244	Evolving A RIG-I Antagonist: A Modified DNA Aptamer Mimics Viral RNA. <i>Journal of Molecular Biology</i> , 2021 , 433, 167227	6.5	2
243	Saliva viral load is a dynamic unifying correlate of COVID-19 severity and mortality 2021 ,		41
242	301. Detection of Pneumococcal Pneumonia During SARS-CoV-2 Infection. <i>Open Forum Infectious Diseases</i> , 2021 , 8, S257-S257	1	
241	A humanized mouse model of chronic COVID-19.. <i>Nature Biotechnology</i> , 2021 ,	44.5	8
240	High-affinity, neutralizing antibodies to SARS-CoV-2 can be made without T follicular helper cells.. <i>Science Immunology</i> , 2021 , eabl5652	28	2
239	Contributions of maternal and fetal antiviral immunity in congenital disease. <i>Science</i> , 2020 , 368, 608-612	33.3	33
238	Coast-to-Coast Spread of SARS-CoV-2 during the Early Epidemic in the United States. <i>Cell</i> , 2020 , 181, 990-996.e5	56.2	235
237	mA Modification Prevents Formation of Endogenous Double-Stranded RNAs and Deleterious Innate Immune Responses during Hematopoietic Development. <i>Immunity</i> , 2020 , 52, 1007-1021.e8	32.3	41
236	Why does Japan have so few cases of COVID-19?. <i>EMBO Molecular Medicine</i> , 2020 , 12, e12481	12	83
235	Type I and Type III Interferons - Induction, Signaling, Evasion, and Application to Combat COVID-19. <i>Cell Host and Microbe</i> , 2020 , 27, 870-878	23.4	432
234	Vitamin B12 and folic acid alleviate symptoms of nutritional deficiency by antagonizing aryl hydrocarbon receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 15837-15845	11.5	14
233	Inflammasomes and Pyroptosis as Therapeutic Targets for COVID-19. <i>Journal of Immunology</i> , 2020 , 205, 307-312	5.3	138
232	Seasonality of Respiratory Viral Infections. <i>Annual Review of Virology</i> , 2020 , 7, 83-101	14.6	341

231	Cutting Edge: The Use of Topical Aminoglycosides as an Effective Pull in "Prime and Pull" Vaccine Strategy. <i>Journal of Immunology</i> , 2020 , 204, 1703-1707	5.3	8
230	VEGF-C-driven lymphatic drainage enables immunosurveillance of brain tumours. <i>Nature</i> , 2020 , 577, 689-694	50.4	154
229	Antidote to toxic principal investigators. <i>Nature Medicine</i> , 2020 , 26, 457	50.5	6
228	SARS-CoV-2 infection of the placenta. <i>Journal of Clinical Investigation</i> , 2020 , 130, 4947-4953	15.9	230
227	68. Active Monitoring of a Healthcare Worker Cohort During the COVID-19 Epidemic. <i>Open Forum Infectious Diseases</i> , 2020 , 7, S165-S165	1	
226	Mouse Model of SARS-CoV-2 Reveals Inflammatory Role of Type I Interferon Signaling. <i>SSRN Electronic Journal</i> , 2020 , 3628297	1	3
225	Method for Measuring Mucociliary Clearance and Cilia-generated Flow in Mice by Imaging. <i>Bio-protocol</i> , 2020 , 10, e3554	0.9	1
224	Tracking Smell Loss to Identify Healthcare Workers with SARS-CoV-2 Infection 2020 ,		3
223	Environmental Conditioning and Aerosol Infection of Mice. <i>Bio-protocol</i> , 2020 , 10, e3592	0.9	
222	456. Implementing an At-Home Smell Test for Early Assessment of COVID-19 in High-Risk Healthcare Workers. <i>Open Forum Infectious Diseases</i> , 2020 , 7, S295-S296	1	1
221	Coast-to-coast spread of SARS-CoV-2 in the United States revealed by genomic epidemiology 2020 ,		19
220	Single-cell longitudinal analysis of SARS-CoV-2 infection in human airway epithelium 2020 ,		39
219	Mouse model of SARS-CoV-2 reveals inflammatory role of type I interferon signaling 2020 ,		27
218	Sex differences in immune responses to SARS-CoV-2 that underlie disease outcomes 2020 ,		35
217	Neuroinvasion of SARS-CoV-2 in human and mouse brain 2020 ,		87
216	Clinical Characteristics and Outcomes for 7,995 Patients with SARS-CoV-2 Infection 2020 ,		14
215	Simply saliva: stability of SARS-CoV-2 detection negates the need for expensive collection devices 2020 ,		38
