

Francesca Pistollato

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

823
citations

623188

14
h-index

752256

20
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20
all docs

20
docs citations

20
times ranked

1328
citing authors

#	ARTICLE	IF	CITATIONS
1	Nutritional patterns associated with the maintenance of neurocognitive functions and the risk of dementia and Alzheimer's disease: A focus on human studies. <i>Pharmacological Research</i> , 2018, 131, 32-43.	3.1	156
2	Strategies to improve the regulatory assessment of developmental neurotoxicity (DNT) using in vitro methods. <i>Toxicology and Applied Pharmacology</i> , 2018, 354, 7-18.	1.3	105
3	Assessment of developmental neurotoxicity induced by chemical mixtures using an adverse outcome pathway concept. <i>Environmental Health</i> , 2020, 19, 23.	1.7	61
4	Alzheimer disease research in the 21st century: past and current failures, new perspectives and funding priorities. <i>Oncotarget</i> , 2016, 7, 38999-39016.	0.8	56
5	Associations between Sleep, Cortisol Regulation, and Diet: Possible Implications for the Risk of Alzheimer Disease. <i>Advances in Nutrition</i> , 2016, 7, 679-689.	2.9	52
6	Evaluation of the rotenone-induced activation of the Nrf2 pathway in a neuronal model derived from human induced pluripotent stem cells. <i>Neurochemistry International</i> , 2017, 106, 62-73.	1.9	51
7	Plant-Based and Plant-Rich Diet Patterns during Gestation: Beneficial Effects and Possible Shortcomings. <i>Advances in Nutrition</i> , 2015, 6, 581-591.	2.9	49
8	Beyond the 3Rs: Expanding the use of human-relevant replacement methods in biomedical research. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2019, 36, 343-352.	0.9	49
9	Role of plant-based diets in the prevention and regression of metabolic syndrome and neurodegenerative diseases. <i>Trends in Food Science and Technology</i> , 2014, 40, 62-81.	7.8	47
10	Nrf2 pathway activation upon rotenone treatment in human iPSC-derived neural stem cells undergoing differentiation towards neurons and astrocytes. <i>Neurochemistry International</i> , 2017, 108, 457-471.	1.9	44
11	Protocol for the Differentiation of Human Induced Pluripotent Stem Cells into Mixed Cultures of Neurons and Glia for Neurotoxicity Testing. <i>Journal of Visualized Experiments</i> , 2017, , .	0.2	32
12	Exposure to human relevant mixtures of halogenated persistent organic pollutants (POPs) alters neurodevelopmental processes in human neural stem cells undergoing differentiation. <i>Reproductive Toxicology</i> , 2021, 100, 17-34.	1.3	31
13	The potential of mechanistic information organised within the AOP framework to increase regulatory uptake of the developmental neurotoxicity (DNT) in vitro battery of assays. <i>Reproductive Toxicology</i> , 2021, 103, 159-170.	1.3	22
14	Combining in vitro assays and mathematical modelling to study developmental neurotoxicity induced by chemical mixtures. <i>Reproductive Toxicology</i> , 2021, 105, 101-119.	1.3	19
15	Integrating biokinetics and in vitro studies to evaluate developmental neurotoxicity induced by chlorpyrifos in human iPSC-derived neural stem cells undergoing differentiation towards neuronal and glial cells. <i>Reproductive Toxicology</i> , 2020, 98, 174-188.	1.3	15
16	Alzheimer's Disease, and Breast and Prostate Cancer Research: Translational Failures and the Importance to Monitor Outputs and Impact of Funded Research. <i>Animals</i> , 2020, 10, 1194.	1.0	14
17	A Tau-Driven Adverse Outcome Pathway Blueprint Toward Memory Loss in Sporadic (Late-Onset) Alzheimer's Disease with Plausible Molecular Initiating Event Plug-Ins for Environmental Neurotoxicants. <i>Journal of Alzheimer's Disease</i> , 2021, 81, 459-485.	1.2	8
18	Upscaling biological complexity to boost neuronal and oligodendroglia maturation and improve in vitro developmental neurotoxicity (DNT) evaluation. <i>Reproductive Toxicology</i> , 2022, , .	1.3	7

#	ARTICLE	IF	CITATIONS
19	Developmental neurotoxicity of acrylamide and its metabolite glycidamide in a human mixed culture of neurons and astrocytes undergoing differentiation in concentrations relevant for human exposure. <i>NeuroToxicology</i> , 2022, 92, 33-48.	1.4	3
20	Quality criteria for in vitro human pluripotent stem cell-derived models of tissue-based cells. <i>Reproductive Toxicology</i> , 2022, 112, 36-50.	1.3	2