

Helder Imoto Nakaya

List of Publications by Year in descending order

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Version: 2024-02-01

158
papers

14,941
citations

36203

51
h-index

21474

114
g-index

185
all docs

185
docs citations

185
times ranked

24174
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel therapeutic avenues for the study of chronic liver disease and regeneration: The foundation of the Iberoamerican Consortium for the study of liver Cirrhosis. <i>Gastroenterology & Hepatology</i> , 2023, 46, 322-328.	0.2	0
2	Why should obese youth be prioritized in COVID-19 vaccination programs? A nationwide retrospective study. <i>The Lancet Regional Health Americas</i> , 2022, 7, 100167.	1.5	8
3	The evolution of knowledge on genes associated with human diseases. <i>Science</i> , 2022, 25, 103610.	1.9	2
4	Transcriptomic signatures induced by the Ebola virus vaccine rVSV-G-ZEBOV-GP in adult cohorts in Europe, Africa, and North America: a molecular biomarker study. <i>Lancet Microbe</i> , 2022, 3, e113-e123.	3.4	6
5	MS-Driven Metabolic Alterations Are Recapitulated in iPSC-Derived Astrocytes. <i>Annals of Neurology</i> , 2022, 91, 652-669.	2.8	5
6	High-Throughput Transcriptome Analysis for Investigating Host-Pathogen Interactions. <i>Journal of Visualized Experiments</i> , 2022, , .	0.2	1
7	Severe COVID-19 Shares a Common Neutrophil Activation Signature with Other Acute Inflammatory States. <i>Cells</i> , 2022, 11, 847.	1.8	27
8	Insight Into the Long Noncoding RNA and mRNA Coexpression Profile in the Human Blood Transcriptome Upon <i>Leishmania infantum</i> Infection. <i>Frontiers in Immunology</i> , 2022, 13, 784463.	2.2	7
9	Platelet-monocyte interaction amplifies thromboinflammation through tissue factor signaling in COVID-19. <i>Blood Advances</i> , 2022, 6, 5085-5099.	2.5	32
10	HIV infection increases the risk of acquiring <i>Plasmodium vivax</i> malaria: a 4-year cohort study in the Brazilian Amazon HIV and risk of vivax malaria. <i>Scientific Reports</i> , 2022, 12, .	1.6	4
11	Molecular alterations in human milk in simulated maternal nasal mucosal infection with live attenuated influenza vaccination. <i>Mucosal Immunology</i> , 2022, 15, 1040-1047.	2.7	4
12	Genomics, epigenomics and pharmacogenomics of familial hypercholesterolemia (FHBGEP): A study protocol. <i>Research in Social and Administrative Pharmacy</i> , 2021, 17, 1347-1355.	1.5	18
13	Human Transcriptomic Response to the VSV-Vectored Ebola Vaccine. <i>Vaccines</i> , 2021, 9, 67.	2.1	10
14	Melatonin-Index as a biomarker for predicting the distribution of presymptomatic and asymptomatic SARS-CoV-2 carriers. <i>Melatonin Research</i> , 2021, 4, 189-205.	0.7	9
15	Pneumococcal colonization impairs mucosal immune responses to Live Attenuated Influenza Vaccine in adults. <i>JCI Insight</i> , 2021, 6, .	2.3	17
16	Systems immunology of flavivirus infection. , 2021, , 221-234.		2
17	Profiling plasma-extracellular vesicle proteins and microRNAs in diabetes onset in middle-aged male participants in the ELSA-Brazil study. <i>Physiological Reports</i> , 2021, 9, e14731.	0.7	9
18	An Experimental DUAL Model of Advanced Liver Damage. <i>Hepatology Communications</i> , 2021, 5, 1051-1068.	2.0	11