214	Pooling saliva to increase SARS-CoV-2 testing capacity 2020 ,		26

213	Kynurenic acid underlies sex-specific immune responses to COVID-19 2020 ,		20
212	Exploratory neuroimmune profiling identifies CNS-specific alterations in COVID-19 patients with neurological involvement 2020 ,		12
211	Kinetics of antibody responses dictate COVID-19 outcome 2020 ,		31
210	Mucosal Vaccines for Genital Herpes 2020 , 723-734		
209	Detection of SARS-CoV-2 RNA by multiplex RT-qPCR. <i>PLoS Biology</i> , 2020 , 18, e3000867	9.7	28
208	Sex differences in immune responses that underlie COVID-19 disease outcomes. <i>Nature</i> , 2020 , 588, 315-320.	30.4	556
207	Why and How Vaccines Work. <i>Cell</i> , 2020 , 183, 290-295	56.2	44
206	Analytical sensitivity and efficiency comparisons of SARS-CoV-2 RT-qPCR primer-probe sets. <i>Nature Microbiology</i> , 2020 , 5, 1299-1305	26.6	380
205	Commensal Microbiota Modulation of Natural Resistance to Virus Infection. <i>Cell</i> , 2020 , 183, 1312-1324.e102	31.2	54
204	The Role of Immune Factors in Shaping Fetal Neurodevelopment. <i>Annual Review of Cell and Developmental Biology</i> , 2020 , 36, 441-468	12.6	5
203	Longitudinal analyses reveal immunological misfiring in severe COVID-19. <i>Nature</i> , 2020 , 584, 463-469	50.4	901
202	Mouse model of SARS-CoV-2 reveals inflammatory role of type I interferon signaling. <i>Journal of Experimental Medicine</i> , 2020 , 217,	16.6	223
201	RUNX Binding Sites Are Enriched in Herpesvirus Genomes, and RUNX1 Overexpression Leads to Herpes Simplex Virus 1 Suppression. <i>Journal of Virology</i> , 2020 , 94,	6.6	3
200	Saliva or Nasopharyngeal Swab Specimens for Detection of SARS-CoV-2. <i>New England Journal of Medicine</i> , 2020 , 383, 1283-1286	59.2	507
199	The potential danger of suboptimal antibody responses in COVID-19. <i>Nature Reviews Immunology</i> , 2020 , 20, 339-341	36.5	327
198	Apobec3A maintains HIV-1 latency through recruitment of epigenetic silencing machinery to the long terminal repeat. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 2282-2289	11.5	22
197	The Lupus Susceptibility Locus Sgp3 Encodes the Suppressor of Endogenous Retrovirus Expression SNERV. <i>Immunity</i> , 2019 , 50, 334-347.e9	32.3	43
196	The Combination of MEK Inhibitor With Immunomodulatory Antibodies Targeting Programmed Death 1 and Programmed Death Ligand 1 Results in Prolonged Survival in Kras/p53-Driven Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2019 , 14, 1046-1060	8.9	28

195	Migrant memory B cells secrete luminal antibody in the vagina. <i>Nature</i> , 2019 , 571, 122-126	50.4	44
194	Monocytes Inadequately Fill In for Meningeal Macrophages. <i>Trends in Immunology</i> , 2019 , 40, 463-465	14.4	2
193	Low ambient humidity impairs barrier function and innate resistance against influenza infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 10905-10910	11.5	145
192	<i>Aedes aegypti</i> AgBR1 antibodies modulate early Zika virus infection of mice. <i>Nature Microbiology</i> , 2019 , 4, 948-955	26.6	21
191	YTHDF1 Control of Dendritic Cell Cross-Priming as a Possible Target of Cancer Immunotherapy. <i>Biochemistry</i> , 2019 , 58, 1945-1946	3.2	5
190	Successful application of prime and pull strategy for a therapeutic HSV vaccine. <i>Npj Vaccines</i> , 2019 , 4, 33	9.5	20
189	Effector T17 Cells Give Rise to Long-Lived T Cells that Are Essential for an Immediate Response against Bacterial Infection. <i>Cell</i> , 2019 , 178, 1176-1188.e15	56.2	54
188	Human APOBEC3G Prevents Emergence of Infectious Endogenous Retrovirus in Mice. <i>Journal of Virology</i> , 2019 , 93,	6.6	10
