

Donald R Mattison

List of Publications by Citations

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182
papers

6,034
citations

44
h-index

69
g-index

203
ext. papers

6,691
ext. citations

4.6
avg, IF

5.67
L-index

#	Paper	IF	Citations
182	Sex differences in pharmacokinetics and pharmacodynamics. <i>Clinical Pharmacokinetics</i> , 2009 , 48, 143-57	6.2	451
181	Environmental exposures and adverse pregnancy outcomes: a review of the science. <i>Reproductive Sciences</i> , 2008 , 15, 631-50	3	235
180	Are we optimizing gestational diabetes treatment with glyburide? The pharmacologic basis for better clinical practice. <i>Clinical Pharmacology and Therapeutics</i> , 2009 , 85, 607-14	6.1	160
179	Sex differences in drug disposition. <i>Journal of Biomedicine and Biotechnology</i> , 2011 , 2011, 187103		158
178	Exposure to Hurricane Katrina, post-traumatic stress disorder and birth outcomes. <i>American Journal of the Medical Sciences</i> , 2008 , 336, 111-5	2.2	140
177	Reduction in oocyte number following prenatal exposure to a diet high in galactose. <i>Science</i> , 1981 , 214, 1145-7	33.3	137
176	Chemical contaminants in breast milk and their impacts on children's health: an overview. <i>Environmental Health Perspectives</i> , 2002 , 110, A313-5	8.4	132
175	The effects of smoking on fertility from gametogenesis to implantation. <i>Environmental Research</i> , 1982 , 28, 410-33	7.9	113
174	Bisphenol A and indicators of obesity, glucose metabolism/type 2 diabetes and cardiovascular disease: a systematic review of epidemiologic research. <i>Critical Reviews in Toxicology</i> , 2014 , 44, 121-50	5.7	108
173	Contribution of birth defects to infant mortality in the United States. <i>Teratology</i> , 2002 , 66 Suppl 1, S3-6		104
172	The changing epidemiology of multiple births in the United States. <i>Obstetrics and Gynecology</i> , 2003 , 101, 129-35	4.9	103
171	Differential follicle counts as a screen for chemically induced ovarian toxicity in mice: results from continuous breeding bioassays. <i>Fundamental and Applied Toxicology</i> , 1997 , 39, 1-10		102
170	Ending propylthiouracil-induced liver failure in children. <i>New England Journal of Medicine</i> , 2009 , 360, 1574-5	59.2	98
169	The role of epoxidation in 4-vinylcyclohexene-induced ovarian toxicity. <i>Toxicology and Applied Pharmacology</i> , 1990 , 105, 372-81	4.6	97
168	Effectiveness of delayed-release doxylamine and pyridoxine for nausea and vomiting of pregnancy: a randomized placebo controlled trial. <i>American Journal of Obstetrics and Gynecology</i> , 2010 , 203, 571.e1-7	6.4	96
167	Psychotherapeutic medication prevalence in Medicaid-insured preschoolers. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2007 , 17, 195-203	2.9	88
166	Phosphoramidate mustard is responsible for the ovarian toxicity of cyclophosphamide. <i>Toxicology and Applied Pharmacology</i> , 1991 , 107, 472-81	4.6	84

