Philippa D Darbre

List of Publications by Year
in descending order

100	6,870	57758	62596
papers	citations	44 h-index	80 g-index

100	100	100	6326
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Concentrations of parabens in human breast tumours. Journal of Applied Toxicology, 2004, 24, 5-13.	2.8	664
2	Paraben esters: review of recent studies of endocrine toxicity, absorption, esterase and human exposure, and discussion of potential human health risks. Journal of Applied Toxicology, 2008, 28, 561-578.	2.8	562
3	Oestrogenic activity of parabens in MCF7 human breast cancer cells. Journal of Steroid Biochemistry and Molecular Biology, 2002, 80, 49-60.	2.5	317
4	Endocrine Disruptors and Obesity. Current Obesity Reports, 2017, 6, 18-27.	8.4	269
5	Metalloestrogens: an emerging class of inorganic xenoestrogens with potential to add to the oestrogenic burden of the human breast. Journal of Applied Toxicology, 2006, 26, 191-197.	2.8	243
6	Assessing the carcinogenic potential of low-dose exposures to chemical mixtures in the environment: the challenge ahead. Carcinogenesis, 2015, 36, S254-S296.	2.8	239
7	Oestrogenic and androgenic activity of triclosan in breast cancer cells. Journal of Applied Toxicology, 2008, 28, 78-91.	2.8	235
8	Aluminium, antiperspirants and breast cancer. Journal of Inorganic Biochemistry, 2005, 99, 1912-1919.	3.5	210
9	Tocotrienols inhibit the growth of human breast cancer cells irrespective of estrogen receptor status. Lipids, 1998, 33, 461-469.	1.7	201
10	Environmental oestrogens, cosmetics and breast cancer. Best Practice and Research in Clinical Endocrinology and Metabolism, 2006, 20, 121-143.	4.7	179
11	Measurement of paraben concentrations in human breast tissue at serial locations across the breast from axilla to sternum. Journal of Applied Toxicology, 2012, 32, 219-232.	2.8	173
12	Comparative study of oestrogenic properties of eight phytoestrogens in MCF7 human breast cancer cells. Journal of Steroid Biochemistry and Molecular Biology, 2005, 94, 431-443.	2.5	169
13	Oestrogenic activity ofp-hydroxybenzoic acid (common metabolite of paraben esters) and methylparaben in human breast cancer cell lines. Journal of Applied Toxicology, 2005, 25, 301-309.	2.8	150
14	Oestrogenic activity of isobutylparabenin vitro andin vivo. Journal of Applied Toxicology, 2002, 22, 219-226.	2.8	147
15	Oestrogenic activity of benzylparaben. Journal of Applied Toxicology, 2003, 23, 43-51.	2.8	143
16	Overview of air pollution and endocrine disorders. International Journal of General Medicine, 2018, Volume 11, 191-207.	1.8	142
17	Endocrine disrupters and human health: could oestrogenic chemicals in body care cosmetics adversely affect breast cancer incidence in women?. Journal of Applied Toxicology, 2004, 24, 167-176.	2.8	137
18	Parabens can enable hallmarks and characteristics of cancer in human breast epithelial cells: a review of the literature with reference to new exposure data and regulatory status. Journal of Applied Toxicology, 2014, 34, 925-938.	2.8	134