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19	Linking proteomic alterations in schizophrenia hippocampus to NMDAR hypofunction in human neurons and oligodendrocytes. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2021, 271, 1579-1586.	1.8	5
20	Systems Biology Analysis of the Radiation-Attenuated Schistosome Vaccine Reveals a Role for Growth Factors in Protection and Hemostasis Inhibition in Parasite Survival. <i>Frontiers in Immunology</i> , 2021, 12, 624191.	2.2	7
21	Kdm6b Regulates the Generation of Effector CD8+ T Cells by Inducing Chromatin Accessibility in Effector-Associated Genes. <i>Journal of Immunology</i> , 2021, 206, 2170-2183.	0.4	18
22	In-depth analysis of laboratory parameters reveals the interplay between sex, age, and systemic inflammation in individuals with COVID-19. <i>International Journal of Infectious Diseases</i> , 2021, 105, 579-587.	1.5	25
23	Colorimetric RT-LAMP SARS-CoV-2 diagnostic sensitivity relies on color interpretation and viral load. <i>Scientific Reports</i> , 2021, 11, 9026.	1.6	71
24	The relationship between cytokine and neutrophil gene network distinguishes SARS-CoV-2-infected patients by sex and age. <i>JCI Insight</i> , 2021, 6, .	2.3	17
25	P2x7 Receptor Signaling Blockade Reduces Lung Inflammation and Necrosis During Severe Experimental Tuberculosis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 672472.	1.8	15
26	OUTBREAK: a user-friendly georeferencing online tool for disease surveillance. <i>Biological Research</i> , 2021, 54, 20.	1.5	4
27	Gasdermin D inhibition prevents multiple organ dysfunction during sepsis by blocking NET formation. <i>Blood</i> , 2021, 138, 2702-2713.	0.6	107
28	Gene signatures of autopsy lungs from obese patients with COVID-19. <i>Clinical Nutrition ESPEN</i> , 2021, 44, 475-478.	0.5	10
29	Acid pH Increases SARS-CoV-2 Infection and the Risk of Death by COVID-19. <i>Frontiers in Medicine</i> , 2021, 8, 637885.	1.2	20
30	Long non-coding RNAs associated with infection and vaccine-induced immunity. <i>Essays in Biochemistry</i> , 2021, 65, 657-669.	2.1	5
31	Total parasite biomass but not peripheral parasitaemia is associated with endothelial and haematological perturbations in <i>Plasmodium vivax</i> patients. <i>ELife</i> , 2021, 10, .	2.8	15
32	Hidden in plain sight: uncovering the role of CREB1 in HIV-1 vaccine-induced immunity. <i>Nature Immunology</i> , 2021, 22, 1199-1200.	7.0	1
33	Sepsis expands a CD39+ plasmablast population that promotes immunosuppression via adenosine-mediated inhibition of macrophage antimicrobial activity. <i>Immunity</i> , 2021, 54, 2024-2041.e8.	6.6	38
34	Zika virus infection and cytokines. , 2021, , 267-278.		0
35	Co-Exposure of Cardiomyocytes to IFN- β and TNF- α Induces Mitochondrial Dysfunction and Nitro-Oxidative Stress: Implications for the Pathogenesis of Chronic Chagas Disease Cardiomyopathy. <i>Frontiers in Immunology</i> , 2021, 12, 755862.	2.2	17
36	Pediatric COVID-19 patients in South Brazil show abundant viral mRNA and strong specific anti-viral responses. <i>Nature Communications</i> , 2021, 12, 6844.	5.8	22