165	Do phthalates act as obesogens in humans? A systematic review of the epidemiological literature. <i>Critical Reviews in Toxicology</i> , 2014 , 44, 151-75	5.7	80
164	Reproductive toxicity of cyclophosphamide in the C57BL/6N mouse: 1. Effects on ovarian structure and function. <i>Reproductive Toxicology</i> , 1992 , 6, 411-21	3.4	78
163	Weight of the Evidence Evaluation of Low-Dose Reproductive and Developmental Effects of Bisphenol A. <i>Human and Ecological Risk Assessment (HERA)</i> , 2004 , 10, 875-921	4.9	76
162	Human placental transport of oxytocin. <i>The Journal of Maternal-fetal Medicine</i> , 1996 , 5, 245-55		76
161	Morphology of oocyte and follicle destruction by polycyclic aromatic hydrocarbons in mice. <i>Toxicology and Applied Pharmacology</i> , 1980 , 53, 249-59	4.6	75
160	Oocyte destruction by polycyclic aromatic hydrocarbons. <i>American Journal of Industrial Medicine</i> , 1983 , 4, 191-202	2.7	68
159	The Effect of Smoking on Oogenesis, Fertilization, and Implantation. <i>Seminars in Reproductive Medicine</i> , 1989 , 7, 291-304	1.4	66
158	Serum uric acid in relation to endogenous reproductive hormones during the menstrual cycle: findings from the BioCycle study. <i>Human Reproduction</i> , 2013 , 28, 1853-62	5.7	65
157	Pharmacokinetics of oseltamivir among pregnant and nonpregnant women. <i>American Journal of Obstetrics and Gynecology</i> , 2011 , 204, S84-8	6.4	60
156	Environmental exposures and development. <i>Current Opinion in Pediatrics</i> , 2010 , 22, 208-18	3.2	60
155	Dabigatran, bleeding, and the regulators. <i>BMJ, The</i> , 2014 , 349, g4517	5.9	59
154	Galactose inhibition of ovulation in mice**Supported by the National Institute for Occupational Safety and Health grant 0H00835 to W.J.S.. <i>Fertility and Sterility</i> , 1988 , 49, 522-526	4.8	59
153	Comparison of progesterone and glucocorticoid receptor binding and stimulation of gene expression by progesterone, 17-alpha hydroxyprogesterone caproate, and related progestins. <i>American Journal of Obstetrics and Gynecology</i> , 2007 , 197, 599.e1-7	6.4	58
152	Clonidine pharmacokinetics in pregnancy. <i>Drug Metabolism and Disposition</i> , 2009 , 37, 702-5	4	55
151	Monoclonal antibodies to the major protein of the murine zona pellucida: effects on fertilization and early development. <i>Developmental Biology</i> , 1984 , 104, 49-56	3.1	55
150	The mechanisms of action of reproductive toxins. <i>American Journal of Industrial Medicine</i> , 1983 , 4, 65-79	2.7	55
149	Identification of the major human hepatic and placental enzymes responsible for the biotransformation of glyburide. <i>Biochemical Pharmacology</i> , 2009 , 78, 1483-90	6	54
148	The utility of menstrual cycle length as an indicator of cumulative hormonal exposure. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, E1871-9	5.6	54

147	Comparison of random and serial sections in assessment of ovarian toxicity. <i>Reproductive Toxicology</i> , 1991 , 5, 379-83	3.4	53
146	Effect of oocyte number and rate of atresia on the age of menopause. <i>Reproductive Toxicology</i> , 1987 , 1, 41-51	3.4	50
145	Reproductive toxicity: male and female reproductive systems as targets for chemical injury. <i>Medical Clinics of North America</i> , 1990 , 74, 391-411	7	49
144	The mechanisms of action of reproductive toxicants. <i>Toxicologic Pathology</i> , 1989 , 17, 364-76	2.1	48
143	Menstrual bleeding patterns among regularly menstruating women. <i>American Journal of Epidemiology</i> , 2012 , 175, 536-45	3.8	46
142	The use of chlorhexidine to reduce maternal and neonatal mortality and morbidity in low-resource settings. <i>International Journal of Gynecology and Obstetrics</i> , 2007 , 97, 89-94	4	46
141	Difference in sensitivity of rat and mouse primordial oocytes to destruction by polycyclic aromatic hydrocarbons. <i>Chemico-Biological Interactions</i> , 1979 , 28, 133-7	5	46
140	Hurricane Katrina experience and the risk of post-traumatic stress disorder and depression among pregnant women. <i>American Journal of Disaster Medicine</i> , 2010 , 5, 181-7	0.6	45
139	The influence of sporadic anovulation on hormone levels in ovulatory cycles. <i>Human Reproduction</i> , 2013 , 28, 1687-94	5.7	44
138	Pharmaco- and toxicokinetics of selected exogenous and endogenous estrogens: a review of the data and identification of knowledge gaps. <i>Critical Reviews in Toxicology</i> , 2014 , 44, 696-724	5.7	43
137	Gaps in knowledge in treating pregnant women. <i>Gender Medicine</i> , 2006 , 3, 169-82		43
136	Pharmacology and placental transport of 17-hydroxyprogesterone caproate in singleton gestation. <i>American Journal of Obstetrics and Gynecology</i> , 2012 , 207, 398.e1-8	6.4	38
135	Clinical therapeutics in pregnancy. <i>Journal of Biomedicine and Biotechnology</i> , 2011 , 2011, 783528		38
134	Propylthiouracil (PTU) Hepatotoxicity in Children and Recommendations for Discontinuation of Use. <i>International Journal of Pediatric Endocrinology (Springer)</i> , 2009 , 2009, 132041	1.5	37
133	Physiological alterations during pregnancy: impact on toxicokinetics. <i>Fundamental and Applied Toxicology</i> , 1991 , 16, 215-8		37
132	Magnetic resonance imaging in prenatal diagnosis. <i>Clinical Obstetrics and Gynecology</i> , 1988 , 31, 353-89	1.7	36
131	Association between labetalol use for hypertension in pregnancy and adverse infant outcomes. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2014 , 175, 124-8	2.4	34
130	Structural determinants associated with risk of human developmental toxicity. <i>American Journal of Obstetrics and Gynecology</i> , 1997 , 176, 799-805; discussion 805-6	6.4	34

