

Durga Nand Tripathi

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

7,530
citations

201674

27
h-index

214800

47
g-index

51
all docs

51
docs citations

51
times ranked

18376
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	ATM functions at the peroxisome to induce pexophagy in response to ROS. <i>Nature Cell Biology</i> , 2015, 17, 1259-1269.	10.3	361
3	A tuberous sclerosis complex signalling node at the peroxisome regulates mTORC1 and autophagy in response to ROS. <i>Nature Cell Biology</i> , 2013, 15, 1186-1196.	10.3	218
4	Reactive nitrogen species regulate autophagy through ATM-AMPK-TSC2-mediated suppression of mTORC1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E2950-7.	7.1	212
5	Dual Chromatin and Cytoskeletal Remodeling by SETD2. <i>Cell</i> , 2016, 166, 950-962.	28.9	204
6	Astaxanthin intervention ameliorates cyclophosphamide-induced oxidative stress, DNA damage and early hepatocarcinogenesis in rat: Role of Nrf2, p53, p38 and phase-II enzymes. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2010, 696, 69-80.	1.7	134
7	Intervention of astaxanthin against cyclophosphamide-induced oxidative stress and DNA damage: A study in mice. <i>Chemico-Biological Interactions</i> , 2009, 180, 398-406.	4.0	122
8	Astaxanthin inhibits cytotoxic and genotoxic effects of cyclophosphamide in mice germ cells. <i>Toxicology</i> , 2008, 248, 96-103.	4.2	121
9	Intermittent fasting prevents the progression of type I diabetic nephropathy in rats and changes the expression of Sir2 and p53. <i>FEBS Letters</i> , 2007, 581, 1071-1078.	2.8	107
10	Methotrexate-induced cytotoxicity and genotoxicity in germ cells of mice: Intervention of folic and folinic acid. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2009, 673, 43-52.	1.7	93
11	Effect of melatonin on the expression of Nrf2 and NF- κ B during cyclophosphamide-induced urinary bladder injury in rat. <i>Journal of Pineal Research</i> , 2010, 48, 324-331.	7.4	87
12	Cardioprotective Effects of Hesperetin against Doxorubicin-Induced Oxidative Stress and DNA Damage in Rat. <i>Cardiovascular Toxicology</i> , 2011, 11, 215-225.	2.7	86
13	Redox Regulation of Homeostasis and Proteostasis in Peroxisomes. <i>Physiological Reviews</i> , 2018, 98, 89-115.	28.8	79
14	Comprehensive Molecular Characterization Identifies Distinct Genomic and Immune Hallmarks of Renal Medullary Carcinoma. <i>Cancer Cell</i> , 2020, 37, 720-734.e13.	16.8	74
15	Antioxidant and antimutagenic effect of quercetin against DEN induced hepatotoxicity in rat. <i>Phytotherapy Research</i> , 2010, 24, 119-128.	5.8	71
16	Hesperetin protects testicular toxicity of doxorubicin in rat: Role of NF- κ B, p38 and caspase-3. <i>Food and Chemical Toxicology</i> , 2011, 49, 838-847.	3.6	67
17	Autophagy mediates HIF2 α degradation and suppresses renal tumorigenesis. <i>Oncogene</i> , 2015, 34, 2450-2460.	5.9	63
18	p53 Is a Master Regulator of Proteostasis in SMARCB1-Deficient Malignant Rhabdoid Tumors. <i>Cancer Cell</i> , 2019, 35, 204-220.e9.	16.8	62