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37	Prior upregulation of interferon pathways in the nasopharynx impacts viral shedding following live attenuated influenza vaccine challenge in children. <i>Cell Reports Medicine</i> , 2021, 2, 100465.	3.3	6
38	Biological sex influences antibody responses to routine vaccinations in the first year of life. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2020, 109, 147-157.	0.7	7
39	Methods for predicting vaccine immunogenicity and reactogenicity. <i>Human Vaccines and Immunotherapeutics</i> , 2020, 16, 269-276.	1.4	39
40	Hydroquinone exposure alters the morphology of lymphoid organs in vaccinated C57Bl/6 mice. <i>Environmental Pollution</i> , 2020, 257, 113554.	3.7	5
41	Platelet disturbances correlate with endothelial cell activation in uncomplicated <i>Plasmodium vivax</i> malaria. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0007656.	1.3	13
42	Elevated Glucose Levels Favor SARS-CoV-2 Infection and Monocyte Response through a HIF-1 α /Glycolysis-Dependent Axis. <i>Cell Metabolism</i> , 2020, 32, 437-446.e5.	7.2	578
43	Neuroinflammation at single cell level: What is new?. <i>Journal of Leukocyte Biology</i> , 2020, 108, 1129-1137.	1.5	11
44	Evolution and epidemic spread of SARS-CoV-2 in Brazil. <i>Science</i> , 2020, 369, 1255-1260.	6.0	454
45	Immature neutrophil signature associated with the sexual dimorphism of systemic juvenile idiopathic arthritis. <i>Journal of Leukocyte Biology</i> , 2020, 108, 1319-1327.	1.5	6
46	Noninvasive prenatal paternity determination using microhaplotypes: a pilot study. <i>BMC Medical Genomics</i> , 2020, 13, 157.	0.7	4
47	Antigenicity prediction and vaccine recommendation of human influenza virus A (H3N2) using convolutional neural networks. <i>Human Vaccines and Immunotherapeutics</i> , 2020, 16, 2690-2708.	1.4	14
48	Editorial: User-Friendly Tools Applied to Genetics or Systems Biology. <i>Frontiers in Genetics</i> , 2020, 11, 985.	1.1	1
49	Network vaccinology. <i>Seminars in Immunology</i> , 2020, 50, 101420.	2.7	3
50	Variants in the Kisspeptin-GnRH Pathway Modulate the Hormonal Profile and Reproductive Outcomes. <i>DNA and Cell Biology</i> , 2020, 39, 1012-1022.	0.9	3
51	Drug repositioning for psychiatric and neurological disorders through a network medicine approach. <i>Translational Psychiatry</i> , 2020, 10, 141.	2.4	24
52	ACE2 Expression Is Increased in the Lungs of Patients With Comorbidities Associated With Severe COVID-19. <i>Journal of Infectious Diseases</i> , 2020, 222, 556-563.	1.9	302
53	Molecular alterations in the extracellular matrix in the brains of newborns with congenital Zika syndrome. <i>Science Signaling</i> , 2020, 13, .	1.6	39
54	Flavivirus-Mediating B Cell Differentiation Into Antibody-Secreting Cells in Humans Is Associated With the Activation of the Tryptophan Metabolism. <i>Frontiers in Immunology</i> , 2020, 11, 20.	2.2	10

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55	Susceptibility of the Elderly to SARS-CoV-2 Infection: ACE-2 Overexpression, Shedding, and Antibody-dependent Enhancement (ADE). <i>Clinics</i> , 2020, 75, e1912.	0.6	64
56	miRNAs may play a major role in the control of gene expression in key pathobiological processes in Chagas disease cardiomyopathy. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008889.	1.3	31
57	COVID-19 Pandemic and Dysbiosis: Can the Ivermectin Hysteria Lead to an Increase of Autoimmune Neuroinflammatory Diseases?. <i>Critical Reviews in Immunology</i> , 2020, 40, 537-542.	1.0	2
58	São Paulo School of Advanced Sciences on Vaccines: an overview. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2020, 26, e20190061.	0.8	1
59	Toward an Integrated View of Operational Tolerance in Human Renal Transplantation: A Systems Biology Perspective. <i>Critical Reviews in Immunology</i> , 2020, 40, 379-403.	1.0	1
60	Assessing the Impact of Sample Heterogeneity on Transcriptome Analysis of Human Diseases Using MDP Webtool. <i>Frontiers in Genetics</i> , 2019, 10, 971.	1.1	17
61	SerpinB2 inhibits migration and promotes a resolution phase signature in large peritoneal macrophages. <i>Scientific Reports</i> , 2019, 9, 12421.	1.6	26
62	Long noncoding RNAs are involved in multiple immunological pathways in response to vaccination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 17121-17126.	3.3	58
63	Neonatal T Follicular Helper Cells Are Lodged in a Pre-T Follicular Helper Stage Favoring Innate Over Adaptive Germinal Center Responses. <i>Frontiers in Immunology</i> , 2019, 10, 1845.	2.2	14
64	Systems analysis of subjects acutely infected with the Chikungunya virus. <i>PLoS Pathogens</i> , 2019, 15, e1007880.	2.1	33
65	Molecular degree of perturbation of plasma inflammatory markers associated with tuberculosis reveals distinct disease profiles between Indian and Chinese populations. <i>Scientific Reports</i> , 2019, 9, 8002.	1.6	33
66	Predicting RNA Families in Nucleotide Sequences Using StructRNAfinder. <i>Methods in Molecular Biology</i> , 2019, 1962, 15-27.	0.4	2
67	webCEMiTool: Co-expression Modular Analysis Made Easy. <i>Frontiers in Genetics</i> , 2019, 10, 146.	1.1	27
68	Exacerbation of Chikungunya Virus Rheumatic Immunopathology by a High Fiber Diet and Butyrate. <i>Frontiers in Immunology</i> , 2019, 10, 2736.	2.2	30
69	Canonical PI3K ³ signaling in myeloid cells restricts <i>Trypanosoma cruzi</i> infection and dampens chagasic myocarditis. <i>Nature Communications</i> , 2018, 9, 1513.	5.8	19
70	Determinants of antibody persistence across doses and continents after single-dose rVSV-ZEBOV vaccination for Ebola virus disease: an observational cohort study. <i>Lancet Infectious Diseases</i> , The, 2018, 18, 738-748.	4.6	62
71	TGF- β ² signalling defect is linked to low CD39 expression on regulatory T cells and methotrexate resistance in rheumatoid arthritis. <i>Journal of Autoimmunity</i> , 2018, 90, 49-58.	3.0	39
72	Discordant congenital Zika syndrome twins show differential in vitro viral susceptibility of neural progenitor cells. <i>Nature Communications</i> , 2018, 9, 475.	5.8	86