129	Ovarian toxicity of benzo(a)pyrene and metabolites in mice. <i>Reproductive Toxicology</i> , 1989 , 3, 115-25	3.4	33
128	The biochemical and genetic characteristics of murine ovarian aryl hydrocarbon (benzo[a])pyrene hydroxylase activity and its relationship to primordial oocyte destruction by polycyclic aromatic hydrocarbons. <i>Toxicology and Applied Pharmacology</i> , 1980 , 56, 399-408	4.6	32
127	Beta-blockers increase the risk of being born small for gestational age or of being institutionalised during infancy. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2014 , 121, 1090-6	3.7	31
126	Evaluation of <i>Macaca mulatta</i> as a model for genotoxicity studies. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2009 , 673, 21-8	3	30
125	The effect of intraovarian injection of benzo(a)pyrene on primordial oocyte number and ovarian aryl hydrocarbon [benzo(a)pyrene] hydroxylase activity. <i>Toxicology and Applied Pharmacology</i> , 1984 , 76, 18-25	4.6	30
124	Murine oocyte destruction following intraovarian treatment with 3-methylcholanthrene or 7,12-dimethylbenz(a)anthracene: protection by alpha-naphthoflavone. <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 1985 , 5, 463-72		30
123	Sex differences in the clearance of CYP3A4 substrates: exploring possible reasons for the substrate dependency and lack of consensus. <i>Current Drug Metabolism</i> , 2012 , 13, 778-86	3.5	29
122	Effect of albumin on transplacental transfer and distribution of rosiglitazone and glyburide. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2008 , 21, 197-207	2	29
121	Effects of toxic substances on female reproduction. <i>Environmental Health Perspectives</i> , 1983 , 48, 43-52	8.4	29
120	Hepatobiliary disposition of 17-OHPC and taurocholate in fetal human hepatocytes: a comparison with adult human hepatocytes. <i>Drug Metabolism and Disposition</i> , 2013 , 41, 296-304	4	28
119	The effects of chronic methylphenidate administration on operant test battery performance in juvenile rhesus monkeys. <i>Neurotoxicology and Teratology</i> , 2010 , 32, 142-51	3.9	28
118	Diagnosis of a viable abdominal pregnancy by magnetic resonance imaging. <i>American Journal of Obstetrics and Gynecology</i> , 1988 , 159, 150-1	6.4	28
117	Using systematic reviews and meta-analyses to support regulatory decision making for neurotoxicants: lessons learned from a case study of PCBs. <i>Environmental Health Perspectives</i> , 2010 , 118, 727-34	8.4	27
116	Identification of enzymes involved in the metabolism of 17alpha-hydroxyprogesterone caproate: an effective agent for prevention of preterm birth. <i>Drug Metabolism and Disposition</i> , 2008 , 36, 1896-902 ⁴		27
115	Simultaneous quantitation of 17alpha-hydroxyprogesterone caproate, 17alpha-hydroxyprogesterone and progesterone in human plasma using high-performance liquid chromatography-mass spectrometry (HPLC-MS/MS). <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008 , 48, 1174-80	3.5	27
114	Pubertal delay in male nonhuman primates (<i>Macaca mulatta</i>) treated with methylphenidate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 16301-6	11.5	26
113	Transplacental transfer and metabolism of 17-alpha-hydroxyprogesterone caproate. <i>American Journal of Obstetrics and Gynecology</i> , 2008 , 199, 169.e1-5	6.4	26
112	Genetic differences in mouse ovarian metabolism of benzo [a]pyrene and oocyte toxicity. <i>Biochemical Pharmacology</i> , 1977 , 26, 909-12	6	26