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19	Underarm cosmetics and breast cancer. Journal of Applied Toxicology, 2003, 23, 89-95.	2.8	130
20	Combinations of parabens at concentrations measured in human breast tissue can increase proliferation of MCFâ€7 human breast cancer cells. Journal of Applied Toxicology, 2013, 33, 390-398.	2.8	127
21	Differential epigenetic reprogramming in response to specific endocrine therapies promotes cholesterol biosynthesis and cellular invasion. Nature Communications, 2015, 6, 10044.	12.8	108
22	Progression to steroid insensitivity can occur irrespective of the presence of functional steroid receptors. Cell, 1987, 51, 521-528.	28.9	104
23	Underarm cosmetics are a cause of breast cancer. European Journal of Cancer Prevention, 2001, 10, 389-394.	1.3	91
24	Aluminium in human breast tissue. Journal of Inorganic Biochemistry, 2007, 101, 1344-1346.	3.5	89
25	Aluminium and breast cancer: Sources of exposure, tissue measurements and mechanisms of toxicological actions on breast biology. Journal of Inorganic Biochemistry, 2013, 128, 257-261.	3.5	87
26	Exposure to parabens at the concentration of maximal proliferative response increases migratory and invasive activity of human breast cancer cells in vitro. Journal of Applied Toxicology, 2014, 34, 1051-1059.	2.8	68
27	Effects of estradiol and tamoxifen on human breast cancer cells in serum-free culture. Cancer Research, 1984, 44, 2790-3.	0.9	67
28	Cellular and molecular events in loss of estrogen sensitivity in ZR-75-1 and T-47-D human breast cancer cells. Cancer Research, 1990, 50, 5868-75.	0.9	66
29	Changes in oestrogen receptor-Î± and -Î² during progression to acquired resistance to tamoxifen and fulvestrant (Faslodex, ICI 182,780) in MCF7 human breast cancer cells. Journal of Steroid Biochemistry and Molecular Biology, 2006, 99, 19-32.	2.5	65
30	Insulin-like Growth Factor Receptor Levels Are Regulated by Cell Density and by Long Term Estrogen Deprivation in MCF7 Human Breast Cancer Cells. Journal of Biological Chemistry, 2001, 276, 40080-40086.	3.4	63
31	Processing of insulin-like growth factor-II (IGF-II) by human breast cancer cells. Molecular and Cellular Endocrinology, 1994, 99, 211-220.	3.2	62
32	The history of endocrine-disrupting chemicals. Current Opinion in Endocrine and Metabolic Research, 2019, 7, 26-33.	1.4	62
33	Oestrogenic activity of benzyl salicylate, benzyl benzoate and butylphenylmethylpropional (Lilial) in MCF7 human breast cancer cells in vitro. Journal of Applied Toxicology, 2009, 29, 422-434.	2.8	60
34	Environmental oestrogens and breast cancer: evidence for combined involvement of dietary, household and cosmetic xenoestrogens. Anticancer Research, 2010, 30, 815-27.	1.1	59
35	Effect of sulphation on the oestrogen agonist activity of the phytoestrogens genistein and daidzein in MCF-7 human breast cancer cells. Journal of Endocrinology, 2008, 197, 503-515.	2.6	58
36	Low-dose environmental endocrine disruptors, increase aromatase activity, estradiol biosynthesis and cell proliferation in human breast cells. Molecular and Cellular Endocrinology, 2019, 486, 55-64.	3.2	58

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37	Aluminium and the human breast. Morphologie, 2016, 100, 65-74.	0.9	57
38	Comparison of the global gene expression profiles produced by methylparaben,n-butylparaben and 17Î²-oestradiol in MCF7 human breast cancer cells. Journal of Applied Toxicology, 2007, 27, 67-77.	2.8	56
39	Analysis of aluminium content and iron homeostasis in nipple aspirate fluids from healthy women and breast cancerâ€affected patients. Journal of Applied Toxicology, 2011, 31, 262-269.	2.8	56
40	Aluminium and human breast diseases. Journal of Inorganic Biochemistry, 2011, 105, 1484-1488.	3.5	53
41	Interaction of growth factors during progression towards steroid independence in T-47-D human breast cancer cells. Journal of Cellular Biochemistry, 1990, 43, 199-211.	2.6	52
42	Effect of aluminium on migratory and invasive properties of MCF-7 human breast cancer cells in culture. Journal of Inorganic Biochemistry, 2013, 128, 245-249.	3.5	52
43	Recorded quadrant incidence of female breast cancer in Great Britain suggests a disproportionate increase in the upper outer quadrant of the breast. Anticancer Research, 2005, 25, 2543-50.	1.1	52
44	Interaction of phenol red with estrogenic and antiestrogenic action on growth of human breast cancer cells ZR-75-1 and T-47-D. Cancer Research, 1988, 48, 3693-7.	0.9	49
45	Parabens enable suspension growth of MCFâ€10A immortalized, nonâ€transformed human breast epithelial cells. Journal of Applied Toxicology, 2013, 33, 378-382.	2.8	45
46	Concentration of aluminium in breast cyst fluids collected from women affected by gross cystic breast disease. Journal of Applied Toxicology, 2009, 29, 1-6.	2.8	40
47	Underarm antiperspirants/deodorants and breast cancer. Breast Cancer Research, 2009, 11, S5.	5.0	40
48	Chemical components of plastics as endocrine disruptors: Overview and commentary. Birth Defects Research, 2020, 112, 1300-1307.	1.5	40
49	Tocotrienols inhibit growth of ZR-75â€“1 breast cancer cells. International Journal of Food Sciences and Nutrition, 2000, 51, s95-s103.	2.8	36
50	Effects of exposure to six chemical ultraviolet filters commonly used in personal care products on motility of MCFâ€7 and MDAâ€MBâ€231 human breast cancer cells in vitro. Journal of Applied Toxicology, 2018, 38, 148-159.	2.8	36
51	The potential for chemical mixtures from the environment to enable the cancer hallmark of sustained proliferative signalling. Carcinogenesis, 2015, 36, S38-S60.	2.8	32
52	Environmental oestrogens and breast cancer: long-term low-dose effects of mixtures of various chemical combinations. Journal of Epidemiology and Community Health, 2013, 67, 203-205.	3.7	31
53	Effects of aluminium chloride and aluminium chlorohydrate on DNA repair in MCF10A immortalised non-transformed human breast epithelial cells. Journal of Inorganic Biochemistry, 2015, 152, 186-189.	3.5	28
54	Effect of aluminium on migration of oestrogen unresponsive MDA-MB-231 human breast cancer cells in culture. Journal of Inorganic Biochemistry, 2015, 152, 180-185.	3.5	28