187	Rapid temporal improvement of pembrolizumab-induced pneumonitis using the anti-TNF- β antibody infliximab. <i>Drug Discoveries and Therapeutics</i> , 2019 , 13, 164-167	5	9
186	Intratumoral delivery of RIG-I agonist SLR14 induces robust antitumor responses. <i>Journal of Experimental Medicine</i> , 2019 , 216, 2854-2868	16.6	23
185	Ketogenic diet activates protective $\gamma\delta$ T cell responses against influenza virus infection. <i>Science Immunology</i> , 2019 , 4,	28	51
184	Application of a Modified Smart-seq2 Sample Preparation Protocol for Rare Cell Full-length Single-cell mRNA Sequencing to Mouse Oocytes. <i>Bio-protocol</i> , 2019 , 9, e3345	0.9	0
183	Loss of METTL3 Mediated m6A RNA Modification Results in Double-Stranded RNA Induced Innate Immune Response and Hematopoietic Failure. <i>Blood</i> , 2019 , 134, 450-450	2.2	
182	RIG-I Selectively Discriminates against 5RMonophosphate RNA. <i>Cell Reports</i> , 2019 , 26, 2019-2027.e4	10.6	24
181	Murine Leukemia Virus Exploits Innate Sensing by Toll-Like Receptor 7 in B-1 Cells To Establish Infection and Locally Spread in Mice. <i>Journal of Virology</i> , 2019 , 93,	6.6	4
180	RIG-I Recognition of RNA Targets: The Influence of Terminal Base Pair Sequence and Overhangs on Affinity and Signaling. <i>Cell Reports</i> , 2019 , 29, 3807-3815.e3	10.6	7
179	Reply to Iñiguez et al.: ERVmap is a validated approach to mapping proviral endogenous retroviruses in the human genome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 21352-21353	11.5	0
178	Universal Principled Review: A Community-Driven Method to Improve Peer Review. <i>Cell</i> , 2019 , 179, 1441-1445	16.45	4

177	A minimal RNA ligand for potent RIG-I activation in living mice. <i>Science Advances</i> , 2018 , 4, e1701854	14.3	57
176	Topical application of aminoglycoside antibiotics enhances host resistance to viral infections in a microbiota-independent manner. <i>Nature Microbiology</i> , 2018 , 3, 611-621	26.6	46
175	Type I interferons instigate fetal demise after Zika virus infection. <i>Science Immunology</i> , 2018 , 3,	28	133
174	CD47 expression in Epstein-Barr virus-associated gastric carcinoma: coexistence with tumor immunity lowering the ratio of CD8/Foxp3 T cells. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2018 , 472, 643-651	5.1	8
173	KDM5 histone demethylases repress immune response via suppression of STING. <i>PLoS Biology</i> , 2018 , 16, e2006134	9.7	54
172	Critical role of CD4 T cells and IFN β signaling in antibody-mediated resistance to Zika virus infection. <i>Nature Communications</i> , 2018 , 9, 3136	17.4	41
171	An Antiviral Branch of the IL-1 Signaling Pathway Restricts Immune-Evasive Virus Replication. <i>Molecular Cell</i> , 2018 , 71, 825-840.e6	17.6	36
170	1 Type I Interferon Is Necessary and Sufficient for Alloimmunization to Transfused KEL-Expressing RBCs in Mice. <i>American Journal of Clinical Pathology</i> , 2018 , 149, S163-S163	1.9	
169	The interaction between IKK β and LC3 promotes type I interferon production through the TLR9-containing LAPosome. <i>Science Signaling</i> , 2018 , 11,	8.8	44
168	Antiviral CD8 T cells induce Zika-virus-associated paralysis in mice. <i>Nature Microbiology</i> , 2018 , 3, 141-147	26.6	67
167	ERVmap analysis reveals genome-wide transcription of human endogenous retroviruses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 12565-12572	11.5	70
166	Adenocarcinoma of the esophagogastric junction and its background mucosal pathology: A comparative analysis according to Siewert classification in a Japanese cohort. <i>Cancer Medicine</i> , 2018 , 7, 5145-5154	4.8	4
165	Interferons and Proinflammatory Cytokines in Pregnancy and Fetal Development. <i>Immunity</i> , 2018 , 49, 397-412	32.3	149