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73	StructRNAfinder: an automated pipeline and web server for RNA families prediction. BMC Bioinformatics, 2018, 19, 55.	1.2	42
74	Gene regulatory and signaling networks exhibit distinct topological distributions of motifs. Physical Review E, 2018, 97, 042417.	0.8	2
75	In situ Immune Signatures and Microbial Load at the Nasopharyngeal Interface in Children With Acute Respiratory Infection. Frontiers in Microbiology, 2018, 9, 2475.	1.5	11
76	Genetic sequence characterization and naturally acquired immune response to Plasmodium vivax Rhoptry Neck Protein 2 (PvRON2). Malaria Journal, 2018, 17, 401.	0.8	6
77	Inflammation induced by influenza virus impairs human innate immune control of pneumococcus. Nature Immunology, 2018, 19, 1299-1308.	7.0	127
78	Daily Rhythms of TNF α Expression and Food Intake Regulate Synchrony of Plasmodium Stages with the Host Circadian Cycle. Cell Host and Microbe, 2018, 23, 796-808.e6.	5.1	59
79	Systems Immunology. Computational Biology, 2018, , 159-173.	0.1	2
80	Acute Zika Virus Infection in an Endemic Area Shows Modest Proinflammatory Systemic Immunoactivation and Cytokine-Symptom Associations. Frontiers in Immunology, 2018, 9, 821.	2.2	36
81	CEMiTool: a Bioconductor package for performing comprehensive modular co-expression analyses. BMC Bioinformatics, 2018, 19, 56.	1.2	215
82	Genomic positional conservation identifies topological anchor point RNAs linked to developmental loci. Genome Biology, 2018, 19, 32.	3.8	114
83	Early pregnancy factor, chaperonin 10 and rheumatoid arthritis; the story unravels. Journal of Translational Science, 2018, 4, .	0.2	0
84	Systems analysis of protective immune responses to RTS,S malaria vaccination in humans. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 2425-2430.	3.3	249
85	Metabolic Phenotypes of Response to Vaccination in Humans. Cell, 2017, 169, 862-877.e17.	13.5	234
86	<i>N</i> -Methyl-D-Aspartate (NMDA) Receptor Blockade Prevents Neuronal Death Induced by Zika Virus Infection. MBio, 2017, 8, .	1.8	70
87	Systems Immunology of Diabetes-Tuberculosis Comorbidity Reveals Signatures of Disease Complications. Scientific Reports, 2017, 7, 1999.	1.6	92
88	Blood Gene Signatures of Chagas Cardiomyopathy With or Without Ventricular Dysfunction. Journal of Infectious Diseases, 2017, 215, 387-395.	1.9	32
89	Adjuvanting a Simian Immunodeficiency Virus Vaccine with Toll-Like Receptor Ligands Encapsulated in Nanoparticles Induces Persistent Antibody Responses and Enhanced Protection in TRIM5 α Restrictive Macaques. Journal of Virology, 2017, 91, .	1.5	70
90	Toxicogenomic and bioinformatics platforms to identify key molecular mechanisms of a curcumin-analogue DM-1 toxicity in melanoma cells. Pharmacological Research, 2017, 125, 178-187.	3.1	15

