

Use of human neuroblastoma SH-SY5Y cells to evaluate oxidative stress, neuronal development and cell death s

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Assessing Agricultural Toxicity in Brazil: Advances and Opportunities in the 21st Century. <i>Toxicological Sciences</i> , 2020, 177, 316-324.	1.4	2
2	Environmental behavior and influencing factors of glyphosate in peach orchard ecosystem. <i>Ecotoxicology and Environmental Safety</i> , 2020, 206, 111209.	2.9	9
3	N-Acetylcysteine Nanocarriers Protect against Oxidative Stress in a Cellular Model of Parkinson's Disease. <i>Antioxidants</i> , 2020, 9, 600.	2.2	25
4	N-acetylcysteine prevents olanzapine-induced oxidative stress in mHypoA-59 hypothalamic neurons. <i>Scientific Reports</i> , 2020, 10, 19185.	1.6	20
5	Schizophrenia risk candidate EGR3 is a novel transcriptional regulator of <i>RELN</i> and regulates neurite outgrowth via the Reelin signal pathway in vitro. <i>Journal of Neurochemistry</i> , 2021, 157, 1745-1758.	2.1	9
6	Hyperphosphorylation Renders Tau Prone to Aggregate and to Cause Cell Death. <i>Molecular Neurobiology</i> , 2020, 57, 4704-4719.	1.9	24
7	The selected epigenetic effects of aminomethylphosphonic acid, a primary metabolite of glyphosate on human peripheral blood mononuclear cells (in vitro). <i>Toxicology in Vitro</i> , 2020, 66, 104878.	1.1	9
8	Oxidative stress in bisphenol AF-induced cardiotoxicity in zebrafish and the protective role of N-acetyl N-cysteine. <i>Science of the Total Environment</i> , 2020, 731, 139190.	3.9	50
9	Cytotoxicity and hormonal activity of glyphosate-based herbicides. <i>Environmental Pollution</i> , 2020, 265, 115027.	3.7	18
10	Neurotoxicity assessment of triazole fungicides on mitochondrial oxidative respiration and lipids in differentiated human SH-SY5Y neuroblastoma cells. <i>NeuroToxicology</i> , 2020, 80, 76-86.	1.4	40
11	Plant-Derived Natural Biomolecule Picein Attenuates Menadione Induced Oxidative Stress on Neuroblastoma Cell Mitochondria. <i>Antioxidants</i> , 2020, 9, 552.	2.2	18
12	Glyphosate-based herbicide impairs energy metabolism and increases autophagy in C6 astrogloma cell line. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2020, 83, 153-167.	1.1	12
13	Neuroprotective Effects of <i>Withania somnifera</i> on 4-Hydroxynonenal Induced Cell Death in Human Neuroblastoma SH-SY5Y Cells Through ROS Inhibition and Apoptotic Mitochondrial Pathway. <i>Neurochemical Research</i> , 2021, 46, 171-182.	1.6	2
14	Environment permissible concentrations of glyphosate in drinking water can influence the fate of neural stem cells from the subventricular zone of the postnatal mouse. <i>Environmental Pollution</i> , 2021, 270, 116179.	3.7	16
15	Pharmacological Treatment of Vascular Dementia: A Molecular Mechanism Perspective. , 2021, 12, 308.		25
16	Thyroid hormone, gene expression, and Central Nervous System: Where we are. <i>Seminars in Cell and Developmental Biology</i> , 2021, 114, 47-56.	2.3	20
17	Changes in microtubule stability in zebrafish (<i>Danio rerio</i>) embryos after glyphosate exposure. <i>Heliyon</i> , 2021, 7, e06027.	1.4	11
18	Cardiovascular damage associated with subchronic exposure to the glyphosate herbicide in Wistar rats. <i>Toxicology and Industrial Health</i> , 2021, 37, 210-218.	0.6	2