164	Regional Differences in Airway Epithelial Cells Reveal Tradeoff between Defense against Oxidative Stress and Defense against Rhinovirus. <i>Cell Reports</i> , 2018 , 24, 3000-3007.e3	10.6	30
163	Zika virus causes testicular atrophy. <i>Science Advances</i> , 2017 , 3, e1602899	14.3	92
162	β -Hydroxybutyrate Deactivates Neutrophil NLRP3 Inflammasome to Relieve Gout Flares. <i>Cell Reports</i> , 2017 , 18, 2077-2087	10.6	158
161	Immune Regulation of Antibody Access to Neuronal Tissues. <i>Trends in Molecular Medicine</i> , 2017 , 23, 227-245	24.5	33
160	TAM Receptors Are Not Required for Zika Virus Infection in Mice. <i>Cell Reports</i> , 2017 , 19, 558-568	10.6	100

159	Gastric Cancer With Primitive Enterocyte Phenotype: An Aggressive Subgroup of Intestinal-type Adenocarcinoma. <i>American Journal of Surgical Pathology</i> , 2017 , 41, 989-997	6.7	27
158	Fetal Growth Restriction Caused by Sexual Transmission of Zika Virus in Mice. <i>Journal of Infectious Diseases</i> , 2017 , 215, 1720-1724	7	34
157	Sensing Self and Foreign Circular RNAs by Intron Identity. <i>Molecular Cell</i> , 2017 , 67, 228-238.e5	17.6	226
156	Type I IFN Is Necessary and Sufficient for Inflammation-Induced Red Blood Cell Alloimmunization in Mice. <i>Journal of Immunology</i> , 2017 , 199, 1041-1050	5.3	34
155	Essential role for GABARAP autophagy proteins in interferon-inducible GTPase-mediated host defense. <i>Nature Immunology</i> , 2017 , 18, 899-910	19.1	55
154	Zika virus targets blood monocytes. <i>Nature Microbiology</i> , 2017 , 2, 1460-1461	26.6	15
153	B cells require Type 1 interferon to produce alloantibodies to transfused KEL-expressing red blood cells in mice. <i>Transfusion</i> , 2017 , 57, 2595-2608	2.9	18
152	Aging impairs both primary and secondary RIG-I signaling for interferon induction in human monocytes. <i>Science Signaling</i> , 2017 , 10,	8.8	72
151	Early local immune defences in the respiratory tract. <i>Nature Reviews Immunology</i> , 2017 , 17, 7-20	36.5	151
150	IRE1 β promotes viral infection by conferring resistance to apoptosis. <i>Science Signaling</i> , 2017 , 10,	8.8	21
149	The cellular endosomal protein stannin inhibits intracellular trafficking of human papillomavirus during virus entry. <i>Journal of General Virology</i> , 2017 , 98, 2821-2836	4.9	6
148	Vaginal Exposure to Zika Virus during Pregnancy Leads to Fetal Brain Infection. <i>Cell</i> , 2016 , 166, 1247-1256.e4	56.4	272
147	CD301b(+) Mononuclear Phagocytes Maintain Positive Energy Balance through Secretion of Resistin-like Molecule Alpha. <i>Immunity</i> , 2016 , 45, 583-596	32.3	28
146	CD301b+ dendritic cells stimulate tissue-resident memory CD8+ T cells to protect against genital HSV-2. <i>Nature Communications</i> , 2016 , 7, 13346	17.4	52
145	Viral Spread to Enteric Neurons Links Genital HSV-1 Infection to Toxic Megacolon and Lethality. <i>Cell Host and Microbe</i> , 2016 , 19, 788-99	23.4	37
144	CD301b+ Macrophages Are Essential for Effective Skin Wound Healing. <i>Journal of Investigative Dermatology</i> , 2016 , 136, 1885-1891	4.3	60
143	O-linked sugars sound the alarm. <i>Nature Immunology</i> , 2016 , 17, 119-20	19.1	
142	Autophagy Snuffs a Macrophage's Inner Fire. <i>Cell Host and Microbe</i> , 2016 , 19, 9-11	23.4	2

141	AXL receptor tyrosine kinase is required for T cell priming and antiviral immunity. <i>ELife</i> , 2016 , 5,	8.9	32
140	CD301b dendritic cells suppress T follicular helper cells and antibody responses to protein antigens. <i>ELife</i> , 2016 , 5,	8.9	24
139	Type 1 Interferon Regulates Inflammation Associated RBC Alloimmunization By Promoting Monocyte-Derived Dendritic Cell Erythrophagocytosis in Mice. <i>Blood</i> , 2016 , 128, 19-19	2.2	
