

Majorie B M Van Duursen

List of Publications by Year in descending order

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59
papers

1,640
citations

304602

22
h-index

315616

38
g-index

67
all docs

67
docs citations

67
times ranked

2540
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural bisphenol analogues differentially target steroidogenesis in murine MA-10 Leydig cells as well as the glucocorticoid receptor. <i>Toxicology</i> , 2015, 329, 10-20.	2.0	104
2	Endocrine Disruptors Differentially Target ATP-Binding Cassette Transporters in the Blood-Testis Barrier and Affect Leydig Cell Testosterone Secretion In Vitro. <i>Toxicological Sciences</i> , 2013, 136, 382-391.	1.4	96
3	A new highly specific and robust yeast androgen bioassay for the detection of agonists and antagonists. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 389, 1549-1558.	1.9	91
4	Evaluation of an alternative in vitro test battery for detecting reproductive toxicants. <i>Reproductive Toxicology</i> , 2013, 38, 53-64.	1.3	88
5	Remote sensing and signaling in kidney proximal tubules stimulates gut microbiome-derived organic anion secretion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 16105-16110.	3.3	73
6	Genistein induces breast cancer-associated aromatase and stimulates estrogen-dependent tumor cell growth in in vitro breast cancer model. <i>Toxicology</i> , 2011, 289, 67-73.	2.0	69
7	Modulation of estrogen synthesis and metabolism by phytoestrogens <i>in vitro</i> and the implications for women's health. <i>Toxicology Research</i> , 2017, 6, 772-794.	0.9	59
8	Activation of the Aryl Hydrocarbon Receptor Suppresses Sensitization in a Mouse Peanut Allergy Model. <i>Toxicological Sciences</i> , 2011, 123, 491-500.	1.4	56
9	Anti-aromatase effect of resveratrol and melatonin on hormonal positive breast cancer cells co-cultured with breast adipose fibroblasts. <i>Toxicology in Vitro</i> , 2014, 28, 1215-1221.	1.1	56
10	Cytochrome P450 1A1 and 1B1 in Human Blood Lymphocytes Are Not Suitable as Biomarkers of Exposure to Dioxin-like Compounds: Polymorphisms and Interindividual Variation in Expression and Inducibility. <i>Toxicological Sciences</i> , 2005, 85, 703-712.	1.4	54
11	Phytochemicals Inhibit Catechol-O-Methyltransferase Activity in Cytosolic Fractions from Healthy Human Mammary Tissues: Implications for Catechol Estrogen-Induced DNA Damage. <i>Toxicological Sciences</i> , 2004, 81, 316-324.	1.4	50
12	Effects of several dioxin-like compounds on estrogen metabolism in the malignant MCF-7 and nontumorigenic MCF-10A human mammary epithelial cell lines. <i>Toxicology and Applied Pharmacology</i> , 2003, 190, 241-250.	1.3	47
13	Potential Health and Environmental Risks of Three-Dimensional Engineered Polymers. <i>Environmental Science and Technology Letters</i> , 2018, 5, 80-85.	3.9	45
14	Conazole fungicides inhibit Leydig cell testosterone secretion and androgen receptor activation in vitro. <i>Toxicology Reports</i> , 2014, 1, 271-283.	1.6	44
15	Consensus Toxicity Factors for Polychlorinated Dibenzo- <i>p</i> -dioxins, Dibenzofurans, and Biphenyls Combining <i>in Silico</i> Models and Extensive <i>in Vitro</i> Screening of AhR-Mediated Effects in Human and Rodent Cells. <i>Chemical Research in Toxicology</i> , 2015, 28, 641-650.	1.7	40
16	Phytoestrogens in menopausal supplements induce ER-dependent cell proliferation and overcome breast cancer treatment in an in vitro breast cancer model. <i>Toxicology and Applied Pharmacology</i> , 2013, 269, 132-140.	1.3	31
17	Multivariate toxicity profiles and QSAR modeling of non-dioxin-like PCBs – An investigation of in vitro screening data from ultra-pure congeners. <i>Chemosphere</i> , 2011, 85, 1423-1429.	4.2	30
18	Activation of the aryl hydrocarbon receptor reduces the number of precursor and effector T cells, but preserves thymic CD4+CD25+Foxp3+ regulatory T cells. <i>Toxicology Letters</i> , 2012, 215, 100-109.	0.4	30

