

Hiroaki Shime

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7280846/publications.pdf>

Version: 2024-02-01

43
papers

1,855
citations

304743

22
h-index

276875

41
g-index

43
all docs

43
docs citations

43
times ranked

3142
citing authors

#	ARTICLE	IF	CITATIONS
1	Tumor-Secreted Lactic Acid Promotes IL-23/IL-17 Proinflammatory Pathway. <i>Journal of Immunology</i> , 2008, 180, 7175-7183.	0.8	228
2	Toll-like receptor 3 signaling converts tumor-supporting myeloid cells to tumoricidal effectors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 2066-2071.	7.1	195
3	Molecular basis of clonal expansion of hematopoiesis in 2 patients with paroxysmal nocturnal hemoglobinuria (PNH). <i>Blood</i> , 2006, 108, 4232-4236.	1.4	147
4	Defined TLR3-specific adjuvant that induces NK and CTL activation without significant cytokine production in vivo. <i>Nature Communications</i> , 2015, 6, 6280.	12.8	107
5	Requirement of N-glycan on GPI-anchored proteins for efficient binding of aerolysin but not <i>Clostridium septicum</i> Î±-toxin. <i>EMBO Journal</i> , 2002, 21, 5047-5056.	7.8	105
6	IL-23-dependent and -independent enhancement pathways of IL-17A production by lactic acid. <i>International Immunology</i> , 2011, 23, 29-41.	4.0	82
7	Poly(I:C)-Induced, TLR3/RIP3-Dependent Necroptosis Backs Up Immune Effector-Mediated Tumor Elimination <i>in Vivo</i> . <i>Cancer Immunology Research</i> , 2015, 3, 902-914.	3.4	79
8	Dynamic Regulation of p53 Subnuclear Localization and Senescence by MORC3. <i>Molecular Biology of the Cell</i> , 2007, 18, 1701-1709.	2.1	75
9	Raftlin Is Involved in the Nucleocapture Complex to Induce Poly(I:C)-mediated TLR3 Activation. <i>Journal of Biological Chemistry</i> , 2011, 286, 10702-10711.	3.4	75
10	STING in tumor and host cells cooperatively work for NK cell-mediated tumor growth retardation. <i>Biochemical and Biophysical Research Communications</i> , 2016, 478, 1764-1771.	2.1	66
11	Adjuvant for vaccine immunotherapy of cancer focusing on Toll-like receptor 2 and 3 agonists for safely enhancing antitumor immunity. <i>Cancer Science</i> , 2015, 106, 1659-1668.	3.9	61
12	Toll-like receptor 2 ligand and interferon-Î³ suppress anti-tumor T cell responses by enhancing the immunosuppressive activity of monocytic myeloid-derived suppressor cells. <i>Oncolmmunology</i> , 2018, 7, e1373231.	4.6	52
13	TLR3/TICAM-1 signaling in tumor cell RIP3-dependent necroptosis. <i>Oncolmmunology</i> , 2012, 1, 917-923.	4.6	46
14	Pattern recognition receptors of innate immunity and their application to tumor immunotherapy. <i>Cancer Science</i> , 2010, 101, 313-320.	3.9	38
15	Myeloid-Derived Suppressor Cells Confer Tumor-Suppressive Functions on Natural Killer Cells via Polyinosinic:Polycytidylic Acid Treatment in Mouse Tumor Models. <i>Journal of Innate Immunity</i> , 2014, 6, 293-305.	3.8	35
16	Pam2 lipopeptides systemically increase myeloid-derived suppressor cells through TLR2 signaling. <i>Biochemical and Biophysical Research Communications</i> , 2015, 457, 445-450.	2.1	35
17	Proenkephalin regulatory T cells expanded by ultraviolet B exposure maintain skin homeostasis with a healing function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 20696-20705.	7.1	35
18	Ultraviolet B-Induced Maturation of CD11b-Type Langerin ⁺ Dendritic Cells Controls the Expansion of Foxp3+ Regulatory T Cells in the Skin. <i>Journal of Immunology</i> , 2018, 200, 119-129.	0.8	29