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91	Specific inhibition of NLRP3 in chikungunya disease reveals a role for inflammasomes in alphavirus-induced inflammation. <i>Nature Microbiology</i> , 2017, 2, 1435-1445.	5.9	77
92	Integration of miRNA and gene expression profiles suggest a role for miRNAs in the pathobiological processes of acute <i>Trypanosoma cruzi</i> infection. <i>Scientific Reports</i> , 2017, 7, 17990.	1.6	46
93	Induction of Cell Cycle and NK Cell Responses by Live-Attenuated Oral Vaccines against Typhoid Fever. <i>Frontiers in Immunology</i> , 2017, 8, 1276.	2.2	10
94	Lower temperatures reduce type I interferon activity and promote alphaviral arthritis. <i>PLoS Pathogens</i> , 2017, 13, e1006788.	2.1	37
95	Calcium/calmodulin-dependent kinase kinase 2 regulates hematopoietic stem and progenitor cell regeneration. <i>Cell Death and Disease</i> , 2017, 8, e3076-e3076.	2.7	22
96	Down-regulation of 14q32-encoded miRNAs and tumor suppressor role for miR-654-3p in papillary thyroid cancer. <i>Oncotarget</i> , 2017, 8, 9597-9607.	0.8	46
97	Systems Vaccinology Applied to DNA Vaccines: Perspective and Challenges. <i>Current Issues in Molecular Biology</i> , 2017, 22, 1-16.	1.0	6
98	Crucial role for T cell-intrinsic IL-18R-MyD88 signaling in cognate immune response to intracellular parasite infection. <i>ELife</i> , 2017, 6, .	2.8	27
99	Antimicrobial peptide LL-37 participates in the transcriptional regulation of melanoma cells. <i>Journal of Cancer</i> , 2016, 7, 2341-2345.	1.2	16
100	SerpinB2 Deficiency Results in a Stratum Corneum Defect and Increased Sensitivity to Topically Applied Inflammatory Agents. <i>American Journal of Pathology</i> , 2016, 186, 1511-1523.	1.9	13
101	Machine Learning for Predicting Vaccine Immunogenicity. <i>Interfaces</i> , 2016, 46, 368-390.	1.6	18
102	Defining CD8+ T cells that provide the proliferative burst after PD-1 therapy. <i>Nature</i> , 2016, 537, 417-421.	13.7	1,371
103	Defining antigen-specific plasmablast and memory B cell subsets in human blood after viral infection or vaccination. <i>Nature Immunology</i> , 2016, 17, 1226-1234.	7.0	348
104	Systems biology of immunity to MF59-adjuvanted versus nonadjuvanted trivalent seasonal influenza vaccines in early childhood. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 1853-1858.	3.3	176
105	The amino acid sensor GCN2 controls gut inflammation by inhibiting inflammasome activation. <i>Nature</i> , 2016, 531, 523-527.	13.7	221
106	Analysis of LexA binding sites and transcriptomics in response to genotoxic stress in <i>Leptospira interrogans</i> . <i>Nucleic Acids Research</i> , 2016, 44, 1179-1191.	6.5	8
107	Myeloperoxidase in human peripheral blood lymphocytes: Production and subcellular localization. <i>Cellular Immunology</i> , 2016, 300, 18-25.	1.4	19
108	MicroRNA Transcriptome Profiling in Heart of <i>Trypanosoma cruzi</i> -Infected Mice: Parasitological and Cardiological Outcomes. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003828.	1.3	79