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19	Safeguarding Female Reproductive Health Against Endocrine Disrupting Chemicalsâ€”The FREIA Project. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3215.	1.8	28
20	Differential Roles of Phase I and Phase II Enzymes in 3,4-Methylenedioxymethamphetamine-Induced Cytotoxicity. <i>Drug Metabolism and Disposition</i> , 2010, 38, 1105-1112.	1.7	26
21	Some OH-PCBs are more potent inhibitors of aromatase activity and (anti-) glucocorticoids than non-dioxin like (NDL)-PCBs and MeSO ₂ -PCBs. <i>Toxicology Letters</i> , 2011, 206, 158-165.	0.4	26
22	A mechanistic insight into 3,4-methylenedioxymethamphetamine (â€œecstasyâ€)-mediated hepatotoxicity. <i>Veterinary Quarterly</i> , 2011, 31, 193-205.	3.0	25
23	Evaluation of relative effect potencies (REPs) for dioxin-like compounds to derive systemic or human-specific TEFs to improve human risk assessment. <i>Archives of Toxicology</i> , 2016, 90, 1293-1305.	1.9	25
24	Putative adverse outcome pathways for female reproductive disorders to improve testing and regulation of chemicals. <i>Archives of Toxicology</i> , 2020, 94, 3359-3379.	1.9	24
25	Non-dioxin-like AhR Ligands in a Mouse Peanut Allergy Model. <i>Toxicological Sciences</i> , 2012, 128, 92-102.	1.4	22
26	The relevance of chemical interactions with CYP17 enzyme activity: Assessment using a novel in vitro assay. <i>Toxicology and Applied Pharmacology</i> , 2013, 268, 309-317.	1.3	22
27	Anti-tumor properties of methoxylated analogues of resveratrol in malignant MCF-7 but not in non-tumorigenic MCF-10A mammary epithelial cell lines. <i>Toxicology</i> , 2019, 422, 35-43.	2.0	22
28	Specific in vitro toxicity of crude and refined petroleum products: II. Estrogen ($\hat{1}\pm$ and $\hat{1}^2$) and androgen receptorâ€-mediated responses in yeast assays. <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 1529-1536.	2.2	21
29	Effect of androgens on different breast cancer cells co-cultured with or without breast adipose fibroblasts. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2013, 138, 54-62.	1.2	21
30	Excessive levels of diverse phytoestrogens can modulate steroidogenesis and cell migration of KGN human granulosa-derived tumor cells. <i>Toxicology Reports</i> , 2014, 1, 360-372.	1.6	21
31	Aryl hydrocarbon receptor activation affects the dendritic cell phenotype and function during allergic sensitization. <i>Immunobiology</i> , 2013, 218, 1055-1062.	0.8	20
32	Specific in vitro toxicity of crude and refined petroleum products: 3. Estrogenic responses in mammalian assays. <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 973-980.	2.2	18
33	Developmental effects of imatinib mesylate on follicle assembly and early activation of primordial follicle pool in postnatal rat ovary. <i>Reproductive Biology</i> , 2017, 17, 25-33.	0.9	17
34	Relative effective potencies of dioxin-like compounds in rodent and human lung cell models. <i>Toxicology</i> , 2018, 404-405, 33-41.	2.0	16
35	Naringenin (NAR) and 8-prenylnaringenin (8-PN) reduce the developmental competence of porcine oocytes in vitro. <i>Reproductive Toxicology</i> , 2014, 49, 1-11.	1.3	14
36	3,4-Methylenedioxymethamphetamine (MDMA) interacts with therapeutic drugs on CYP3A by inhibition of pregnane X receptor (PXR) activation and catalytic enzyme inhibition. <i>Toxicology Letters</i> , 2011, 203, 82-91.	0.4	13