#	ARTICLE	IF	CITATIONS
19	Double-stranded RNA promotes CTL-independent tumor cytolysis mediated by CD11b+Ly6G+ intratumor myeloid cells through the TICAM-1 signaling pathway. <i>Cell Death and Differentiation</i> , 2017, 24, 385-396.	11.2	28
20	Toll-like receptor 3 signal augments radiation-induced tumor growth retardation in a murine model. <i>Cancer Science</i> , 2018, 109, 956-965.	3.9	26
21	Hyperglycemia Is Associated with Psoriatic Inflammation in Both Humans and Mice. <i>Journal of Investigative Dermatology</i> , 2019, 139, 1329-1338.e7.	0.7	26
22	Failure of mycoplasma lipoprotein MALP-2 to induce NK cell activation through dendritic cell TLR2. <i>Microbes and Infection</i> , 2011, 13, 350-358.	1.9	25
23	Vaccine immunotherapy with ARNAX induces tumor-specific memory T cells and durable anti-tumor immunity in mouse models. <i>Cancer Science</i> , 2018, 109, 2119-2129.	3.9	22
24	In Vivo Modifications of Small GTPase Rac and Cdc42 by <i>Bordetella</i> Dermonecrotic Toxin. <i>Infection and Immunity</i> , 2002, 70, 998-1001.	2.2	22
25	The Anti-Oxidant Ergothioneine Augments the Immunomodulatory Function of TLR Agonists by Direct Action on Macrophages. <i>PLoS ONE</i> , 2017, 12, e0169360.	2.5	21
26	Development of Mouse Hepatocyte Lines Permissive for Hepatitis C Virus (HCV). <i>PLoS ONE</i> , 2011, 6, e21284.	2.5	20
27	A rapid and simple PCR method for identifying isolates of the genus <i>Azospirillum</i> within populations of rhizosphere bacteria. <i>Journal of Applied Microbiology</i> , 2011, 111, 915-924.	3.1	20
28	Adjuvant engineering for cancer immunotherapy: Development of a synthetic TLR2 ligand with increased cell adhesion. <i>Cancer Science</i> , 2010, 101, 1596-1603.	3.9	19
29	Natural Killer Cell Activation Secondary to Innate Pattern Sensing. <i>Journal of Innate Immunity</i> , 2011, 3, 264-273.	3.8	19
30	TAMable tumor-associated macrophages in response to innate RNA sensing. <i>Oncotarget</i> , 2012, 1, 1000-1001.	4.6	18
31	Type I Interferon-Independent Dendritic Cell Priming and Antitumor T Cell Activation Induced by a <i>Mycoplasma fermentans</i> Lipopeptide. <i>Frontiers in Immunology</i> , 2018, 9, 496.	4.8	16
32	Association of <i>Pasteurella multocida</i> Toxin with Vimentin. <i>Infection and Immunity</i> , 2002, 70, 6460-6463.	2.2	15
33	Anti-oxidative Amino Acid L-ergothioneine Modulates the Tumor Microenvironment to Facilitate Adjuvant Vaccine Immunotherapy. <i>Frontiers in Immunology</i> , 2019, 10, 671.	4.8	13
34	Foxp3+ CD4+ regulatory T cells control dendritic cells in inducing antigen-specific immunity to emerging SARS-CoV-2 antigens. <i>PLoS Pathogens</i> , 2021, 17, e1010085.	4.7	13
35	Live imaging of transforming growth factor- β activated kinase 1 activation in Lewis lung carcinoma cells implanted into syngeneic mice and treated with polyinosinic:polycytidylic acid. <i>Cancer Science</i> , 2016, 107, 644-652.	3.9	10
36	Tumor cell death by pattern-sensing of exogenous RNA: Tumor cell TLR3 directly induces necroptosis by poly(I:C) in vivo, independent of immune effector-mediated tumor shrinkage. <i>Oncotarget</i> , 2017, 6, e1078968.	4.6	9

#	ARTICLE	IF	CITATIONS
37	Functional Alteration of Tumor-infiltrating Myeloid Cells in RNA Adjuvant Therapy. <i>Anticancer Research</i> , 2015, 35, 4385-92.	1.1	8
38	Crystallization and preliminary crystallographic studies of the <i>Pasteurella multocida</i> toxin catalytic domain. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2006, 62, 906-908.	0.7	6
39	Double-stranded RNA analog and type I interferon regulate expression of Trem paired receptors in murine myeloid cells. <i>BMC Immunology</i> , 2016, 17, 9.	2.2	4
40	The TLR3/TICAM-1 signal constitutively controls spontaneous polyposis through suppression of c-Myc in <i>Apc Min/+</i> mice. <i>Journal of Biomedical Science</i> , 2017, 24, 79.	7.0	2
41	The Role of Innate Immune Signaling in Regulation of Tumor-Associated Myeloid Cells. , 2015, , 25-47.		2
42	Development of monoclonal antibodies that specifically interact with necrotic lymphoma cells. <i>Microbiology and Immunology</i> , 2011, 55, 373-377.	1.4	1
43	Reply to Slominski et al.: UVB irradiation induces proenkephalin+ regulatory T cells with a wound-healing function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, e2021919118.	7.1	0