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19	Cytotoxic and genotoxic effects of methotrexate in germ cells of male Swiss mice. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2008, 655, 59-67.	1.7	61
20	The peroxisome as a cell signaling organelle. Current Opinion in Cell Biology, 2016, 39, 109-112.	5.4	56
21	Intervention of α -lipoic acid ameliorates methotrexate-induced oxidative stress and genotoxicity: A study in rat intestine. Chemico-Biological Interactions, 2010, 183, 85-97.	4.0	51
22	SETD2 Haploinsufficiency for Microtubule Methylation Is an Early Driver of Genomic Instability in Renal Cell Carcinoma. Cancer Research, 2018, 78, 3135-3146.	0.9	48
23	Evaluation of male germ cell toxicity in rats: Correlation between sperm head morphology and sperm comet assay. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2010, 703, 115-121.	1.7	47
24	A new role for ATM in selective autophagy of peroxisomes (pexophagy). Autophagy, 2016, 12, 711-712.	9.1	45
25	Intervention of d-glucose ameliorates the toxicity of streptozotocin in accessory sex organs of rat. Toxicology and Applied Pharmacology, 2008, 226, 84-93.	2.8	34
26	Evaluation of streptozotocin genotoxicity in rats from different ages using the micronucleus assay. Regulatory Toxicology and Pharmacology, 2007, 49, 238-244.	2.7	32
27	The Huntingtin-interacting protein SETD2/HYPB is an actin lysine methyltransferase. Science Advances, 2020, 6, .	10.3	29
28	Ebselen attenuates cyclophosphamide-induced oxidative stress and DNA damage in mice. Free Radical Research, 2008, 42, 966-977.	3.3	28
29	Use of the alkaline comet assay for the detection of transplacental genotoxins in newborn mice. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2008, 653, 134-139.	1.7	23
30	MDM2 Inhibitor, Nutlin 3a, Induces p53 Dependent Autophagy in Acute Leukemia by AMP Kinase Activation. PLoS ONE, 2015, 10, e0139254.	2.5	23
31	Oxidative Stress and Autophagy in Metabolism and Longevity. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-3.	4.0	20
32	A cytoskeletal function for PBRM1 reading methylated microtubules. Science Advances, 2021, 7, .	10.3	17
33	Neuronal SETD2 activity links microtubule methylation to an anxiety-like phenotype in mice. Brain, 2021, 144, 2527-2540.	7.6	17
34	Quercetin Inhibits Diethylnitrosamine-Induced Hepatic Preneoplastic Lesions in Rats. Nutrition and Cancer, 2011, 63, 234-241.	2.0	16
35	Furosemide-induced genotoxicity and cytotoxicity in the hepatocytes, but weak genotoxicity in the bone marrow cells of mice. Fundamental and Clinical Pharmacology, 2012, 26, 383-392.	1.9	16
36	Methylated α -tubulin antibodies recognize a new microtubule modification on mitotic microtubules. MAbs, 2016, 8, 1590-1597.	5.2	15

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37	Evaluation of multi-organ DNA damage by comet assay from 28 days repeated dose oral toxicity test in mice: A practical approach for test integration in regulatory toxicity testing. <i>Regulatory Toxicology and Pharmacology</i> , 2010, 58, 145-154.	2.7	14
38	Association of High-Intensity Exercise with Renal Medullary Carcinoma in Individuals with Sickle Cell Trait: Clinical Observations and Experimental Animal Studies. <i>Cancers</i> , 2021, 13, 6022.	3.7	14
39	Influence of Hyperglycaemia on Chemical-Induced Toxicity: Study with Cyclophosphamide in Rat. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2009, 105, 236-242.	2.5	11
40	Protective effects of American ginseng (<i>Panax quinquefolium</i>) against mitomycin C induced micronuclei in mice. <i>Phytotherapy Research</i> , 2007, 21, 1221-1227.	5.8	10
41	Pre-bled-young-rats in genotoxicity testing: A model for peripheral blood micronucleus assay. <i>Regulatory Toxicology and Pharmacology</i> , 2008, 52, 147-157.	2.7	10
42	Use of Chemoprotectants in Chemotherapy and Radiation Therapy: The Challenges of Selecting an Appropriate Agent. <i>Integrative Cancer Therapies</i> , 2010, 9, 253-258.	2.0	9
43	An actin-WHAMM interaction linking SETD2 and autophagy. <i>Biochemical and Biophysical Research Communications</i> , 2021, 558, 202-208.	2.1	6
44	Bexarotene – a novel modulator of AURKA and the primary cilium in VHL-deficient cells. <i>Journal of Cell Science</i> , 2018, 131, .	2.0	5
45	Therapeutically actionable signaling node to rescue AURKA driven loss of primary cilia in VHL-deficient cells. <i>Scientific Reports</i> , 2021, 11, 10461.	3.3	5
46	Effect of SMARCB1 deficiency in renal medullary carcinoma (RMC) on genes associated with nucleosome assembly and telomere organization.. <i>Journal of Clinical Oncology</i> , 2018, 36, 614-614.	1.6	3
47	Comparative transcriptomic profiling of renal medullary carcinoma (RMC) to determine distinct signatures and pathways associated with response to chemotherapy.. <i>Journal of Clinical Oncology</i> , 2018, 36, 4575-4575.	1.6	1
48	Abstract 1247: Targeting neddylation in combination with cytotoxic chemotherapy for the treatment of renal medullary carcinoma. , 2021, , .		0