Konrad A Szychowski

List of Publications by Year
in descending order

50	1,188	471371 17	414303 32
papers	citations	h-index	g-index

53	53	53	1357
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dibutyl Phthalate (DBP)-Induced Apoptosis and Neurotoxicity are Mediated via the Aryl Hydrocarbon Receptor (AhR) but not by Estrogen Receptor Alpha (ERÎ±), Estrogen Receptor Beta (ERÎ²), or Peroxisome Proliferator-Activated Receptor Gamma (PPARÎ³) in Mouse Cortical Neurons. Neurotoxicity Research, 2017, 31, 77-89.	1.3	92
2	Paracetamol â€“ An old drug with new mechanisms of action. Clinical and Experimental Pharmacology and Physiology, 2021, 48, 3-19.	0.9	78
3	Triclosan activates aryl hydrocarbon receptor (AhR)-dependent apoptosis and affects Cyp1a1 and Cyp1b1 expression in mouse neocortical neurons. Environmental Research, 2016, 151, 106-114.	3.7	68
4	Study of novel anticancer 4-thiazolidinone derivatives. Chemico-Biological Interactions, 2017, 262, 46-56.	1.7	58
5	TBBPA causes neurotoxic and the apoptotic responses in cultured mouse hippocampal neurons in vitro. Pharmacological Reports, 2016, 68, 20-26.	1.5	54
6	PPAR-Î³ Agonist GW1929 But Not Antagonist GW9662 Reduces TBBPA-Induced Neurotoxicity in Primary Neocortical Cells. Neurotoxicity Research, 2014, 25, 311-322.	1.3	53
7	The Action of Di-(2-Ethylhexyl) Phthalate (DEHP) in Mouse Cerebral Cells Involves an Impairment in Aryl Hydrocarbon Receptor (AhR) Signaling. Neurotoxicity Research, 2019, 35, 183-195.	1.3	52
8	Triclosan induces Fas receptor-dependent apoptosis in mouse neocortical neurons in vitro. Neuroscience, 2015, 284, 192-201.	1.1	48
9	Characterization of Active Compounds of Different Garlic (Allium sativum L.) Cultivars. Polish Journal of Food and Nutrition Sciences, 2018, 68, 73-81.	0.6	48
10	Tetrabromobisphenol A (TBBPA)-stimulated reactive oxygen species (ROS) production in cell-free model using the 2â€²,7â€²-dichlorodihydrofluorescein diacetate (H2DCFDA) assayâ€”limitations of method. Environmental Science and Pollution Research, 2016, 23, 12246-12252.	2.7	46
11	Triclosan-Evoked Neurotoxicity Involves NMDAR Subunits with the Specific Role of GluN2A in Caspase-3-Dependent Apoptosis. Molecular Neurobiology, 2019, 56, 1-12.	1.9	44
12	Inonotus obliquus â€“ from folk medicine to clinical use. Journal of Traditional and Complementary Medicine, 2021, 11, 293-302.	1.5	44
13	Anticancer properties of 4-thiazolidinone derivatives depend on peroxisome proliferator-activated receptor gamma (PPARÎ³). European Journal of Medicinal Chemistry, 2017, 141, 162-168.	2.6	40
14	Isomer-nonspecific action of dichlorodiphenyltrichloroethane on aryl hydrocarbon receptor and G-protein-coupled receptor 30 intracellular signaling in apoptotic neuronal cells. Molecular and Cellular Endocrinology, 2014, 392, 90-105.	1.6	35
15	Potential in vitro antioxidant, anti-inflammatory, antidiabetic, and anticancer effect of arachidonic acid-elicited basil leaves. Journal of Functional Foods, 2017, 36, 290-299.	1.6	27
16	Impact of Elastin-Derived Peptide VGVAPG on Matrix Metalloprotease-2 and -9 and the Tissue Inhibitor of Metalloproteinase-1, -2, -3 and -4 mRNA Expression in Mouse Cortical Glial Cells In Vitro. Neurotoxicity Research, 2019, 35, 100-110.	1.3	24
17	Comparative study of eco- and cytotoxicity during biotransformation of anthraquinone dye Alizarin Blue Black B in optimized cultures of microscopic fungi. Ecotoxicology and Environmental Safety, 2018, 147, 776-787.	2.9	21
18	Impact of elastin-derived VGVAPG peptide on bidirectional interaction between peroxisome proliferator-activated receptor gamma (PparÎ³) and beta-galactosidase (Î²-Gal) expression in mouse cortical astrocytes in vitro. Naunyn-Schmiedeberg's Archives of Pharmacology, 2019, 392, 405-413.	1.4	20