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109	Synergy of Omeprazole and Praziquantel In Vitro Treatment against <i>Schistosoma mansoni</i> Adult Worms. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0004086.	1.3	17
110	Vaccinology in the era of high-throughput biology. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20140146.	1.8	55
111	Systems Analysis of Immunity to Influenza Vaccination across Multiple Years and in Diverse Populations Reveals Shared Molecular Signatures. <i>Immunity</i> , 2015, 43, 1186-1198.	6.6	286
112	Initial viral load determines the magnitude of the human CD8 T cell response to yellow fever vaccination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 3050-3055.	3.3	111
113	RNA-Binding Protein Musashi1 Is a Central Regulator of Adhesion Pathways in Glioblastoma. <i>Molecular and Cellular Biology</i> , 2015, 35, 2965-2978.	1.1	51
114	Systems vaccinology: Enabling rational vaccine design with systems biological approaches. <i>Vaccine</i> , 2015, 33, 5294-5301.	1.7	108
115	Is the gut microbiome key to modulating vaccine efficacy?. <i>Expert Review of Vaccines</i> , 2015, 14, 777-779.	2.0	16
116	Cyclic Peptides as Modulators of Protein-Protein Interactions. <i>Current Synthetic and Systems Biology</i> , 2015, 03, .	0.3	0
117	Genetic Control of Immune Response and Susceptibility to Infectious Diseases. <i>BioMed Research International</i> , 2014, 2014, 1-3.	0.9	0
118	Systems Biology of Infectious Diseases and Vaccines. , 2014, , 331-358.		2
119	Multiple Immune Factors Are Involved in Controlling Acute and Chronic Chikungunya Virus Infection. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3354.	1.3	145
120	CCR2 Deficiency Promotes Exacerbated Chronic Erosive Neutrophil-Dominated Chikungunya Virus Arthritis. <i>Journal of Virology</i> , 2014, 88, 6862-6872.	1.5	117
121	Molecular signatures of antibody responses derived from a systems biology study of five human vaccines. <i>Nature Immunology</i> , 2014, 15, 195-204.	7.0	672
122	Vaccine Activation of the Nutrient Sensor GCN2 in Dendritic Cells Enhances Antigen Presentation. <i>Science</i> , 2014, 343, 313-317.	6.0	181
123	TLR5-Mediated Sensing of Gut Microbiota Is Necessary for Antibody Responses to Seasonal Influenza Vaccination. <i>Immunity</i> , 2014, 41, 478-492.	6.6	444
124	Dengue Virus Infection Induces Expansion of a CD14+CD16+ Monocyte Population that Stimulates Plasmablast Differentiation. <i>Cell Host and Microbe</i> , 2014, 16, 115-127.	5.1	220
125	Gene signatures related to B cell proliferation predict influenza vaccine-induced antibody response. <i>European Journal of Immunology</i> , 2014, 44, 285-295.	1.6	57
126	Genomic Analyses Reveal Broad Impact of miR-137 on Genes Associated with Malignant Transformation and Neuronal Differentiation in Glioblastoma Cells. <i>PLoS ONE</i> , 2014, 9, e85591.	1.1	38

