Julius Brtko

List of Publications by Year in descending order

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Version: 2024-02-01

36 papers	487 citations	759233 12 h-index	794594 19 g-index
38 all docs	38 docs citations	38 times ranked	618 citing authors

#	Article	IF	Citations
1	Targeting the pregnane X receptor using microbial metabolite mimicry. EMBO Molecular Medicine, 2020, 12, e11621.	6.9	53
2	Role of Retinoids, Rexinoids and Thyroid Hormone in the Expression of Cytochrome P450 Enzymes. Current Drug Metabolism, 2011, 12, 71-88.	1.2	49
3	Functional retinoid and thyroid hormone receptors in human thyroid-carcinoma cell lines and tissues. , 1998, 76, 368-376.		42
4	RETINOIDS, REXINOIDS AND THEIR COGNATE NUCLEAR RECEPTORS: CHARACTER AND THEIR ROLE IN CHEMOPREVENTION OF SELECTED MALIGNANT DISEASES. Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia, 2007, 151, 187-194.	0.6	33
5	Altered function of peripheral organ systems in rats exposed to chronic mild stress model of depression. Cellular and Molecular Neurobiology, 2001, 21, 403-411.	3.3	27
6	A comparison of the effects of tributyltin chloride and triphenyltin chloride on cell proliferation, proapoptotic p53, Bax, and antiapoptotic Bcl-2 protein levels in human breast cancer MCF-7 cell line. Toxicology in Vitro, 2015, 29, 727-731.	2.4	26
7	Natural and synthetic retinoid X receptor ligands and their role in selected nuclear receptor action. Biochimie, 2020, 179, 157-168.	2.6	24
8	Development and Characterization of a Human Reporter Cell Line for the Assessment of Thyroid Receptor Transcriptional Activity: A Case of Organotin Endocrine Disruptors. Journal of Agricultural and Food Chemistry, 2015, 63, 7074-7083.	5.2	21
9	Role of Retinoids and their Cognate Nuclear Receptors in Breast Cancer Chemoprevention. Central European Journal of Public Health, 2007, 15, 3-6.	1.1	21
10	Thyroid hormone and thyroid hormone nuclear receptors: History and present state of art. Endocrine Regulations, 2021, 55, 103-119.	1.3	17
11	Radioligand binding assay for accurate determination of nuclear retinoid X receptors: A case of triorganotin endocrine disrupting ligands. Toxicology Letters, 2016, 254, 32-36.	0.8	16
12	Biological functions of kojic acid and its derivatives in medicine, cosmetics, and food industry: Insights into health aspects. Archiv Der Pharmazie, 2022, 355, .	4.1	15
13	MNU-induced carcinogenesis of rat mammary gland: Effect of thyroid hormone on expression of retinoic acid receptors in tumours of mammary gland. Molecular and Cellular Endocrinology, 2005, 244, 47-56.	3.2	13
14	Expression of nuclear hormone receptors, their coregulators and type I iodothyronine 5â€²-deiodinase gene in mammary tissue of nonlactating and postlactating rats. Life Sciences, 2005, 77, 2584-2593.	4.3	12
15	Genotoxic Effects of Tributyltin and Triphenyltin Isothiocyanates, Cognate RXR Ligands: Comparison in Human Breast Carcinoma MCF 7 and MDA-MB-231 Cells. International Journal of Molecular Sciences, 2019, 20, 1198.	4.1	12
16	DNA immunization is associated with increased activity of type I iodothyronine 5â€²-deiodinase in mouse liver. Molecular and Cellular Endocrinology, 1999, 152, 85-89.	3.2	11
17	Expression, protein stability and transcriptional activity of retinoic acid receptors are affected by microtubules interfering agents and all-trans-retinoic acid in primary rat hepatocytes. Molecular and Cellular Endocrinology, 2007, 267, 89-96.	3.2	11
18	Sn- and Ge- triorganometallics exert different cytotoxicity and modulation of migration in triple-negative breast cancer cell line MDA-MB-231. Toxicology Letters, 2017, 279, 16-21.	0.8	9