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55	Multihormone regulation of MMTV-LTR in transfected T-47-D human breast cancer cells. The Journal of Steroid Biochemistry, 1989, 32, 357-363.	1.1	27
56	Transition of human breast cancer cells from an oestrogen responsive to unresponsive state. Journal of Steroid Biochemistry and Molecular Biology, 1990, 37, 753-763.	2.5	27
57	Steroid hormone regulation of cultured breast cancer cells. Cancer Treatment and Research, 1988, 40, 307-341.	0.5	25
58	Environmental contaminants in milk: the problem of organochlorine xenobiotics. Biochemical Society Transactions, 1998, 26, 106-112.	3.4	23
59	Measurement of concentrations of four chemical ultraviolet filters in human breast tissue at serial locations across the breast. Journal of Applied Toxicology, 2018, 38, 1112-1120.	2.8	23
60	The aluminium content of breast tissue taken from women with breast cancer. Journal of Trace Elements in Medicine and Biology, 2013, 27, 257-266.	3.0	19
61	Exposure to cyclic volatile methylsiloxanes (cVMS) causes anchorageâ€independent growth and reduction of BRCA1 in nonâ€transformed human breast epithelial cells. Journal of Applied Toxicology, 2017, 37, 454-461.	2.8	16
62	Endocrine disrupting chemicals and breast cancer cells. Advances in Pharmacology, 2021, 92, 485-520.	2.0	15
63	Underarm cosmetics and breast cancer. European Journal of Cancer Prevention, 2004, 13, 153.	1.3	14
64	Loss of growth inhibitory effects of retinoic acid in human breast cancer cells following long-term exposure to retinoic acid. British Journal of Cancer, 2000, 83, 1183-1191.	6.4	13
65	Molecular mechanisms of oestrogen action on growth of human breast cancer cells in culture. Hormone Molecular Biology and Clinical Investigation, 2012, 9, 65-85.	0.7	12
66	What Are Endocrine Disrupters and Where Are They Found?. , 2015, , 3-26.		12
67	Longâ€term exposure to triclosan increases migration and invasion of human breast epithelial cells in vitro. Journal of Applied Toxicology, 2021, 41, 1115-1126.	2.8	12
68	Effects of oestrogen on human breast cancer cells in culture. Proceedings of the Royal Society of Edinburgh Section B Biological Sciences, 1989, 95, 119-132.	0.2	11
69	Use of global gene expression patterns in mechanistic studies of oestrogen action in MCF7 human breast cancer cells. Journal of Steroid Biochemistry and Molecular Biology, 2009, 114, 21-32.	2.5	9
70	Role of receptor occupancy in the transition from responsive to unresponsive states in cultured breast tumor cells. Journal of Cellular Biochemistry, 1988, 36, 83-89.	2.6	8
71	Coculture Inserts Possess an Intrinsic Ability to Alter Growth Regulation of Human Breast Cancer Cells. Experimental Cell Research, 1994, 213, 404-411.	2.6	8
72	Enhanced sensitivity to rapamycin following long-term oestrogen deprivation in MCF-7, T-47-D and ZR-75-1 human breast cancer cells. Journal of Endocrinology, 2011, 208, 21-29.	2.6	7

