

Sergey Shaposhnikov

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2509823/publications.pdf>

Version: 2024-02-01

25
papers

1,091
citations

471509

17
h-index

580821

25
g-index

25
all docs

25
docs citations

25
times ranked

1828
citing authors

#	ARTICLE	IF	CITATIONS
1	DNA oxidation: Investigating its key role in environmental mutagenesis with the comet assay. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2009, 674, 101-108.	1.7	161
2	High throughput toxicity screening and intracellular detection of nanomaterials. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2017, 9, e1413.	6.1	101
3	<i>In vitro</i> genotoxicity testing of four reference metal nanomaterials, titanium dioxide, zinc oxide, cerium oxide and silver: towards reliable hazard assessment. <i>Mutagenesis</i> , 2017, 32, 117-126.	2.6	93
4	Twelve-gel slide format optimised for comet assay and fluorescent in situ hybridisation. <i>Toxicology Letters</i> , 2010, 195, 31-34.	0.8	87
5	Comet assay-based methods for measuring DNA repair in vitro; estimates of inter- and intra-individual variation. <i>Cell Biology and Toxicology</i> , 2009, 25, 45-52.	5.3	86
6	Controlling variation in the comet assay. <i>Frontiers in Genetics</i> , 2014, 5, 359.	2.3	83
7	DNA damage and repair measured in different genomic regions using the comet assay with fluorescent in situ hybridization. <i>Mutagenesis</i> , 2004, 19, 269-276.	2.6	63
8	Chondroitin Sulfate Proteoglycans: Structure-Function Relationship with Implication in Neural Development and Brain Disorders. <i>BioMed Research International</i> , 2014, 2014, 1-11.	1.9	63
9	Single-cell gel electrophoresis (the comet assay): Loops or fragments?. <i>Electrophoresis</i> , 2008, 29, 3005-3012.	2.4	47
10	Increasing the resolution of the comet assay using fluorescent in situ hybridization--a review. <i>Mutagenesis</i> , 2009, 24, 383-389.	2.6	45
11	Angiotensin-converting enzyme inhibition, antioxidant activity and cytotoxicity of bioactive peptides from fermented bovine colostrum. <i>International Journal of Dairy Technology</i> , 2020, 73, 108-116.	2.8	34
12	Coffee and oxidative stress: a human intervention study. <i>European Journal of Nutrition</i> , 2018, 57, 533-544.	3.9	32
13	Potassium bromate as positive assay control for the Fpg-modified comet assay. <i>Mutagenesis</i> , 2020, 35, 341-348.	2.6	32
14	Detection of Alu sequences and mtDNA in comets using padlock probes. <i>Mutagenesis</i> , 2006, 21, 243-247.	2.6	29
15	Combining Fluorescent In Situ Hybridization with the Comet Assay for Targeted Examination of DNA Damage and Repair. <i>Methods in Molecular Biology</i> , 2011, 682, 115-132.	0.9	22
16	Characterization of the proteome and lipidome profiles of human lung cells after low dose and chronic exposure to multiwalled carbon nanotubes. <i>Nanotoxicology</i> , 2018, 12, 138-152.	3.0	20
17	Active biomonitoring of mussels <i>Mytilus galloprovincialis</i> with integrated use of micronucleus assay and physiological indices to assess harbor pollution. <i>Marine Pollution Bulletin</i> , 2016, 110, 52-64.	5.0	18
18	High throughput sample processing and automated scoring. <i>Frontiers in Genetics</i> , 2014, 5, 373.	2.3	17

#	ARTICLE	IF	CITATIONS
19	High-Resolution Integrated Map Encompassing the Breast Cancer Loss of Heterozygosity Region on Human Chromosome 16q22.1. <i>Genomics</i> , 2000, 70, 273-285.	2.9	14
20	Study of gene-specific DNA repair in the comet assay with padlock probes and rolling circle amplification. <i>Toxicology Letters</i> , 2011, 202, 142-147.	0.8	11
21	Fluorescent In Situ Hybridization on Comets: FISH Comet. <i>Methods in Molecular Biology</i> , 2015, 1288, 363-373.	0.9	9
22	Isolation of leukocytes from frozen buffy coat for comet assay analysis of DNA damage. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2019, 843, 18-23.	1.7	9
23	TLR9 stimulation of B-cells induces transcription of p53 and prevents spontaneous and irradiation-induced cell death independent of DNA damage responses. Implications for Common variable immunodeficiency. <i>PLoS ONE</i> , 2017, 12, e0185708.	2.5	6
24	Twelve-Gel Comet Assay Format for Quick Examination of DNA Damage and Repair. <i>Methods in Molecular Biology</i> , 2017, 1644, 181-186.	0.9	5
25	Cellular responses of human astrocytoma cells to dust from the Acheson process: An in vitro study. <i>NeuroToxicology</i> , 2018, 65, 241-247.	3.0	4