

Majorie B M Van Duursen

List of Publications by Citations

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58

papers

1,298

citations

22

h-index

33

g-index

67

ext. papers

1,480

ext. citations

4.7

avg, IF

4.37

L-index

#	Paper	IF	Citations
58	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	4.4	85
57	A new highly specific and robust yeast androgen bioassay for the detection of agonists and antagonists. <i>Analytical and Bioanalytical Chemistry</i> , 2007 , 389, 1549-58	4.4	84
56	Evaluation of an alternative in vitro test battery for detecting reproductive toxicants. <i>Reproductive Toxicology</i> , 2013 , 38, 53-64	3.4	76
55	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, 382-91	4.4	67
54	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	4.4	62
53	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, 703-12	4.4	50
52	Activation of the aryl hydrocarbon receptor suppresses sensitization in a mouse peanut allergy model. <i>Toxicological Sciences</i> , 2011 , 123, 491-500	4.4	49
51	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	11.5	47
50	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, 1215-21	3.6	46
49	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, 241-50	4.6	45
48	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, 316-24	4.4	43
47	Modulation of estrogen synthesis and metabolism by phytoestrogens and the implications for women's health. <i>Toxicology Research</i> , 2017 , 6, 772-794	2.6	31
46	Consensus toxicity factors for polychlorinated dibenzo-p-dioxins, dibenzofurans, and biphenyls combining in silico models and extensive in vitro screening of AhR-mediated effects in human and rodent cells. <i>Chemical Research in Toxicology</i> , 2015 , 28, 641-50	4	31
45	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, 1423-9	8.4	29
44	Conazole fungicides inhibit Leydig cell testosterone secretion and androgen receptor activation. <i>Toxicology Reports</i> , 2014 , 1, 271-283	4.8	27
43	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, 100-9	4.4	27
42	Potential Health and Environmental Risks of Three-Dimensional Engineered Polymers. <i>Environmental Science and Technology Letters</i> , 2018 , 5, 80-85	11	26

41	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, 132-40	4.6	26
40	Differential roles of phase I and phase II enzymes in 3,4-methylenedioxymethamphetamine-induced cytotoxicity. <i>Drug Metabolism and Disposition</i> , 2010 , 38, 1105-12	4	25
39	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, 158-65	4.4	23
38	A mechanistic insight into 3,4-methylenedioxymethamphetamine ("ecstasy")-mediated hepatotoxicity. <i>Veterinary Quarterly</i> , 2011 , 31, 193-205	8	22
37	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, 1293-305	5.8	22
36	Aryl hydrocarbon receptor activation affects the dendritic cell phenotype and function during allergic sensitization. <i>Immunobiology</i> , 2013 , 218, 1055-62	3.4	19
35	Non-dioxin-like AhR ligands in a mouse peanut allergy model. <i>Toxicological Sciences</i> , 2012 , 128, 92-102	4.4	19
34	Specific in vitro toxicity of crude and refined petroleum products: II. Estrogen (alpha and beta) and androgen receptor-mediated responses in yeast assays. <i>Environmental Toxicology and Chemistry</i> , 2010 , 29, 1529-36	3.8	18
33	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	5.1	17
32	The relevance of chemical interactions with CYP17 enzyme activity: assessment using a novel in vitro assay. <i>Toxicology and Applied Pharmacology</i> , 2013 , 268, 309-17	4.6	16
31	Specific in vitro toxicity of crude and refined petroleum products: 3. Estrogenic responses in mammalian assays. <i>Environmental Toxicology and Chemistry</i> , 2011 , 30, 973-80	3.8	16
30	Putative adverse outcome pathways for female reproductive disorders to improve testing and regulation of chemicals. <i>Archives of Toxicology</i> , 2020 , 94, 3359-3379	5.8	15
29	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	2.3	14
28	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	4.4	14
27	Relative effective potencies of dioxin-like compounds in rodent and human lung cell models. <i>Toxicology</i> , 2018 , 404-405, 33-41	4.4	12
26	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, 847-53	8.4	12
25	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	4.4	12
24	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	12.9	11

23	In vitro and in silico 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, 1120-32	4.2	11
22	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	4.4	11
21	Inter-laboratory comparison of a yeast bioassay for the determination of estrogenic activity in biological samples. <i>Analytica Chimica Acta</i> , 2009 , 637, 265-72	6.6	11
20	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, 637-46	5.8	10
19	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	4.8	10
18	Naringenin (NAR) and 8-prenylnaringenin (8-PN) reduce the developmental competence of porcine oocytes in vitro. <i>Reproductive Toxicology</i> , 2014 , 49, 1-11	3.4	10
17	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, 175-84	4.4	10
16	Assuring safety without animal testing: the case for the human testis in vitro. <i>Reproductive Toxicology</i> , 2013 , 39, 63-8	3.4	9
15	Induction of cell cycle arrest in human MCF-7 breast cancer cells by cis-stilbene derivatives related to VIOXX. <i>Toxicology Letters</i> , 2009 , 186, 115-22	4.4	9
14	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	4.8	8
13	Safeguarding Female Reproductive Health against Endocrine Disrupting Chemicals-The FREIA Project. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	8
12	Tissue distribution of dioxin-like compounds: potential impacts on systemic relative potency estimates. <i>Toxicology Letters</i> , 2013 , 220, 294-302	4.4	8
11	Chemopreventive actions by enterolactone and 13 VIOXX-related lactone derivatives in H295R human adrenocortical carcinoma cells. <i>Toxicology Letters</i> , 2010 , 192, 271-7	4.4	8
10	Primary endometrial 3D co-cultures: A comparison between human and rat endometrium. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019 , 194, 105458	5.1	7
9	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, 124-34	4.4	6
8	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, 755-6	4	6
7	Imatinib mesylate does not counteract ovarian tissue fibrosis in postnatal rat ovary. <i>Reproductive Biology</i> , 2019 , 19, 133-138	2.3	4
6	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	4.4	3

5	Androgen Receptor Expression in Thai Breast Cancer Patients. <i>Medical Sciences (Basel, Switzerland)</i> , 2016 , 4,	3.3	3
4	Assessing anti-estrogenic effects of AHR ligands in primary human and rat endometrial epithelial cells. <i>Reproductive Toxicology</i> , 2020 , 96, 202-208	3.4	2
3	A putative adverse outcome pathway network for disrupted female pubertal onset to improve testing and regulation of endocrine disrupting chemicals. <i>Neuroendocrinology</i> , 2021 ,	5.6	2
2	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, 544-5	4.4	1
1	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	4.8	1