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19	Cytotoxic effects of two extracts from garlic (Allium sativum L.) cultivars on the human squamous carcinoma cell line SCC-15. Saudi Journal of Biological Sciences, 2018, 25, 1703-1712.	1.8	18
20	Elastin-Derived Peptides in the Central Nervous System: Friend or Foe. Cellular and Molecular Neurobiology, 2022, 42, 2473-2487.	1.7	18
21	Anticancer properties of 5Z-(4-fluorobenzylidene)-2-(4-hydroxyphenylamino)-thiazol-4-one. Scientific Reports, 2019, 9, 10609.	1.6	17
22	Antiproliferative Effect of Elastin-Derived Peptide VGVAPG on SH-SY5Y Neuroblastoma Cells. Neurotoxicity Research, 2019, 36, 503-514.	1.3	17
23	Biotransformation and toxicity effect of monoanthraquinone dyes during Bjerkandera adusta CCBAS 930 cultures. Ecotoxicology and Environmental Safety, 2020, 191, 110203.	2.9	16
24	Entrapment of silver nanoparticles in L-Î±-phosphatidylcholine/cholesterol-based liposomes mitigates the oxidative stress in human keratinocyte (HaCaT) cells. European Journal of Pharmaceutics and Biopharmaceutics, 2021, 166, 163-174.	2.0	16
25	Biological and anticancer properties of Inonotus obliquus extracts. Process Biochemistry, 2018, 73, 180-187.	1.8	15
26	The VGVAPG Peptide Regulates the Production of Nitric Oxide Synthases and Reactive Oxygen Species in Mouse Astrocyte Cells In Vitro. Neurochemical Research, 2019, 44, 1127-1137.	1.6	15
27	A concise review of metallic nanoparticles encapsulation methods and their potential use in anticancer therapy and medicine. European Journal of Pharmaceutics and Biopharmaceutics, 2020, 154, 153-165.	2.0	15
28	Evaluation of Anticancer and Antibacterial Activity of Four 4-Thiazolidinone-Based Derivatives. Molecules, 2022, 27, 894.	1.7	15
29	Methods of Isolation of Active Substances from Garlic (Allium sativum L.) and Its Impact on the Composition and Biological Properties of Garlic Extracts. Antioxidants, 2022, 11, 1345.	2.2	13
30	Elastin-derived peptide VGVAPG affects the proliferation of mouse cortical astrocytes with the involvement of aryl hydrocarbon receptor (Ahr), peroxisome proliferator-activated receptor gamma (PparÎ³), and elastin-binding protein (EBP). Cytokine, 2020, 126, 154930.	1.4	12
31	Epidermal Growth Factor-labeled liposomes as a way to target the toxicity of silver nanoparticles into EGFR-overexpressing cancer cells in vitro. Toxicology and Applied Pharmacology, 2022, 443, 116009.	1.3	12
32	The Elastin-Derived Peptide VGVAPG Does Not Activate the Inflammatory Process in Mouse Cortical Astrocytes In Vitro. Neurotoxicity Research, 2020, 37, 136-145.	1.3	11
33	Elastin-derived peptide VGVAPG decreases differentiation of mouse embryo fibroblast (3T3-L1) cells into adipocytes. Adipocyte, 2020, 9, 234-245.	1.3	9
34	Characterisation of Biologically Active Hydrolysates and Peptide Fractions of Vacuum Packaging String Bean (Phaseolus Vulgaris L.). Foods, 2020, 9, 842.	1.9	8
35	Triclosan affects the expression of nitric oxide synthases (NOSs), peroxisome proliferator-activated receptor gamma (PPARÎ³), and nuclear factor kappa-light-chain-enhancer of activated B cells (NF-ÎºB) in mouse neocortical neurons in vitro. Toxicology in Vitro, 2021, 73, 105143.	1.1	8
36	4-thiazolidinone-based derivatives rosiglitazone and pioglitazone affect the expression of antioxidant enzymes in different human cell lines. Biomedicine and Pharmacotherapy, 2021, 139, 111684.	2.5	8

