Tanja Popp

List of Publications by Year
in descending order

34 papers	729 citations	623734 14 h-index	526287 27 g-index
34 all docs	34 docs citations	34 times ranked	1309 citing authors

#	Article	IF	Citations
1	Tissue inhibitor of metalloproteinase-1 (TIMP-1) regulates mesenchymal stem cells through let-7f microRNA and Wnt/Î²-catenin signaling. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E309-16.	7.1	119
2	A wearable origami-like paper-based electrochemical biosensor for sulfur mustard detection. Biosensors and Bioelectronics, 2019, 129, 15-23.	10.1	103
3	TNF-Î± respecifies human mesenchymal stem cells to a neural fate and promotes migration toward experimental glioma. Cell Death and Differentiation, 2011, 18, 853-863.	11.2	75
4	The molecular cell death machinery in the simple cnidarian Hydra includes an expanded caspase family and pro- and anti-apoptotic Bcl-2 proteins. Cell Research, 2010, 20, 812-825.	12.0	62
5	Matrix metalloproteinase-9 expression and release from skin fibroblasts interacting with keratinocytes: Upregulation in response to sulphur mustard. Toxicology, 2009, 263, 26-31.	4.2	43
6	TRPs in Tox: Involvement of Transient Receptor Potential-Channels in Chemical-Induced Organ Toxicityâ€"A Structured Review. Cells, 2018, 7, 98.	4.1	35
7	N-Acetyl-l-cysteine inhibits sulfur mustard-induced and TRPA1-dependent calcium influx. Archives of Toxicology, 2017, 91, 2179-2189.	4.2	34
8	Wnt5a/Î²-Catenin Signaling Drives Calcium-Induced Differentiation of Human Primary Keratinocytes. Journal of Investigative Dermatology, 2014, 134, 2183-2191.	0.7	33
9	Wnt signalling in mouse mesenchymal stem cells: impact on proliferation, invasion and MMP expression. Journal of Cellular and Molecular Medicine, 2009, 13, 2506-2520.	3.6	32
10	Protective effects of the thiol compounds GSH and NAC against sulfur mustard toxicity in a human keratinocyte cell line. Toxicology Letters, 2016, 244, 35-43.	0.8	25
11	Sulfur mustard induces differentiation in human primary keratinocytes: Opposite roles of p38 and ERK1/2 MAPK. Toxicology Letters, 2011, 204, 43-51.	0.8	23
12	Acute radiation syndrome-related gene expression in irradiated peripheral blood cell populations. International Journal of Radiation Biology, 2021, 97, 474-484.	1.8	18
13	Anti-apoptotic and moderate anti-inflammatory effects of berberine in sulfur mustard exposed keratinocytes. Toxicology Letters, 2018, 293, 2-8.	0.8	16
14	Impairment of hypoxia-induced HIF-1Î± signaling in keratinocytes and fibroblasts by sulfur mustard is counteracted by a selective PHD-2 inhibitor. Archives of Toxicology, 2016, 90, 1141-1150.	4.2	14
15	Paper-based electrochemical sensor for on-site detection of the sulphur mustard. Environmental Science and Pollution Research, 2021, 28, 25069-25080.	5.3	14
16	Transient Receptor Potential Channel A1 (TRPA1) Regulates Sulfur Mustard-Induced Expression of Heat Shock 70 kDa Protein 6 (HSPA6) In Vitro. Cells, 2018, 7, 126.	4.1	9
17	Evaluation of selective and non-selective cyclooxygenase inhibitors on sulfur mustard-induced pro-inflammatory cytokine formation in normal human epidermal keratinocytes. Toxicology Letters, 2019, 312, 109-117.	0.8	9
18	Effects of anti-inflammatory compounds on sulfur mustard injured cells: Recommendations and caveats suggested by in vitro cell culture models. Toxicology Letters, 2018, 293, 91-97.	0.8	8

#	Article	IF	Citations
19	Zinc chloride-induced TRPA1 activation does not contribute to toxicity in vitro. Toxicology Letters, 2018, 293, 133-139.	0.8	8
20	Sulfur mustard alkylates steroid hormones and impacts hormone function in vitro. Archives of Toxicology, 2019, 93, 3141-3152.	4.2	8
21	Sulfur mustard-induced epigenetic modifications over time âˆ' a pilot study. Toxicology Letters, 2018, 293, 45-50.	0.8	6
22	Skin sensitizing effects of sulfur mustard and other alkylating agents in accordance to OECD guidelines. Toxicology Letters, 2019, 314, 172-180.	0.8	6
23	Assessment of Î±-amanitin toxicity and effects of silibinin and penicillin in different in vitro models. Toxicology in Vitro, 2020, 67, 104921.	2.4	6
24	Triterpenoid CDDO-Me induces ROS generation and up-regulates cellular levels of antioxidative enzymes without induction of DSBs in human peripheral blood mononuclear cells. Radiation and Environmental Biophysics, 2020, 59, 461-472.	1.4	5
25	Necrosulfonamide â€" Unexpected effect in the course of a sulfur mustard intoxication. Chemico-Biological Interactions, 2019, 298, 80-85.	4.0	4
26	Bardoxolone-Methyl (CDDO-Me) Impairs Tumor Growth and Induces Radiosensitization of Oral Squamous Cell Carcinoma Cells. Frontiers in Pharmacology, 2020, 11, 607580.	3.5	4
27	Heterogeneous nuclear ribonucleoprotein K is overexpressed and contributes to radioresistance irrespective of HPV status in head and neck squamous cell carcinoma. International Journal of Molecular Medicine, 2020, 46, 1733-1742.	4.0	3
28	Immediate responses of the cockroach Blaptica dubia after the exposure to sulfur mustard. Archives of Toxicology, 2018, 92, 337-346.	4.2	2
29	Effect of sulfur mustard on melanogenesis in vitro. Toxicology Letters, 2020, 319, 197-203.	0.8	2
30	Analysis of matrix metalloproteinase expression in different types of skin and lung cells after exposure to sulfur mustard. Toxicology, 2007, 233, 227.	4.2	1
31	S - and N-alkylating agents diminish the fluorescence of fluorescent dye-stained DNA. Chemico-Biological Interactions, 2017, 262, 12-18.	4.0	1
32	A novel exposure system generating nebulized aerosol of sulfur mustard in comparison to the standard submerse exposure. Chemico-Biological Interactions, 2019, 298, 121-128.	4.0	1
33	Editorial for the special issue SI:MCDC17. Toxicology Letters, 2018, 293, 1.	0.8	0
34	Alkylation of rabbit muscle creatine kinase surface methionine residues inhibits enzyme activity in vitro. Archives of Toxicology, 2021, 95, 3253-3261.	4.2	0