#	Article	IF	Citations
19	Triorganotin Derivatives Induce Cell Death Effects on L1210 Leukemia Cells at Submicromolar Concentrations Independently of P-glycoprotein Expression. Molecules, 2018, 23, 1053.	3.8	8
20	Malignant Triton tumour exhibits a complete expression pattern of nuclear retinoid and rexinoid receptor subtypes. General Physiology and Biophysics, 2009, 28, 425-427.	0.9	7
21	MNU-induced mammary gland carcinogenesis: Chemopreventive and therapeutic effects of vitamin D and Seocalcitol on selected regulatory vitamin D receptor pathways. Toxicology Letters, 2011, 207, 60-72.	0.8	6
22	Novel insights into the combined effect of triorganotin compounds and all-trans retinoic acid on expression of selected proteins associated with tumor progression in breast cancer cell line MDA-MB-231: Proteomic approach. General Physiology and Biophysics, 2019, 38, 135-144.	0.9	6
23	Stress Is Associated with Inhibition of Type I Iodothyronine 5â€²-Deiodinase Activity in Rat Liver. Annals of the New York Academy of Sciences, 2004, 1018, 219-223.	3.8	5
24	Stability studies of endocrine disrupting tributyltin and triphenyltin compounds in an artificial sea water model. General Physiology and Biophysics, 2018, 37, 93-99.	0.9	5
25	Changes in retinoic acid receptor status, 5â€²-deiodinase activity and neuroendocrine response to voluntary wheel running. General and Comparative Endocrinology, 2010, 165, 304-308.	1.8	4
26	mRNA expression pattern of retinoic acid and retinoid X nuclear receptor subtypes in human thyroid papillary carcinoma. Oncology Reports, 2013, 30, 2371-2378.	2.6	4
27	Triorganotin Isothiocyanates Affect Migration and Immune Check-point Receptors in Human Triple-negative Breast Carcinoma MDA-MB-231 Cells. Anticancer Research, 2019, 39, 4845-4851.	1.1	4
28	Causal associations of autoimmune thyroiditis and papillary thyroid carcinoma: mRNA expression of selected nuclear receptors and other molecular targets. Oncology Letters, 2019, 18, 4270-4277.	1.8	4
29	Down-regulation of vimentin by triorganotin isothiocyanatesâ€”nuclear retinoid X receptor agonists: A proteomic approach. Toxicology Letters, 2020, 318, 22-29.	0.8	4
30	The relationship between renal cell carcinoma and nuclear retinoid/rexinoid receptors. Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia, 2013, 157, 316-324.	0.6	4
31	Effects of natural ligands and synthetic triorganotin compounds of nuclear retinoid X receptors in human MCF-7 breast cancer cell line. General Physiology and Biophysics, 2017, 36, 481-484.	0.9	3
32	Thyroid non-Hodgkinâ€™s lymphoma expression pattern of nuclear retinoid and rexinoid receptor subtypes. General Physiology and Biophysics, 2010, 29, 411-413.	0.9	2
33	Histological evaluation of rat mammary tumours after treatment with retinoic acid analogues â€” phytol, TTNPB and vitamin D3 analogue seocalcitol. Biologia (Poland), 2011, 66, 365-369.	1.5	2
34	In vitro antiproliferative and cytotoxic activities of novel triphenyltin isoselenocyanate in human breast carcinoma cell lines MCF 7 and MDA-MB-231. Medical Oncology, 2022, 39, .	2.5	2
35	Effects of selected triorganotin compounds on transcriptional activity of vitamin D3 receptor andÂperoxisome proliferator-activated receptor gamma. General Physiology and Biophysics, 2018, 37, 589-596.	0.9	1
36	The effect of allâ€‹trans retinoic acid on the mitochondrial function and survival of cardiomyoblasts exposed to local photodamage. Cell Biology International, 2022, 46, 947-964.	3.0	1