

Umakanta Swain

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4101728/publications.pdf>

Version: 2024-02-01

13
papers

315
citations

1040056

9
h-index

1125743

13
g-index

16
all docs

16
docs citations

16
times ranked

728
citing authors

#	ARTICLE	IF	CITATIONS
1	Study of DNA damage via the comet assay and base excision repair activities in rat brain neurons and astrocytes during aging. <i>Mechanisms of Ageing and Development</i> , 2011, 132, 374-381.	4.6	68
2	Mutational signatures reveal the role of RAD52 in p53-independent p21-driven genomic instability. <i>Genome Biology</i> , 2018, 19, 37.	8.8	60
3	Identification of novel DNA-damage tolerance genes reveals regulation of translesion DNA synthesis by nucleophosmin. <i>Nature Communications</i> , 2014, 5, 5437.	12.8	43
4	Increased macromolecular damage due to oxidative stress in the neocortex and hippocampus of WNIN/Ob, a novel rat model of premature aging. <i>Neuroscience</i> , 2014, 269, 256-264.	2.3	37
5	High-resolution genomic assays provide insight into the division of labor between TLS and HDR in mammalian replication of damaged DNA. <i>DNA Repair</i> , 2016, 44, 59-67.	2.8	25
6	Age-dependent decline of DNA base excision repair activity in rat cortical neurons. <i>Mechanisms of Ageing and Development</i> , 2012, 133, 186-194.	4.6	19
7	Cell Death is Associated with Reduced Base Excision Repair During Chronic Alcohol Administration in Adult Rat Brain. <i>Neurochemical Research</i> , 2008, 33, 1117-1128.	3.3	15
8	Studies on the molecular correlates of genomic stability in rat brain cells following Amalakirasayana therapy. <i>Mechanisms of Ageing and Development</i> , 2012, 133, 112-117.	4.6	14
9	Topoisomerase III ^β regulates base excision repair capacity of neurons. <i>Mechanisms of Ageing and Development</i> , 2012, 133, 203-213.	4.6	14
10	TENT4A Non-Canonical Poly(A) Polymerase Regulates DNA-Damage Tolerance via Multiple Pathways That Are Mutated in Endometrial Cancer. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6957.	4.1	9
11	Age-Related Decline in DNA Polymerase III ^β Activity in Rat Brain and Tissues. <i>Neurochemical Research</i> , 2012, 37, 991-995.	3.3	5
12	Dietary Calorie Restriction from Adulthood Through Old Age in Rats: Improved DNA Polymerase III ^β and DNA Gap Repair Activity in Cortical Neurons. <i>Neurochemical Research</i> , 2016, 41, 270-277.	3.3	4
13	Base Excision DNA Repair: The House Keeping Guardian for Genomic Stability in the Brain. , 2012, , 19-36.		0