Durga Nand Tripathi

List of Publications by Year
in descending order

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	An actin-WHAMM interaction linking SETD2 and autophagy. Biochemical and Biophysical Research Communications, 2021, 558, 202-208.	2.1	6
2	A cytoskeletal function for PBRM1 reading methylated microtubules. Science Advances, 2021, 7, .	10.3	17
3	Neuronal SETD2 activity links microtubule methylation to an anxiety-like phenotype in mice. Brain, 2021, 144, 2527-2540.	7.6	17
4	Therapeutically actionable signaling node to rescue AURKA driven loss of primary cilia in VHL-deficient cells. Scientific Reports, 2021, 11, 10461.	3.3	5
5	Abstract 1247: Targeting neddylation in combination with cytotoxic chemotherapy for the treatment of renal medullary carcinoma. , 2021, , .		0
6	Association of High-Intensity Exercise with Renal Medullary Carcinoma in Individuals with Sickle Cell Trait: Clinical Observations and Experimental Animal Studies. Cancers, 2021, 13, 6022.	3.7	14
7	The Huntingtin-interacting protein SETD2/HYPB is an actin lysine methyltransferase. Science Advances, 2020, 6, .	10.3	29
8	Comprehensive Molecular Characterization Identifies Distinct Genomic and Immune Hallmarks of Renal Medullary Carcinoma. Cancer Cell, 2020, 37, 720-734.e13.	16.8	74
9	p53 Is a Master Regulator of Proteostasis in SMARCB1-Deficient Malignant Rhabdoid Tumors. Cancer Cell, 2019, 35, 204-220.e9.	16.8	62
10	Redox Regulation of Homeostasis and Proteostasis in Peroxisomes. Physiological Reviews, 2018, 98, 89-115.	28.8	79
11	Bexarotene â€“ a novel modulator of AURKA and the primary cilium in VHL-deficient cells. Journal of Cell Science, 2018, 131, .	2.0	5
12	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
13	Comparative transcriptomic profiling of renal medullary carcinoma (RMC) to determine distinct signatures and pathways associated with response to chemotherapy.. Journal of Clinical Oncology, 2018, 36, 4575-4575.	1.6	1
14	Effect of SMARCB1 deficiency in renal medullary carcinoma (RMC) on genes associated with nucleosome assembly and telomere organization.. Journal of Clinical Oncology, 2018, 36, 614-614.	1.6	3
15	Oxidative Stress and Autophagy in Metabolism and Longevity. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-3.	4.0	20
16	A new role for ATM in selective autophagy of peroxisomes (pexophagy). Autophagy, 2016, 12, 711-712.	9.1	45
17	Methylated Î±-tubulin antibodies recognize a new microtubule modification on mitotic microtubules. MAbs, 2016, 8, 1590-1597.	5.2	15
18	Dual Chromatin and Cytoskeletal Remodeling by SETD2. Cell, 2016, 166, 950-962.	28.9	204

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19	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
20	The peroxisome as a cell signaling organelle. Current Opinion in Cell Biology, 2016, 39, 109-112.	5.4	56
21	MDM2 Inhibitor, Nutlin 3a, Induces p53 Dependent Autophagy in Acute Leukemia by AMP Kinase Activation. PLoS ONE, 2015, 10, e0139254.	2.5	23
22	Autophagy mediates HIF2Î± degradation and suppresses renal tumorigenesis. Oncogene, 2015, 34, 2450-2460.	5.9	63
23	ATM functions at the peroxisome to induce pexophagy in response to ROS. Nature Cell Biology, 2015, 17, 1259-1269.	10.3	361
24	A tuberous sclerosis complex signalling node at the peroxisome regulates mTORC1 and autophagy in response to ROS. Nature Cell Biology, 2013, 15, 1186-1196.	10.3	218
25	Reactive nitrogen species regulate autophagy through ATM-AMPK-TSC2â€“mediated suppression of mTORC1. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E2950-7.	7.1	212
26	Furosemideâ€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
27	Hesperetin protects testicular toxicity of doxorubicin in rat: Role of NFÎºB, p38 and caspase-3. Food and Chemical Toxicology, 2011, 49, 838-847.	3.6	67
28	Quercetin Inhibits Diethylnitrosamine-Induced Hepatic Preneoplastic Lesions in Rats. Nutrition and Cancer, 2011, 63, 234-241.	2.0	16
29	Cardioprotective Effects of Hesperetin against Doxorubicin-Induced Oxidative Stress and DNA Damage in Rat. Cardiovascular Toxicology, 2011, 11, 215-225.	2.7	86
30	Intervention of Î±-lipoic acid ameliorates methotrexate-induced oxidative stress and genotoxicity: A study in rat intestine. Chemico-Biological Interactions, 2010, 183, 85-97.	4.0	51
31	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. Regulatory Toxicology and Pharmacology, 2010, 58, 145-154.	2.7	14
32	Antioxidant and antimutagenic effect of quercetin against DEN induced hepatotoxicity in rat. Phytotherapy Research, 2010, 24, 119-128.	5.8	71
33	Effect of melatonin on the expression of Nrf2 and NFâ€ÎºB during cyclophosphamideâ€induced urinary bladder injury in rat. Journal of Pineal Research, 2010, 48, 324-331.	7.4	87
34	Use of Chemoprotectants in Chemotherapy and Radiation Therapy: The Challenges of Selecting an Appropriate Agent. Integrative Cancer Therapies, 2010, 9, 253-258.	2.0	9
35	Astaxanthin intervention ameliorates cyclophosphamide-induced oxidative stress, DNA damage and early hepatocarcinogenesis in rat: Role of Nrf2, p53, p38 and phase-II enzymes. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2010, 696, 69-80.	1.7	134
36	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

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37	Intervention of astaxanthin against cyclophosphamide-induced oxidative stress and DNA damage: A study in mice. Chemico-Biological Interactions, 2009, 180, 398-406.	4.0	122
38	Influence of Hyperglycaemia on Chemicalâ€Induced Toxicity: Study with Cyclophosphamide in Rat. Basic and Clinical Pharmacology and Toxicology, 2009, 105, 236-242.	2.5	11
39	Methotrexate-induced cytotoxicity and genotoxicity in germ cells of mice: Intervention of folic and folinic acid. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2009, 673, 43-52.	1.7	93
40	Astaxanthin inhibits cytotoxic and genotoxic effects of cyclophosphamide in mice germ cells. Toxicology, 2008, 248, 96-103.	4.2	121
41	Ebselen attenuates cyclophosphamide-induced oxidative stress and DNA damage in mice. Free Radical Research, 2008, 42, 966-977.	3.3	28
42	Pre-bled-young-rats in genotoxicity testing: A model for peripheral blood micronucleus assay. Regulatory Toxicology and Pharmacology, 2008, 52, 147-157.	2.7	10
43	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
44	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
45	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
46	Intermittent fasting prevents the progression of type I diabetic nephropathy in rats and changes the expression of Sir2 and p53. FEBS Letters, 2007, 581, 1071-1078.	2.8	107
47	Protective effects of American ginseng (Panax quinquefolium) against mitomycin C induced micronuclei in mice. Phytotherapy Research, 2007, 21, 1221-1227.	5.8	10
48	Evaluation of streptozotocin genotoxicity in rats from different ages using the micronucleus assay. Regulatory Toxicology and Pharmacology, 2007, 49, 238-244.	2.7	32