

# Ryutaro Fukui

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

1,842  
citations

430442

18  
h-index

433756

31  
g-index

35  
all docs

35  
docs citations

35  
times ranked

2587  
citing authors

#	ARTICLE	IF	CITATIONS
1	Unc93B1 biases Toll-like receptor responses to nucleic acid in dendritic cells toward DNA- but against RNA-sensing. <i>Journal of Experimental Medicine</i> , 2009, 206, 1339-1350.	4.2	285
2	Unc93B1 Restricts Systemic Lethal Inflammation by Orchestrating Toll-like Receptor 7 and 9 Trafficking. <i>Immunity</i> , 2011, 35, 69-81.	6.6	180
3	Double-Stranded RNA of Intestinal Commensal but Not Pathogenic Bacteria Triggers Production of Protective Interferon- $\beta$ . <i>Immunity</i> , 2013, 38, 1187-1197.	6.6	176
4	A protein associated with Toll-like receptor (TLR) 4 (PRAT4A) is required for TLR-dependent immune responses. <i>Journal of Experimental Medicine</i> , 2007, 204, 2963-2976.	4.2	162
5	DNase II-dependent DNA digestion is required for DNA sensing by TLR9. <i>Nature Communications</i> , 2015, 6, 5853.	5.8	107
6	Guanosine and its modified derivatives are endogenous ligands for TLR7. <i>International Immunology</i> , 2016, 28, 211-222.	1.8	97
7	Mechanisms controlling nucleic acid-sensing Toll-like receptors. <i>International Immunology</i> , 2018, 30, 43-51.	1.8	85
8	An essential role for the N-terminal fragment of Toll-like receptor 9 in DNA sensing. <i>Nature Communications</i> , 2013, 4, 1949.	5.8	74
9	Bortezomib suppresses function and survival of plasmacytoid dendritic cells by targeting intracellular trafficking of Toll-like receptors and endoplasmic reticulum homeostasis. <i>Blood</i> , 2011, 117, 500-509.	0.6	73
10	Targeting cell surface TLR7 for therapeutic intervention in autoimmune diseases. <i>Nature Communications</i> , 2015, 6, 6119.	5.8	71
11	TLR7 mediated viral recognition results in focal type I interferon secretion by dendritic cells. <i>Nature Communications</i> , 2017, 8, 1592.	5.8	70
12	UNC93B1 is essential for the plasma membrane localization and signaling of Toll-like receptor 5. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 7072-7077.	3.3	62
13	Combating herpesvirus encephalitis by potentiating a TLR3-mTORC2 axis. <i>Nature Immunology</i> , 2018, 19, 1071-1082.	7.0	52
14	Roles of the Cleaved N-Terminal TLR3 Fragment and Cell Surface TLR3 in Double-Stranded RNA Sensing. <i>Journal of Immunology</i> , 2014, 193, 5208-5217.	0.4	46
15	Species-Specific Minimal Sequence Motif for Oligodeoxyribonucleotides Activating Mouse TLR9. <i>Journal of Immunology</i> , 2015, 195, 4396-4405.	0.4	43
16	Essential role for Toll-like receptor 7 (TLR7)-unique cysteines in an intramolecular disulfide bond, proteolytic cleavage and RNA sensing. <i>International Immunology</i> , 2013, 25, 413-422.	1.8	39
17	Selectivity of Human TLR9 for Double CpG Motifs and Implications for the Recognition of Genomic DNA. <i>Journal of Immunology</i> , 2017, 198, 2093-2104.	0.4	39
18	The protective effect of the anti-Toll-like receptor 9 antibody against acute cytokine storm caused by immunostimulatory DNA. <i>Scientific Reports</i> , 2017, 7, 44042.	1.6	21

#	ARTICLE	IF	CITATIONS
19	Cleavage of DNA and RNA by PLD3 and PLD4 limits autoinflammatory triggering by multiple sensors. <i>Nature Communications</i> , 2021, 12, 5874.	5.8	21
20	Anti-TLR7 Antibody Protects Against Lupus Nephritis in NZBWF1 Mice by Targeting B Cells and Patrolling Monocytes. <i>Frontiers in Immunology</i> , 2021, 12, 777197.	2.2	21
21	Mucolipin 1 positively regulates TLR7 responses in dendritic cells by facilitating RNA transportation to lysosomes. <i>International Immunology</i> , 2015, 27, 83-94.	1.8	19
22	The impact of cell maturation and tissue microenvironments on the expression of endosomal Toll-like receptors in monocytes and macrophages. <i>International Immunology</i> , 2020, 32, 785-798.	1.8	14
23	Cleavage of Toll-Like Receptor 9 Ectodomain Is Required for In Vivo Responses to Single Strand DNA. <i>Frontiers in Immunology</i> , 2018, 9, 1491.	2.2	12
24	Controlling systems of nucleic acid sensing-TLRs restrict homeostatic inflammation. <i>Experimental Cell Research</i> , 2012, 318, 1461-1466.	1.2	11
25	Nucleic Acid Sensing by Toll-Like Receptors in the Endosomal Compartment. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	10
26	Endolysosomal compartments as platforms for orchestrating innate immune and metabolic sensors. <i>Journal of Leukocyte Biology</i> , 2019, 106, 853-862.	1.5	9
27	Cytidine deaminase enables Toll-like receptor 8 activation by cytidine or its analogs. <i>International Immunology</i> , 2019, 31, 167-173.	1.8	9
28	Skewed endosomal RNA responses from TLR7 to TLR3 in RNase T2-deficient macrophages. <i>International Immunology</i> , 2021, 33, 479-490.	1.8	9
29	New application of anti-TLR monoclonal antibodies: detection, inhibition and protection. <i>Inflammation and Regeneration</i> , 2018, 38, 11.	1.5	7
30	Type I IFN Contributes to the Phenotype of Unc93b1D34A/D34A Mice by Regulating TLR7 Expression in B Cells and Dendritic Cells. <i>Journal of Immunology</i> , 2016, 196, 416-427.	0.4	5
31	C4-binding protein negatively regulates <sc>TLR</sc>4/<sc>MD</sc>-response but not <sc>TLR</sc>3 response. <i>FEBS Letters</i> , 2017, 591, 1732-1741.	1.3	5
32	Dynamic control of nucleic-acid-sensing Toll-like receptors by the endosomal compartment. <i>International Immunology</i> , 2021, 33, 835-840.	1.8	3
33	Unc93 homolog B1 restricts systemic lethal inflammation by orchestrating TLR7 and TLR9 response. <i>Arthritis Research and Therapy</i> , 2012, 14, .	1.6	0
34	Homeostatic Inflammation as Environmental-Adaptation Strategy. , 2016, , 25-52.		0