

# Kohki Kawane

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

3,844  
citations

304701

22  
h-index

580810

25  
g-index

28  
all docs

28  
docs citations

28  
times ranked

4724  
citing authors

#	ARTICLE	IF	CITATIONS
1	Autoimmunity and the Clearance of Dead Cells. <i>Cell</i> , 2010, 140, 619-630.	28.9	751
2	Chronic polyarthritis caused by mammalian DNA that escapes from degradation in macrophages. <i>Nature</i> , 2006, 443, 998-1002.	27.8	414
3	Degradation of chromosomal DNA during apoptosis. <i>Cell Death and Differentiation</i> , 2003, 10, 108-116.	11.2	392
4	Requirement of DNase II for Definitive Erythropoiesis in the Mouse Fetal Liver. <i>Science</i> , 2001, 292, 1546-1549.	12.6	333
5	Lethal anemia caused by interferon- $\beta$ produced in mouse embryos carrying undigested DNA. <i>Nature Immunology</i> , 2005, 6, 49-56.	14.5	333
6	Phosphatidylserine-dependent engulfment by macrophages of nuclei from erythroid precursor cells. <i>Nature</i> , 2005, 437, 754-758.	27.8	296
7	Toll-like receptor-independent gene induction program activated by mammalian DNA escaped from apoptotic DNA degradation. <i>Journal of Experimental Medicine</i> , 2005, 202, 1333-1339.	8.5	254
8	Impaired thymic development in mouse embryos deficient in apoptotic DNA degradation. <i>Nature Immunology</i> , 2003, 4, 138-144.	14.5	212
9	Nuclear cataract caused by a lack of DNA degradation in the mouse eye lens. <i>Nature</i> , 2003, 424, 1071-1074.	27.8	169
10	DNase II-dependent DNA digestion is required for DNA sensing by TLR9. <i>Nature Communications</i> , 2015, 6, 5853.	12.8	107
11	Cytokine-dependent but acquired immunity-independent arthritis caused by DNA escaped from degradation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 19432-19437.	7.1	104
12	DNA Degradation and Its Defects. <i>Cold Spring Harbor Perspectives in Biology</i> , 2014, 6, a016394-a016394.	5.5	70
13	Degradation of nuclear DNA by DNase II-like acid DNase in cortical fiber cells of mouse eye lens. <i>FEBS Journal</i> , 2007, 274, 3055-3064.	4.7	67
14	Apaf-1-independent programmed cell death in mouse development. <i>Cell Death and Differentiation</i> , 2010, 17, 931-941.	11.2	61
15	Protective targeting of high mobility group box chromosomal protein 1 in a spontaneous arthritis model. <i>Arthritis and Rheumatism</i> , 2010, 62, 2963-2972.	6.7	49
16	<scp>ANGPTL</scp>2 expression in the intestinal stem cell niche controls epithelial regeneration and homeostasis. <i>EMBO Journal</i> , 2017, 36, 409-424.	7.8	48
17	DNase II and the Chk2 DNA Damage Pathway Form a Genetic Barrier Blocking Replication of Horizontally Transferred DNA. <i>Molecular Cancer Research</i> , 2006, 4, 187-195.	3.4	36
18	Chapter Fourteen Nucleases in Programmed Cell Death. <i>Methods in Enzymology</i> , 2008, 442, 271-287.	1.0	30

#	ARTICLE	IF	CITATIONS
19	Structure and promoter analysis of murine CAD and ICAD genes. <i>Cell Death and Differentiation</i> , 1999, 6, 745-752.	11.2	29
20	Mutually regulated expression of caspase-activated DNase and its inhibitor for apoptotic DNA fragmentation. <i>Cell Death and Differentiation</i> , 2003, 10, 142-143.	11.2	27
21	IFN regulatory factor (IRF) 3/7-dependent and -independent gene induction by mammalian DNA that escapes degradation. <i>European Journal of Immunology</i> , 2008, 38, 3150-3158.	2.9	27
22	Autoinflammation by Endogenous DNA. <i>Advances in Immunology</i> , 2011, 110, 139-161.	2.2	24
23	Interferon-induced TRAIL-independent cell death in <i>DNase II<sup>-/-</sup></i> embryos. <i>European Journal of Immunology</i> , 2010, 40, 2590-2598.	2.9	7
24	Chronic polyarthritis caused by mammalian DNA that escapes from degradation in macrophages. <i>Inflammation and Regeneration</i> , 2009, 29, 204-208.	3.7	2