Shohei Koyama

List of Publications by Year
in descending order

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49 papers	7,655 citations	147726 31 h-index	197736 49 g-index
50 all docs	50 docs citations	50 times ranked	14029 citing authors

#	Article	IF	Citations
1	Adaptive resistance to therapeutic PD-1 blockade is associated with upregulation of alternative immune checkpoints. Nature Communications, 2016, 7, 10501.	5.8	1,163
2	Activation of the PD-1 Pathway Contributes to Immune Escape in EGFR-Driven Lung Tumors. Cancer Discovery, 2013, 3, 1355-1363.	7.7	1,073
3	TANK-binding kinase-1 delineates innate and adaptive immune responses to DNA vaccines. Nature, 2008, 451, 725-729.	13.7	551
4	STK11/LKB1 Deficiency Promotes Neutrophil Recruitment and Proinflammatory Cytokine Production to Suppress T-cell Activity in the Lung Tumor Microenvironment. Cancer Research, 2016, 76, 999-1008.	0.4	451
5	Host Innate Immune Receptors and Beyond: Making Sense of Microbial Infections. Cell Host and Microbe, 2008, 3, 352-363.	5.1	439
6	Sequestration of T cells in bone marrow in the setting of glioblastoma and other intracranial tumors. Nature Medicine, 2018, 24, 1459-1468.	15.2	437
7	T-Cell Exhaustion Signatures Vary with Tumor Type and Are Severe in Glioblastoma. Clinical Cancer Research, 2018, 24, 4175-4186.	3.2	402
8	Innate immune response to viral infection. Cytokine, 2008, 43, 336-341.	1.4	337
9	Loss of Lkb1 and Pten Leads to Lung Squamous Cell Carcinoma with Elevated PD-L1 Expression. Cancer Cell, 2014, 25, 590-604.	7.7	332
10	Differential Role of TLR- and RLR-Signaling in the Immune Responses to Influenza A Virus Infection and Vaccination. Journal of Immunology, 2007, 179, 4711-4720.	0.4	271
11	Apoptosis-derived membrane vesicles drive the cGASâ€“STING pathway and enhance type I IFN production in systemic lupus erythematosus. Annals of the Rheumatic Diseases, 2018, 77, 1507-1515.	0.5	164
12	Interleukin-17A Promotes Lung Tumor Progression through Neutrophil Attraction to Tumor Sites and Mediating Resistance to PD-1 Blockade. Journal of Thoracic Oncology, 2017, 12, 1268-1279.	0.5	152
13	Innate and adaptive immune responses to viral infection and vaccination. Current Opinion in Virology, 2011, 1, 226-232.	2.6	143
14	Cutting Edge: Cooperation of IPS-1- and TRIF-Dependent Pathways in Poly IC-Enhanced Antibody Production and Cytotoxic T Cell Responses. Journal of Immunology, 2008, 180, 683-687.	0.4	139
15	Immune Surveillance and Therapy of Lymphomas Driven by Epstein-Barr Virus Protein LMP1 in a Mouse Model. Cell, 2012, 148, 739-751.	13.5	139
16	Immunogenicity of Whole-Parasite Vaccines against Plasmodium falciparum Involves Malarial Hemozoin and Host TLR9. Cell Host and Microbe, 2010, 7, 50-61.	5.1	135
17	Plasmacytoid Dendritic Cells Delineate Immunogenicity of Influenza Vaccine Subtypes. Science Translational Medicine, 2010, 2, 25ra24.	5.8	124
18	Nonagonistic Dectin-1 ligand transforms CpG into a multitask nanoparticulate TLR9 agonist. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 3086-3091.	3.3	116