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37	Comparison of Intake and Systemic Relative Effect Potencies of Dioxin-like Compounds in Female Mice after a Single Oral Dose. <i>Environmental Health Perspectives</i> , 2013, 121, 847-853.	2.8	13
38	Inter-laboratory comparison of a yeast bioassay for the determination of estrogenic activity in biological samples. <i>Analytica Chimica Acta</i> , 2009, 637, 265-272.	2.6	12
39	Induction of cell cycle arrest in human MCF-7 breast cancer cells by cis-stilbene derivatives related to VIOXXÂ®. <i>Toxicology Letters</i> , 2009, 186, 115-122.	0.4	12
40	Assuring safety without animal testing: The case for the human testis in vitro. <i>Reproductive Toxicology</i> , 2013, 39, 63-68.	1.3	12
41	<i>In Vitro</i> and <i>In Silico</i> Derived Relative Effect Potencies of Ah-Receptor-Mediated Effects by PCDD/Fs and PCBs in Rat, Mouse, and Guinea Pig CALUX Cell Lines. <i>Chemical Research in Toxicology</i> , 2014, 27, 1120-1132.	1.7	12
42	Induction of glutathione synthesis and conjugation by 3,4-methylenedioxymethamphetamine (MDMA) and 3,4-dihydroxymethamphetamine (HHMA) in human and rat liver cells, including the protective role of some antioxidants. <i>Toxicology</i> , 2011, 289, 175-184.	2.0	11
43	Differential relative effect potencies of some dioxin-like compounds in human peripheral blood lymphocytes and murine splenic cells. <i>Toxicology Letters</i> , 2014, 226, 43-52.	0.4	11
44	Comparison of intake and systemic relative effect potencies of dioxin-like compounds in female rats after a single oral dose. <i>Archives of Toxicology</i> , 2014, 88, 637-646.	1.9	11
45	Relative effect potency estimates of dioxin-like activity for dioxins, furans, and dioxin-like PCBs in adults based on cytochrome P450 1A1 and 1B1 gene expression in blood. <i>Environment International</i> , 2016, 96, 24-33.	4.8	11
46	Primary endometrial 3D co-cultures: A comparison between human and rat endometrium. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 194, 105458.	1.2	11
47	Chemopreventive actions by enterolactone and 13 VIOXXÂ®-related lactone derivatives in H295R human adrenocortical carcinoma cells. <i>Toxicology Letters</i> , 2010, 192, 271-277.	0.4	10
48	Tissue distribution of dioxin-like compounds: Potential impacts on systemic relative potency estimates. <i>Toxicology Letters</i> , 2013, 220, 294-302.	0.4	10
49	Depsidones inhibit aromatase activity and tumor cell proliferation in a co-culture of human primary breast adipose fibroblasts and T47D breast tumor cells. <i>Toxicology Reports</i> , 2017, 4, 165-171.	1.6	9
50	GH3 and RC-4BC cell lines are not suitable as in vitro models to study prolactin modulation and AHR responsiveness in rat pituitary. <i>Molecular and Cellular Endocrinology</i> , 2019, 496, 110520.	1.6	8
51	No Effect of CYP1B1 Val432Leu Polymorphism on CYP1B1 Messenger RNA Levels in an Organochlorine-Exposed Population in Slovakia. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2005, 14, 755-756.	1.1	6
52	In vitro neuroendocrine effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) in the AhR-expressing hypothalamic rat GnV-3 cell line. <i>Toxicology</i> , 2013, 311, 124-134.	2.0	6
53	Imatinib mesylate does not counteract ovarian tissue fibrosis in postnatal rat ovary. <i>Reproductive Biology</i> , 2019, 19, 133-138.	0.9	6
54	Evaluation of anti-tumour properties of two depsidones – Unguinol and Aspergillusidone D – in triple-negative MDA-MB-231 breast tumour cells. <i>Toxicology Reports</i> , 2019, 6, 1216-1222.	1.6	6

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55	A Putative Adverse Outcome Pathway Network for Disrupted Female Pubertal Onset to Improve Testing and Regulation of Endocrine Disrupting Chemicals. <i>Neuroendocrinology</i> , 2022, 112, 101-114.	1.2	6
56	Assessing anti-estrogenic effects of AHR ligands in primary human and rat endometrial epithelial cells. <i>Reproductive Toxicology</i> , 2020, 96, 202-208.	1.3	4
57	Bovine In Vitro Oocyte Maturation and Embryo Production Used as a Model for Testing Endocrine Disrupting Chemicals Eliciting Female Reproductive Toxicity With Diethylstilbestrol as a Showcase Compound. <i>Frontiers in Toxicology</i> , 0, 4, .	1.6	4
58	Androgen Receptor Expression in Thai Breast Cancer Patients. <i>Medical Sciences (Basel, Switzerland)</i> , 2016, 4, 15.	1.3	3
59	Reply to Koppe and Ten Tusscher's letter to the Editor concerning the use of human peripheral blood lymphocytes to determine relative effect potencies for dioxin like compounds. <i>Toxicology Letters</i> , 2015, 232, 544-545.	0.4	1