Frederick S Vom Saal

List of Publications by Year
in descending order

50 papers	11,671 citations	109321 35 h-index	189892 50 g-index
51 all docs	51 docs citations	51 times ranked	9207 citing authors

#	Article	IF	Citations
1	Hormones and Endocrine-Disrupting Chemicals: Low-Dose Effects and Nonmonotonic Dose Responses. Endocrine Reviews, 2012, 33, 378-455.	20.1	2,413
2	An Extensive New Literature Concerning Low-Dose Effects of Bisphenol A Shows the Need for a New Risk Assessment. Environmental Health Perspectives, 2005, 113, 926-933.	6.0	1,010
3	In vivo effects of bisphenol A in laboratory rodent studies. Reproductive Toxicology, 2007, 24, 199-224.	2.9	1,000
4	Large Effects from Small Exposures. III. Endocrine Mechanisms Mediating Effects of Bisphenol A at Levels of Human Exposure. Endocrinology, 2006, 147, s56-s69.	2.8	829
5	Large effects from small exposures. I. Mechanisms for endocrine-disrupting chemicals with estrogenic activity.. Environmental Health Perspectives, 2003, 111, 994-1006.	6.0	770
6	Exposure to bisphenol A advances puberty. Nature, 1999, 401, 763-764.	27.8	749
7	A Physiologically Based Approach To the Study of Bisphenol a and Other Estrogenic Chemicals On the Size of Reproductive Organs, Daily Sperm Production, and Behavior. Toxicology and Industrial Health, 1998, 14, 239-260.	1.4	708
8	Estrogenic chemicals in plastic and oral contraceptives disrupt development of the fetal mouse prostate and urethra. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 7014-7019.	7.1	360
9	Why Public Health Agencies Cannot Depend on Good Laboratory Practices as a Criterion for Selecting Data: The Case of Bisphenol A. Environmental Health Perspectives, 2009, 117, 309-315.	6.0	268
10	Similarity of Bisphenol A Pharmacokinetics in Rhesus Monkeys and Mice: Relevance for Human Exposure. Environmental Health Perspectives, 2011, 119, 422-430.	6.0	242
11	Metabolic disruption in male mice due to fetal exposure to low but not high doses of bisphenol A (BPA): Evidence for effects on body weight, food intake, adipocytes, leptin, adiponectin, insulin and glucose regulation. Reproductive Toxicology, 2013, 42, 256-268.	2.9	242
12	Large effects from small exposures. II. The importance of positive controls in low-dose research on bisphenol A. Environmental Research, 2006, 100, 50-76.	7.5	226
13	Low dose effects of bisphenol A. Endocrine Disruptors (Austin, Tex), 2013, 1, e26490.	1.1	174
14	Role of nutrition and environmental endocrine disrupting chemicals during the perinatal period on the aetiology of obesityâ˜†. Molecular and Cellular Endocrinology, 2009, 304, 90-96.	3.2	164
15	Holding Thermal Receipt Paper and Eating Food after Using Hand Sanitizer Results in High Serum Bioactive and Urine Total Levels of Bisphenol A (BPA). PLoS ONE, 2014, 9, e110509.	2.5	163
16	Evidence that bisphenol A (BPA) can be accurately measured without contamination in human serum and urine, and that BPA causes numerous hazards from multiple routes of exposure. Molecular and Cellular Endocrinology, 2014, 398, 101-113.	3.2	120
17	Estradiol and Bisphenol A Stimulate Androgen Receptor and Estrogen Receptor Gene Expression in Fetal Mouse Prostate Mesenchyme Cells. Environmental Health Perspectives, 2007, 115, 902-908.	6.0	119
18	Should oral gavage be abandoned in toxicity testing of endocrine disruptors?. Environmental Health, 2014, 13, 46.	4.0	114

