Katja Scheffler

List of Publications by Year
in descending order

21	364	840776 11	839539 18
papers	citations	h-index	g-index

23	23	23	589
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	DNA glycosylase Neil3 regulates vascular smooth muscle cell biology during atherosclerosis development. Atherosclerosis, 2021, 324, 123-132.	0.8	11
2	Impact of Oxidative DNA Damage and the Role of DNA Glycosylases in Neurological Dysfunction. International Journal of Molecular Sciences, 2021, 22, 12924.	4.1	5
3	NEIL1 and NEIL2 DNA glycosylases modulate anxiety and learning in a cooperative manner in mice. Communications Biology, 2021, 4, 1354.	4.4	8
4	HMST-Seq-Analyzer: A new python tool for differential methylation and hydroxymethylation analysis in various DNA methylation sequencing data. Computational and Structural Biotechnology Journal, 2020, 18, 2877-2889.	4.1	4
5	DNA glycosylase Neil2 contributes to genomic responses in the spleen during clinical prion disease. Free Radical Biology and Medicine, 2020, 152, 348-354.	2.9	4
6	Diverse functions of DNA glycosylases processing oxidative base lesions in brain. DNA Repair, 2019, 81, 102665.	2.8	10
7	Neuromodulatory Effect of NLRP3 and ASC in Neonatal Hypoxic Ischemic Encephalopathy. Neonatology, 2019, 115, 355-362.	2.0	24
8	8-oxoguanine DNA glycosylase (Ogg1) controls hepatic gluconeogenesis. DNA Repair, 2018, 61, 56-62.	2.8	12
9	NEIL3-Dependent Regulation of Cardiac Fibroblast Proliferation Prevents Myocardial Rupture. Cell Reports, 2017, 18, 82-92.	6.4	45
10	No cancer predisposition or increased spontaneous mutation frequencies in NEIL DNA glycosylases-deficient mice. Scientific Reports, 2017, 7, 4384.	3.3	37
11	Enhanced base excision repair capacity in carotid atherosclerosis may protect nuclear DNA but not mitochondrial DNA. Free Radical Biology and Medicine, 2016, 97, 386-397.	2.9	3
12	Neil3-dependent base excision repair regulates lipid metabolism and prevents atherosclerosis in Apoe-deficient mice. Scientific Reports, 2016, 6, 28337.	3.3	26
13	PML regulates neuroprotective innate immunity and neuroblast commitment in a hypoxicâ€“ischemic encephalopathy model. Cell Death and Disease, 2016, 7, e2320-e2320.	6.3	9
14	Neil3 induced neurogenesis protects against prion disease during the clinical phase. Scientific Reports, 2016, 6, 37844.	3.3	24
15	Quantification of DNA Damage by Real-Time qPCR. Methods in Molecular Biology, 2016, 1351, 27-32.	0.9	21
16	Synergistic Actions of Ogg1 and Mutyh DNA Glycosylases Modulate Anxiety-like Behavior in Mice. Cell Reports, 2015, 13, 2671-2678.	6.4	39
17	Addressing RNA Integrity to Determine the Impact of Mitochondrial DNA Mutations on Brain Mitochondrial Function with Age. PLoS ONE, 2014, 9, e96940.	2.5	5
18	The distribution of DNA damage is defined by region-specific susceptibility to DNA damage formation rather than repair differences. DNA Repair, 2014, 18, 44-51.	2.8	13

#	Article	IF	Citations
19	Accelerated clinical course of prion disease in mice compromised in repair of oxidative DNA damage. Free Radical Biology and Medicine, 2014, 68, 1-7.	2.9	11
20	Genome instability in Maple Syrup Urine Disease correlates with impaired mitochondrial biogenesis. Metabolism: Clinical and Experimental, 2014, 63, 1063-1070.	3.4	16
21	Lack of the DNA glycosylases MYH and OGG1 in the cancer prone double mutant mouse does not increase mitochondrial DNA mutagenesis. DNA Repair, 2012, 11, 278-285.	2.8	36