

# Katja Scheffler

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

364  
citations

840119

11  
h-index

839053

18  
g-index

23  
all docs

23  
docs citations

23  
times ranked

589  
citing authors

#	ARTICLE	IF	CITATIONS
1	DNA glycosylase Neil3 regulates vascular smooth muscle cell biology during atherosclerosis development. <i>Atherosclerosis</i> , 2021, 324, 123-132.	0.4	11
2	Impact of Oxidative DNA Damage and the Role of DNA Glycosylases in Neurological Dysfunction. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12924.	1.8	5
3	NEIL1 and NEIL2 DNA glycosylases modulate anxiety and learning in a cooperative manner in mice. <i>Communications Biology</i> , 2021, 4, 1354.	2.0	8
4	HMST-Seq-Analyzer: A new python tool for differential methylation and hydroxymethylation analysis in various DNA methylation sequencing data. <i>Computational and Structural Biotechnology Journal</i> , 2020, 18, 2877-2889.	1.9	4
5	DNA glycosylase Neil2 contributes to genomic responses in the spleen during clinical prion disease. <i>Free Radical Biology and Medicine</i> , 2020, 152, 348-354.	1.3	4
6	Diverse functions of DNA glycosylases processing oxidative base lesions in brain. <i>DNA Repair</i> , 2019, 81, 102665.	1.3	10
7	Neuromodulatory Effect of NLRP3 and ASC in Neonatal Hypoxic Ischemic Encephalopathy. <i>Neonatology</i> , 2019, 115, 355-362.	0.9	24
8	8-oxoguanine DNA glycosylase (Ogg1) controls hepatic gluconeogenesis. <i>DNA Repair</i> , 2018, 61, 56-62.	1.3	12
9	NEIL3-Dependent Regulation of Cardiac Fibroblast Proliferation Prevents Myocardial Rupture. <i>Cell Reports</i> , 2017, 18, 82-92.	2.9	45
10	No cancer predisposition or increased spontaneous mutation frequencies in NEIL DNA glycosylases-deficient mice. <i>Scientific Reports</i> , 2017, 7, 4384.	1.6	37
11	Enhanced base excision repair capacity in carotid atherosclerosis may protect nuclear DNA but not mitochondrial DNA. <i>Free Radical Biology and Medicine</i> , 2016, 97, 386-397.	1.3	3
12	Neil3-dependent base excision repair regulates lipid metabolism and prevents atherosclerosis in Apoe-deficient mice. <i>Scientific Reports</i> , 2016, 6, 28337.	1.6	26
13	PML regulates neuroprotective innate immunity and neuroblast commitment in a hypoxic-ischemic encephalopathy model. <i>Cell Death and Disease</i> , 2016, 7, e2320-e2320.	2.7	9
14	Neil3 induced neurogenesis protects against prion disease during the clinical phase. <i>Scientific Reports</i> , 2016, 6, 37844.	1.6	24
15	Quantification of DNA Damage by Real-Time qPCR. <i>Methods in Molecular Biology</i> , 2016, 1351, 27-32.	0.4	21
16	Synergistic Actions of Ogg1 and Mutyh DNA Glycosylases Modulate Anxiety-like Behavior in Mice. <i>Cell Reports</i> , 2015, 13, 2671-2678.	2.9	39
17	Addressing RNA Integrity to Determine the Impact of Mitochondrial DNA Mutations on Brain Mitochondrial Function with Age. <i>PLoS ONE</i> , 2014, 9, e96940.	1.1	5
18	The distribution of DNA damage is defined by region-specific susceptibility to DNA damage formation rather than repair differences. <i>DNA Repair</i> , 2014, 18, 44-51.	1.3	13

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19	Accelerated clinical course of prion disease in mice compromised in repair of oxidative DNA damage. <i>Free Radical Biology and Medicine</i> , 2014, 68, 1-7.	1.3	11
20	Genome instability in Maple Syrup Urine Disease correlates with impaired mitochondrial biogenesis. <i>Metabolism: Clinical and Experimental</i> , 2014, 63, 1063-1070.	1.5	16
21	Lack of the DNA glycosylases MYH and OGG1 in the cancer prone double mutant mouse does not increase mitochondrial DNA mutagenesis. <i>DNA Repair</i> , 2012, 11, 278-285.	1.3	36