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19	Update on the Health Effects of Bisphenol A: Overwhelming Evidence of Harm. Endocrinology, 2021, 162, .	2.8	103
20	Non-monotonic dose effects of in utero exposure to di(2-ethylhexyl) phthalate (DEHP) on testicular and serum testosterone and anogenital distance in male mouse fetuses. Reproductive Toxicology, 2012, 34, 614-621.	2.9	102
21	No effect of route of exposure (oral; subcutaneous injection) on plasma bisphenol A throughout 24h after administration in neonatal female mice. Reproductive Toxicology, 2008, 25, 169-176.	2.9	99
22	A round robin approach to the analysis of bisphenol a (BPA) in human blood samples. Environmental Health, 2014, 13, 25.	4.0	84
23	Comparison of Serum Bisphenol A Concentrations in Mice Exposed to Bisphenol A through the Diet versus Oral Bolus Exposure. Environmental Health Perspectives, 2011, 119, 1260-1265.	6.0	83
24	Perinatal exposure to endocrine disruptors: sex, timing and behavioral endpoints. Current Opinion in Behavioral Sciences, 2016, 7, 69-75.	3.9	78
25	Flawed Experimental Design Reveals the Need for Guidelines Requiring Appropriate Positive Controls in Endocrine Disruption Research. Toxicological Sciences, 2010, 115, 612-613.	3.1	72
26	Blood flow in the uterine loop artery and loop vein is bidirectional in the mouse: Implications for transport of steroids between fetuses. Physiology and Behavior, 1992, 52, 163-171.	2.1	68
27	Developmental effects of estrogenic chemicals are predicted by an in vitro assay incorporating modification of cell uptake by serum. Journal of Steroid Biochemistry and Molecular Biology, 1999, 69, 343-357.	2.5	68
28	The importance of appropriate controls, animal feed, and animal models in interpreting results from low-dose studies of bisphenol A. Birth Defects Research Part A: Clinical and Molecular Teratology, 2005, 73, 140-145.	1.6	59
29	Estrogenic environmental chemicals and drugs: Mechanisms for effects on the developing male urogenital system. Journal of Steroid Biochemistry and Molecular Biology, 2011, 127, 83-95.	2.5	59
30	BPA: have flawed analytical techniques compromised risk assessments?. Lancet Diabetes and Endocrinology,the, 2020, 8, 11-13.	11.4	56
31	Bisphenol A (BPA) pharmacokinetics with daily oral bolus or continuous exposure via silastic capsules in pregnant rhesus monkeys: Relevance for human exposures. Reproductive Toxicology, 2014, 45, 105-116.	2.9	53
32	Developmental exposure to bisphenol A (BPA) alters sexual differentiation in painted turtles (Chrysemys picta). General and Comparative Endocrinology, 2015, 216, 77-85.	1.8	49
33	Implications for human health of the extensive bisphenol A literature showing adverse effects at low doses: A response to attempts to mislead the public. Toxicology, 2005, 212, 244-252.	4.2	48
34	Data integration, analysis, and interpretation of eight academic CLARITY-BPA studies. Reproductive Toxicology, 2020, 98, 29-60.	2.9	42
35	The plastic world: Sources, amounts, ecological impacts and effects on development, reproduction, brain and behavior in aquatic and terrestrial animals and humans. Environmental Research, 2008, 108, 127-130.	7.5	35
36	Flaws in design, execution and interpretation limit CLARITYâ€BPAâ€™s value for risk assessments of bisphenol A. Basic and Clinical Pharmacology and Toxicology, 2019, 125, 32-43.	2.5	26

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37	Sex-biased impact of endocrine disrupting chemicals on behavioral development and vulnerability to disease: Of mice and children. Neuroscience and Biobehavioral Reviews, 2021, 121, 29-46.	6.1	24
38	Commercial animal feed: Variability in estrogenic activity and effects on body weight in mice. Birth Defects Research Part A: Clinical and Molecular Teratology, 2005, 73, 474-475.	1.6	22
39	Dose-Related Estrogen Effects on Gene Expression in Fetal Mouse Prostate Mesenchymal Cells. PLoS ONE, 2012, 7, e48311.	2.5	20
40	Endocrine disruptor bisphenol A is implicated in urinary voiding dysfunction in male mice. American Journal of Physiology - Renal Physiology, 2018, 315, F1208-F1216.	2.7	19
41	A New â€˜Crowded Uterine Hornâ€™ Mouse Model for Examining the Relationship Between Foetal Growth and Adult Obesity. Basic and Clinical Pharmacology and Toxicology, 2008, 102, 162-167.	2.5	18
42	Estrogen receptor 1 expression and methylation of Esr1 promoter in mouse fetal prostate mesenchymal cells induced by gestational exposure to bisphenol A or ethinylestradiol. Environmental Epigenetics, 2019, 5, dvz012.	1.8	18
43	Interactive Effects of Perinatal BPA or DES and Adult Testosterone and Estradiol Exposure on Adult Urethral Obstruction and Bladder, Kidney, and Prostate Pathology in Male Mice. International Journal of Molecular Sciences, 2020, 21, 3902.	4.1	17
44	Bisphenol A Eliminates Brain and Behavior Sex Dimorphisms in Mice: How Low Can You Go?. Endocrinology, 2006, 147, 3679-3680.	2.8	16
45	Obesity III: Obesogen assays: Limitations, strengths, and new directions. Biochemical Pharmacology, 2022, 199, 115014.	4.4	14
46	Reduced body weight at weaning followed by increased post-weaning growth rate interacts with part-per-trillion fetal serum concentrations of bisphenol A (BPA) to impair glucose tolerance in male mice. PLoS ONE, 2018, 13, e0208846.	2.5	11
47	Could hormone residues be involved?. Human Reproduction, 2007, 22, 1503-1505.	0.9	8
48	BPA and risk assessment â€“ Authors' reply. Lancet Diabetes and Endocrinology,the, 2020, 8, 271-272.	11.4	3
49	Prostate Structure. , 2018, , 315-324.		1
50	The Crowded Uterine Horn Mouse Model for Examining Postnatal Metabolic Consequences of Intrauterine Growth Restriction vs. Macrosomia in Siblings. Metabolites, 2022, 12, 102.	2.9	1