138	Two interferon-independent double-stranded RNA-induced host defense strategies suppress the common cold virus at warm temperature. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 8496-501	11.5	29
137	Exploiting Mucosal Immunity for Antiviral Vaccines. <i>Annual Review of Immunology</i> , 2016 , 34, 575-608	34.7	62
136	Access of protective antiviral antibody to neuronal tissues requires CD4 T-cell help. <i>Nature</i> , 2016 , 533, 552-6	50.4	55
135	Mx1 reveals innate pathways to antiviral resistance and lethal influenza disease. <i>Science</i> , 2016 , 352, 463-533	53.3	159
134	Antiviral responses of inbred mice. <i>Nature Reviews Immunology</i> , 2016 , 16, 339	36.5	4
133	Balancing family life with a science career. <i>Nature Immunology</i> , 2015 , 16, 787-90	19.1	5
132	Control of adaptive immunity by the innate immune system. <i>Nature Immunology</i> , 2015 , 16, 343-53	19.1	1078
131	Toll-like receptor 9 trafficking and signaling for type I interferons requires PIKfyve activity. <i>International Immunology</i> , 2015 , 27, 435-45	4.9	20
130	No viral association found in a set of differentiated vulvar intraepithelial neoplasia cases by human papillomavirus and pan-viral microarray testing. <i>PLoS ONE</i> , 2015 , 10, e0125292	3.7	7
129	Cervicovaginal microbiota: simple is better. <i>Immunity</i> , 2015 , 42, 790-1	32.3	13
128	Mucosal Dendritic Cells 2015 , 489-541		3
127	Tissue instruction for migration and retention of TRM cells. <i>Trends in Immunology</i> , 2015 , 36, 556-64	14.4	71
126	Temperature-dependent innate defense against the common cold virus limits viral replication at warm temperature in mouse airway cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 827-32	11.5	132
125	<i>Candida albicans</i> morphology and dendritic cell subsets determine T helper cell differentiation. <i>Immunity</i> , 2015 , 42, 356-366	32.3	136
124	Mitochondrial DNA stress primes the antiviral innate immune response. <i>Nature</i> , 2015 , 520, 553-7	50.4	831

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17	Analytical sensitivity and efficiency comparisons of SARS-CoV-2 qRT-PCR primer-probe sets		51
16	Saliva is more sensitive for SARS-CoV-2 detection in COVID-19 patients than nasopharyngeal swabs		97

15	PD-1 blockade-driven anti-tumor CD8+ T cell immunity requires XCR1+ dendritic cells	2
14	Detection of SARS-CoV-2 RNA by multiplex RT-qPCR	3
13	Longitudinal immunological analyses reveal inflammatory misfiring in severe COVID-19 patients	14
12	Single-Cell Omics Reveals Dyssynchrony of the Innate and Adaptive Immune System in Progressive COVID-19	23
11	SalivaDirect: A simplified and flexible platform to enhance SARS-CoV-2 testing capacity	42
10	Multiscale PHATE Exploration of SARS-CoV-2 Data Reveals Multimodal Signatures of Disease	1
9	Microbiota-independent antiviral protection conferred by aminoglycoside antibiotics	1
8	Innate Immune Priming by cGAS as a Preparatory Countermeasure Against RNA Virus Infection	5
7	Human APOBEC3G prevents emergence of infectious endogenous retrovirus in mice	1
6	Antibody against envelope protein from human endogenous retrovirus activates neutrophils in systemic lupus erythematosus	2
5	PD-1 ^{high} CXCR5 ⁺ CD4 ⁺ Peripheral Helper T (T _{ph}) cells Promote Tissue-Homing Plasmablasts in COVID-19	1
4	High-affinity, neutralizing antibodies to SARS-CoV-2 can be made in the absence of T follicular helper cells	5
3	Change in Symptoms and Immune Response in People with Post-Acute Sequelae of SARS-Cov-2 Infection (PASC) After SARS-Cov-2 Vaccination	7
2	Impact of circulating SARS-CoV-2 variants on mRNA vaccine-induced immunity in uninfected and previously infected individuals	11
1	No evidence of fetal defects or anti-syncytin-1 antibody induction following COVID-19 mRNA vaccination	1