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19	Development of Selective Covalent Janus Kinase 3 Inhibitors. Journal of Medicinal Chemistry, 2015, 58, 6589-6606.	2.9	94
20	Semaphorin 6D reverse signaling controls macrophage lipid metabolism and anti-inflammatory polarization. Nature Immunology, 2018, 19, 561-570.	7.0	90
21	Cutting Edge: TLR-Dependent Viral Recognition Along with Type I IFN Positive Feedback Signaling Masks the Requirement of Viral Replication for IFN-Î± Production in Plasmacytoid Dendritic Cells. Journal of Immunology, 2009, 182, 3960-3964.	0.4	83
22	Lkb1 inactivation drives lung cancer lineage switching governed by Polycomb Repressive Complex 2. Nature Communications, 2017, 8, 14922.	5.8	80
23	Molecular and cellular mechanisms of DNA vaccines. Hum Vaccin, 2008, 4, 453-457.	2.4	76
24	The role of multiple toll-like receptor signalling cascades on interactions between biomedical polymers and dendritic cells. Biomaterials, 2010, 31, 5759-5771.	5.7	72
25	Highly immunogenic cancer cells require activation of the WNT pathway for immunological escape. Science Immunology, 2021, 6, eabc6424.	5.6	64
26	Cytotoxic T Cells in PD-L1â€“Positive Malignant Pleural Mesotheliomas Are Counterbalanced by Distinct Immunosuppressive Factors. Cancer Immunology Research, 2016, 4, 1038-1048.	1.6	62
27	Long-term Benefit of PD-L1 Blockade in Lung Cancer Associated with JAK3 Activation. Cancer Immunology Research, 2015, 3, 855-863.	1.6	60
28	Semaphorin 4D inhibits neutrophil activation and is involved in the pathogenesis of neutrophil-mediated autoimmune vasculitis. Annals of the Rheumatic Diseases, 2017, 76, 1440-1448.	0.5	57
29	Immunophenotyping of pediatric brain tumors: correlating immune infiltrate with histology, mutational load, and survival and assessing clonal T cell response. Journal of Neuro-Oncology, 2018, 137, 269-278.	1.4	42
30	Double deletion of tetraspanins CD9 and CD81 in mice leads to a syndrome resembling accelerated aging. Scientific Reports, 2018, 8, 5145.	1.6	35
31	Innate immune control of nucleic acid-based vaccine immunogenicity. Expert Review of Vaccines, 2009, 8, 1099-1107.	2.0	32
32	Compartment-specific bioluminescence imaging platform for the high-throughput evaluation of antitumor immune function. Blood, 2012, 119, e131-e138.	0.6	29
33	Semaphorin 7A promotes EGFR-TKI resistance in EGFR mutant lung adenocarcinoma cells. JCI Insight, 2018, 3, .	2.3	26
34	Intranasal immunization with a mixture of PspA and a Toll-like receptor agonist induces specific antibodies and enhances bacterial clearance in the airways of mice. Vaccine, 2009, 27, 3181-3188.	1.7	23
35	A Signaling Polypeptide Derived from an Innate Immune Adaptor Molecule Can Be Harnessed as a New Class of Vaccine Adjuvant. Journal of Immunology, 2009, 182, 1593-1601.	0.4	17
36	Mycobacterial hypersensitivity pneumonitis requires TLR9-MyD88 in lung CD11b+ CD11c+ cells. European Respiratory Journal, 2011, 38, 688-701.	3.1	16

#	Article	IF	Citations
37	Lamtor1 Is Critically Required for CD4+ T Cell Proliferation and Regulatory T Cell Suppressive Function. Journal of Immunology, 2017, 199, 2008-2019.	0.4	16
38	Lysosomal Protein Lamtor1 Controls Innate Immune Responses via Nuclear Translocation of Transcription Factor EB. Journal of Immunology, 2018, 200, 3790-3800.	0.4	16
39	Intranasal vaccination with pneumococcal surface protein A plus poly(I:C) protects against secondary pneumococcal pneumonia in mice. Vaccine, 2011, 29, 1754-1761.	1.7	13
40	Monitoring antibody binding to T cells in a pembrolizumabâ€treated patient with lung adenocarcinoma on hemodialysis. Thoracic Cancer, 2019, 10, 2183-2187.	0.8	12
41	N-terminal deletion augments the cell-death-inducing activity of BAX in adenoviral gene delivery to nonsmall cell lung cancers. Oncogene, 2003, 22, 2655-2663.	2.6	11
42	Trastuzumab emtansine suppresses the growth of HER2-positive small-cell lung cancer in preclinical models. Biochemical and Biophysical Research Communications, 2017, 488, 596-602.	1.0	9
43	Combined small cell lung carcinoma harboring ALK rearrangement: A case report and literature review. Thoracic Cancer, 2020, 11, 3625-3630.	0.8	9
44	Successful continuous nivolumab therapy for metastatic <scp>nonâ€small</scp> cell lung cancer after local treatment of oligometastatic lesions. Thoracic Cancer, 2020, 11, 2357-2360.	0.8	8
45	Clarifying the biological significance of the CHK 2 K373E somatic mutation discovered in The Cancer Genome Atlas database. FEBS Letters, 2016, 590, 4275-4286.	1.3	7
46	SEMA4A promotes eosinophil survival and contributes to eosinophil-mediated allergic diseases. Allergology International, 2019, 68, 274-276.	1.4	7
47	IL-33 Induces Sema4A Expression in Dendritic Cells and Exerts Antitumor Immunity. Journal of Immunology, 2021, 207, 1456-1467.	0.4	7
48	Selecting suitable chemotherapies for PD-1/PD-L1 blockade to optimize the tumor immune microenvironment. Oncotarget, 2018, 9, 32552-32553.	0.8	4
49	Monitoring PD-1-Blocking Antibodies Bound to T Cells Derived from a Drop of Peripheral Blood. Journal of Visualized Experiments, 2020, , .	0.2	1