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37	Tris (2,3-Dibromopropyl) Isocyanurate (TDBP-TAZTO or TBC) Shows Different Toxicity Depending on the Degree of Differentiation of the Human Neuroblastoma (SH-SY5Y) Cell Line. Neurotoxicity Research, 2021, 39, 1575-1588.	1.3	8
38	Triclosan (TCS) affects the level of DNA methylation in the human oral squamous cell carcinoma (SCC-15) cell line in a nontoxic concentration. Biomedicine and Pharmacotherapy, 2022, 149, 112815.	2.5	8
39	Specific role of N-methyl-D-aspartate (NMDA) receptor in elastin-derived VGVAPG peptide-dependent calcium homeostasis in mouse cortical astrocytes in vitro. Scientific Reports, 2019, 9, 20165.	1.6	7
40	Comprehensive review of the impact of tris(2,3-dibromopropyl) isocyanurate (TBC or TDBP-TAZTO) on living organisms and the environment. Environmental Geochemistry and Health, 2022, 44, 4203-4218.	1.8	7
41	The interference of alpha- and beta-naphthoflavone with triclosan effects on viability, apoptosis and reactive oxygen species production in mouse neocortical neurons. Pesticide Biochemistry and Physiology, 2020, 168, 104638.	1.6	6
42	Review of the Relationship between Reactive Oxygen Species (ROS) and Elastin-Derived Peptides (EDPs). Applied Sciences (Switzerland), 2021, 11, 8732.	1.3	6
43	In vitro effect of vanadyl sulfate on cultured primary astrocytes: cell viability and oxidative stress markers.. Journal of Applied Toxicology, 2020, 40, 737-747.	1.4	5
44	Induction of Cyp450 enzymes by 4-thiazolidinone-based derivatives in 3T3-L1 cells in vitro. Naunyn-Schmiedeberg's Archives of Pharmacology, 2021, 394, 915-927.	1.4	5
45	Possibility to Biotransform Anthracyclines by Peroxidases Produced by Bjerkandera adusta CCBAS 930 with Reduction of Geno- and Cytotoxicity and Pro-Oxidative Activity. Molecules, 2021, 26, 462.	1.7	5
46	Involvement of sirtuins (Sirt1 and Sirt3) and aryl hydrocarbon receptor (AhR) in the effects of triclosan (TCS) on production of neurosteroids in primary mouse cortical neurons cultures. Pesticide Biochemistry and Physiology, 2022, 184, 105131.	1.6	5
47	4-Thiazolidinone-based derivatives do not affect differentiation of mouse embryo fibroblasts (3T3-L1) Tj ETQq1 1 0.784314 rgBT /Ove	1.7	4
48	Molecular mechanism of the uptake and toxicity of EGF-LipoAgNPs in EGFR-overexpressing cancer cells. Biomedicine and Pharmacotherapy, 2022, 150, 113085.	2.5	4
49	Elastin-Derived Peptide VGVAPG Affects Production and Secretion of Testosterone in Mouse Astrocyte In Vitro. Neurochemical Research, 2020, 45, 385-394.	1.6	3
50	Effect of the elastin-derived peptides (VGVAPG and VVGPGA) on breast (MCF-7) and lung (A549) cancer cell lines in vitro. Biomedicine and Pharmacotherapy, 2022, 151, 113149.	2.5	2