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73	Endocrine Disrupters in Air. , 2022, , 445-461.		7
74	Progression to steroid autonomy is accompanied by altered sensitivity to growth factors in S115 mouse mammary tumour cells. Journal of Steroid Biochemistry and Molecular Biology, 1995, 54, 21-29.	2.5	6
75	Increased autocrine production of insulin-like growth factor II (IGF-II) alters serum sensitivity of MCF-7 human breast cancer cell proliferation. Cell Proliferation, 1996, 29, 479-493.	5.3	6
76	Hypersensitivity and growth adaptation of oestrogen-deprived MCF-7 human breast cancer cells. Anticancer Research, 2014, 34, 99-105.	1.1	6
77	Differential effects of overexpression of ERÎ± and ERÎ² in MCF10A immortalised, non-transformed human breast epithelial cells. Hormone Molecular Biology and Clinical Investigation, 2010, 1, 117-26.	0.7	5
78	Endocrine Disruption and Male Reproductive Health. , 2015, , 159-175.		5
79	Crosstalk with insulin and dependence on PI3K/Akt/mTOR rather than MAPK pathways in upregulation of basal growth following long-term oestrogen deprivation in three human breast cancer cell lines. Hormone Molecular Biology and Clinical Investigation, 2011, 5, 53-65.	0.7	4
80	How Could Endocrine Disrupters Affect Human Health?. , 2015, , 27-45.		4
81	Effects of Steroids and Their Antagonists on Breast Cancer Cells: Therapeutic Implications. Recent Results in Cancer Research, 1989, 113, 16-28.	1.8	4
82	Regulatory Considerations for Dermal Application of Endocrine Disrupters in Personal Care Products. , 2015, , 343-361.		3
83	Reply to Robert Golden and Jay Gandy. Journal of Applied Toxicology, 2004, 24, 299-301.	2.8	2
84	Reply to Christopher Flower. Journal of Applied Toxicology, 2004, 24, 305-306.	2.8	2
85	An Introduction to the Challenges for Risk Assessment of Endocrine Disrupting Chemicals. , 2015, , 289-300.		2
86	Human Health Implications of Personal Care Products: Breast Cancer and Other Breast-Related Diseases. , 2019, , 558-569.		2
87	What Are Endocrine Disrupters and Where Are They Found?. , 2022, , 3-29.		2
88	Exposure to Mixtures of EDCs and Long-Term Effects. , 2022, , 165-182.		2
89	Reply to Alan M. Jeffrey and Gary M. Williams. Journal of Applied Toxicology, 2004, 24, 303-304.	2.8	1
90	Endocrine Disruption and Female Reproductive Health. , 2015, , 143-158.		1

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91	Endocrine Disruption and Cancer of Reproductive Tissues. , 2015, , 177-200.		1
92	Disrupters of Estrogen Action and Synthesis. , 2015, , 49-73.		1
93	Regulatory Considerations for Dermal Application of Endocrine Disrupters in Personal Care Products. , 2022, , 463-484.		1
94	How Could Endocrine Disrupters Affect Human Health?. , 2022, , 31-56.		1
95	Isobutylparaben is oestrogenic to human breast cancer cells. Biochemical Society Transactions, 2001, 29, A41-A41.	3.4	0
96	Endocrine Disruption and Female Reproductive Health. , 2022, , 185-204.		0
97	An Introduction to the Challenges for Risk Assessment of Endocrine Disrupting Chemicals. , 2022, , 379-392.		0
98	Disrupters of Estrogen Action and Synthesis. , 2022, , 59-87.		0
99	Endocrine Disruption and Male Reproductive Health. , 2022, , 205-223.		0
100	Endocrine Disruption and Cancer of Reproductive Tissues. , 2022, , 225-253.		0