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127	The Role of Prophage in Plant-Pathogenic Bacteria. Annual Review of Phytopathology, 2013, 51, 429-451.	3.5	76
128	Immunity to viruses: learning from successful human vaccines. Immunological Reviews, 2013, 255, 243-255.	2.8	76
129	Systems biological approaches to measure and understand vaccine immunity in humans. Seminars in Immunology, 2013, 25, 209-218.	2.7	58
130	Chronic but Not Acute Virus Infection Induces Sustained Expansion of Myeloid Suppressor Cell Numbers that Inhibit Viral-Specific T Cell Immunity. Immunity, 2013, 38, 309-321.	6.6	113
131	The Intronic Long Noncoding RNA ANRASSF1 Recruits PRC2 to the RASSF1A Promoter, Reducing the Expression of RASSF1A and Increasing Cell Proliferation. PLoS Genetics, 2013, 9, e1003705.	1.5	180
132	Systems vaccinology. Current Opinion in HIV and AIDS, 2012, 7, 24-31.	1.5	48
133	Gene profiling of Chikungunya virus arthritis in a mouse model reveals significant overlap with rheumatoid arthritis. Arthritis and Rheumatism, 2012, 64, 3553-3563.	6.7	114
134	Systems Biology of Vaccination in the Elderly. Current Topics in Microbiology and Immunology, 2012, 363, 117-142.	0.7	28
135	Systems vaccinology: learning to compute the behavior of vaccine induced immunity. Wiley Interdisciplinary Reviews: Systems Biology and Medicine, 2012, 4, 193-205.	6.6	78
136	Distinct TLR adjuvants differentially stimulate systemic and local innate immune responses in nonhuman primates. Blood, 2012, 119, 2044-2055.	0.6	140
137	Repression of bacterial lipoprotein production by <i>Francisella novicida</i> facilitates evasion of innate immune recognition. Cellular Microbiology, 2012, 14, 1531-1543.	1.1	38
138	Systems biology of vaccination for seasonal influenza in humans. Nature Immunology, 2011, 12, 786-795.	7.0	749
139	Programming the magnitude and persistence of antibody responses with innate immunity. Nature, 2011, 470, 543-547.	13.7	847
140	Phenotype, Function, and Gene Expression Profiles of Programmed Death-1hi CD8 T Cells in Healthy Human Adults. Journal of Immunology, 2011, 186, 4200-4212.	0.4	211
141	Activation of β -Catenin in Dendritic Cells Regulates Immunity Versus Tolerance in the Intestine. Science, 2010, 329, 849-853.	6.0	480
142	Systems Vaccinology. Immunity, 2010, 33, 516-529.	6.6	343
143	The T helper type 2 response to cysteine proteases requires dendritic cell-basophil cooperation via ROS-mediated signaling. Nature Immunology, 2010, 11, 608-617.	7.0	287
144	Systems biology approach predicts immunogenicity of the yellow fever vaccine in humans. Nature Immunology, 2009, 10, 116-125.	7.0	1,019

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145	Conserved tissue expression signatures of intronic noncoding RNAs transcribed from human and mouse loci. <i>Genomics</i> , 2008, 92, 18-25.	1.3	66
146	The Iron Stimulon of <i>Xylella fastidiosa</i> Includes Genes for Type IV Pilus and Colicin V-Like Bacteriocins. <i>Journal of Bacteriology</i> , 2008, 190, 2368-2378.	1.0	44
147	Origins of the <i>Xylella fastidiosa</i> Prophage-Like Regions and Their Impact in Genome Differentiation. <i>PLoS ONE</i> , 2008, 3, e4059.	1.1	50
148	Splice variants of TLE family genes and up-regulation of a TLE3 isoform in prostate tumors. <i>Biochemical and Biophysical Research Communications</i> , 2007, 364, 918-923.	1.0	16
149	Genome mapping and expression analyses of human intronic noncoding RNAs reveal tissue-specific patterns and enrichment in genes related to regulation of transcription. <i>Genome Biology</i> , 2007, 8, R43.	13.9	209
150	Concepts on Microarray Design for Genome and Transcriptome Analyses. , 2007, , 265-307.		3
151	Androgen responsive intronic non-coding RNAs. <i>BMC Biology</i> , 2007, 5, 4.	1.7	73
152	As Antisense RNA Gets Intronic. <i>OMICS A Journal of Integrative Biology</i> , 2005, 9, 2-12.	1.0	37
153	Antisense intronic non-coding RNA levels correlate to the degree of tumor differentiation in prostate cancer. <i>Oncogene</i> , 2004, 23, 6684-6692.	2.6	150
154	RASL11A, member of a novel small monomeric GTPase gene family, is down-regulated in prostate tumors. <i>Biochemical and Biophysical Research Communications</i> , 2004, 316, 618-627.	1.0	29
155	Elevated Glucose Levels Favor Sars-Cov-2 Infection and Monocyte Response Through a Hif-1 \pm /Glycolysis Dependent Axis. <i>SSRN Electronic Journal</i> , 0, , .	0.4	65
156	Automatic detection of the parasite <i>Trypanosoma cruzi</i> in blood smears using a machine learning approach applied to mobile phone images. <i>PeerJ</i> , 0, 10, e13470.	0.9	9
157	Efferocytosis of SARS-CoV-2-infected dying cells impairs macrophage anti-inflammatory functions and clearance of apoptotic cells. <i>ELife</i> , 0, 11, .	2.8	31
158	Tucuxi-BLAST: Enabling fast and accurate record linkage of large-scale health-related administrative databases through a DNA-encoded approach. <i>PeerJ</i> , 0, 10, e13507.	0.9	0