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19	Transformation of SH-SY5Y cell line into neuron-like cells: Investigation of electrophysiological and biomechanical changes. <i>Neuroscience Letters</i> , 2021, 745, 135628.	1.0	25
20	Mitochondria of teleost radial glia: A novel target of neuroendocrine disruption by environmental chemicals?. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 243, 108995.	1.3	0
21	Hypoxic postconditioning-induced neuroprotection increases neuronal autophagy via activation of the SIRT1/FoxO1 signaling pathway in rats with global cerebral ischemia. <i>Experimental and Therapeutic Medicine</i> , 2021, 22, 695.	0.8	4
22	Mito-Tempo suppresses autophagic flux via the PI3K/Akt/mTOR signaling pathway in neuroblastoma SH-SY5Y cells. <i>Heliyon</i> , 2021, 7, e07310.	1.4	3
23	Glyphosate Herbicide: Reproductive Outcomes and Multigenerational Effects. <i>Frontiers in Endocrinology</i> , 2021, 12, 672532.	1.5	28
24	Exposure to glyphosate and tetrachlorvinphos induces cytotoxicity and global DNA methylation in human cells. <i>Toxicology and Industrial Health</i> , 2021, 37, 074823372110331.	0.6	2
25	Pharmacophore-inspired discovery of FLT3 inhibitor from kimchi. <i>Food Chemistry</i> , 2021, 361, 130139.	4.2	7
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27	Association of CaMK2A and MeCP2 signaling pathways with cognitive ability in adolescents. <i>Molecular Brain</i> , 2021, 14, 152.	1.3	1
28	Inflammatory, Oxidative Stress, and Apoptosis Effects in Zebrafish Larvae after Rapid Exposure to a Commercial Glyphosate Formulation. <i>Biomedicines</i> , 2021, 9, 1784.	1.4	22
29	Pleiotropic Outcomes of Glyphosate Exposure: From Organ Damage to Effects on Inflammation, Cancer, Reproduction and Development. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12606.	1.8	22
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31	Oxidative Stress and Metabolism: A Mechanistic Insight for Glyphosate Toxicology. <i>Annual Review of Pharmacology and Toxicology</i> , 2022, 62, 617-639.	4.2	34
32	DNA Double-Strand Breaks Induced in Human Cells by 6 Current Pesticides: Intercomparisons and Influence of the ATM Protein. <i>Biomolecules</i> , 2022, 12, 250.	1.8	6
33	<i>In vitro</i> and <i>in vivo</i> cytotoxicity assessment of glyphosate and imazethapyr-based herbicides and their association. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2022, 85, 481-493.	1.1	5
34	Impact of airborne total suspended particles (TSP) and fine particulate matter (PM _{2.5})-induced developmental toxicity in zebrafish (<i>Danio rerio</i>) embryos. <i>Journal of Applied Toxicology</i> , 2022, 42, 1585-1602.	1.4	11
35	In Vitro Neurotoxicity of Flumethrin Pyrethroid on SH-SY5Y Neuroblastoma Cells: Apoptosis Associated with Oxidative Stress. <i>Toxics</i> , 2022, 10, 131.	1.6	4
36	Glyphosate-based herbicides induces autophagy in IPEC cells and the intervention of N-acetylcysteine. <i>Environmental Toxicology</i> , 2022, 37, 1878-1890.	2.1	9

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47	Effect of Sublethal Copper Overload on Cholesterol <i>De Novo</i> Synthesis in Undifferentiated Neuronal Cells. <i>ACS Omega</i> , 2022, 7, 25022-25030.	1.6	3
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74	Amyotrophic Lateral Sclerosis Pathoetiology and Pathophysiology: Roles of Astrocytes, Gut Microbiome, and Muscle Interactions via the Mitochondrial Melatonergic Pathway, with Disruption by Glyphosate-Based Herbicides. <i>International Journal of Molecular Sciences</i> , 2023, 24, 587.	1.8	10
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