

# Daisuke Tsuchimoto

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7480724/publications.pdf>

Version: 2024-02-01

24  
papers

910  
citations

567281

15  
h-index

610901

24  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1231  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cisplatin-Mediated Upregulation of APE2 Binding to MYH9 Provokes Mitochondrial Fragmentation and Acute Kidney Injury. <i>Cancer Research</i> , 2021, 81, 713-723.	0.9	24
2	MTH1 and OGG1 maintain a low level of 8-oxoguanine in Alzheimer's brain, and prevent the progression of Alzheimer's pathogenesis. <i>Scientific Reports</i> , 2021, 11, 5819.	3.3	18
3	Serum Anti-oligodendrocyte Autoantibodies in Patients With Multiple Sclerosis Detected by a Tissue-Based Immunofluorescence Assay. <i>Frontiers in Neurology</i> , 2021, 12, 681980.	2.4	3
4	APE2 Is a General Regulator of the ATR-Chk1 DNA Damage Response Pathway to Maintain Genome Integrity in Pancreatic Cancer Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 738502.	3.7	8
5	Neural stem cell-specific ITPA deficiency causes neural depolarization and epilepsy. <i>JCI Insight</i> , 2020, 5, .	5.0	5
6	8-Oxoguanine accumulation in aged female brain impairs neurogenesis in the dentate gyrus and major island of Calleja, causing sexually dimorphic phenotypes. <i>Progress in Neurobiology</i> , 2019, 180, 101613.	5.7	10
7	A Novel Autoantibody against Plexin $\alpha$ 1 in Patients with Neuropathic Pain. <i>Annals of Neurology</i> , 2018, 84, 208-224.	5.3	20
8	2-Oxoadenosine induces cytotoxicity through intracellular accumulation of 2-oxo-ATP and depletion of ATP but not via the p38 MAPK pathway. <i>Scientific Reports</i> , 2017, 7, 6528.	3.3	2
9	$\beta$ -deficiency improves lipid metabolism and atherosclerosis in apolipoprotein E-deficient mice. <i>Genes To Cells</i> , 2016, 21, 1030-1048.	1.2	5
10	Deoxyinosine triphosphate induces MLH1/PMS2- and p53-dependent cell growth arrest and DNA instability in mammalian cells. <i>Scientific Reports</i> , 2016, 6, 32849.	3.3	15
11	Apurinic/Apyrimidinic Endonuclease 2 Regulates the Expansion of Germinal Centers by Protecting against Activation-Induced Cytidine Deaminase-Independent DNA Damage in B Cells. <i>Journal of Immunology</i> , 2014, 193, 931-939.	0.8	15
12	Differential expression of APE1 and APE2 in germinal centers promotes error-prone repair and A:T mutations during somatic hypermutation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 9217-9222.	7.1	52
13	Apurinic/Apyrimidinic Endonuclease 2 Is Necessary for Normal B Cell Development and Recovery of Lymphoid Progenitors after Chemotherapeutic Challenge. <i>Journal of Immunology</i> , 2011, 186, 1943-1950.	0.8	26
14	NUDT16 and ITPA play a dual protective role in maintaining chromosome stability and cell growth by eliminating dIDP/IDP and dITP/ITP from nucleotide pools in mammals. <i>Nucleic Acids Research</i> , 2010, 38, 2891-2903.	14.5	55
15	A comprehensive screening system for damaged nucleotide-binding proteins. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2010, 703, 37-42.	1.7	9
16	Programmed cell death triggered by nucleotide pool damage and its prevention by MutT homolog-1 (MTH1) with oxidized purine nucleoside triphosphatase. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2010, 703, 51-58.	1.7	58
17	ITPA protein, an enzyme that eliminates deaminated purine nucleoside triphosphates in cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2010, 703, 43-50.	1.7	43
18	Mouse RS21 is a mammalian deoxycytidine triphosphate pyrophosphohydrolase that prefers dCTP. <i>FEBS Journal</i> , 2009, 276, 1654-1666.	4.7	21

#	ARTICLE	IF	CITATIONS
19	Mutagenesis and carcinogenesis caused by the oxidation of nucleic acids. <i>Biological Chemistry</i> , 2006, 387, 373-9.	2.5	212
20	Characterization of the Structure and Expression of Mouse Itpa Gene and its Related Sequences in the Mouse Genome. <i>DNA Research</i> , 2005, 12, 39-51.	3.4	20
21	Biological Significance of the Defense Mechanisms against Oxidative Damage in Nucleic Acids Caused by Reactive Oxygen Species: From Mitochondria to Nuclei. <i>Annals of the New York Academy of Sciences</i> , 2004, 1011, 101-111.	3.8	69
22	Growth retardation and dyslymphopoiesis accompanied by G2/M arrest in APEX2-null mice. <i>Blood</i> , 2004, 104, 4097-4103.	1.4	45
23	Characterization of the genomic structure and expression of the mouse Apex2 gene. <i>Genomics</i> , 2003, 81, 47-57.	2.9	30
24	Human APE2 protein is mostly localized in the nuclei and to some extent in the mitochondria, while nuclear APE2 is partly associated with proliferating cell nuclear antigen. <i>Nucleic Acids Research</i> , 2001, 29, 2349-2360.	14.5	145