111	Linking drugs to obscure illnesses: lessons from pure red cell aplasia, nephrogenic systemic fibrosis, and Reye's syndrome. a report from the Southern Network on Adverse Reactions (SONAR). <i>Journal of General Internal Medicine</i> , 2012 , 27, 1697-703	4	25
110	Degeneration of mouse oocytes in response to polycyclic aromatic hydrocarbons. <i>The Anatomical Record</i> , 1979 , 193, 863-82		25
109	Methylphenidate and amphetamine do not induce cytogenetic damage in lymphocytes of children with ADHD. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2008 , 47, 1375-83	7.2	24
108	The effect of benzo(a)pyrene on murine ovarian and corpora lutea volumes. <i>American Journal of Obstetrics and Gynecology</i> , 1992 , 166, 1535-41	6.4	23
107	Oocyte Destruction by Polycyclic Aromatic Hydrocarbons. <i>American Journal of Industrial Medicine</i> , 1983 , 4, 191-202	2.7	23
106	The Mechanisms of Action of Reproductive Toxins. <i>American Journal of Industrial Medicine</i> , 1983 , 4, 65-72.	2.7	23
105	Bone mineral density and blood metals in premenopausal women. <i>Environmental Research</i> , 2013 , 120, 76-81	7.9	22
104	Pharmacokinetics, dose-range, and mutagenicity studies of methylphenidate hydrochloride in B6C3F1 mice. <i>Environmental and Molecular Mutagenesis</i> , 2008 , 49, 585-93	3.2	22
103	Neural tube defect-specific infant mortality in the United States. <i>Teratology</i> , 2002 , 66 Suppl 1, S17-22		22
102	Cyclosporine A: Review of genotoxicity and potential for adverse human reproductive and developmental effects. <i>Mutation Research - Reviews in Genetic Toxicology</i> , 1994 , 317, 163-173		22
101	Experimental and clinical studies on the reproductive toxicology of 2,3,7,8-tetrachlorodibenzo-p-dioxin. <i>American Journal of Industrial Medicine</i> , 1987 , 11, 131-44	2.7	22
100	The application of PBPK models in estimating human brain tissue manganese concentrations. <i>NeuroToxicology</i> , 2017 , 58, 226-237	4.4	21
99	The status of pharmacometrics in pregnancy: highlights from the 3(rd) American conference on pharmacometrics. <i>British Journal of Clinical Pharmacology</i> , 2012 , 74, 932-9	3.8	21
98	The genetic toxicology of methylphenidate hydrochloride in non-human primates. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2009 , 673, 59-66	3	21
97	Metabolism of 17alpha-hydroxyprogesterone caproate by hepatic and placental microsomes of human and baboons. <i>Biochemical Pharmacology</i> , 2008 , 75, 1848-57	6	20
96	The heart of the matter on breastmilk and environmental chemicals: essential points for healthcare providers and new parents. <i>Breastfeeding Medicine</i> , 2008 , 3, 251-9	2.1	20
95	Morphometric assessment of the murine ovarian toxicity of 7,12-dimethylbenz(a)anthracene. <i>Reproductive Toxicology</i> , 1992 , 6, 137-41	3.4	20
94	The threshold dose question in teratogenesis. <i>Teratology</i> , 1988 , 38, 389-91		20

93	Resistance of the male gonad to a high galactose diet. <i>Pediatric Research</i> , 1984 , 18, 345-8	3.2	20
92	Benzo(a)pyrene inhibits ovulation in C57BL/6N mice. <i>The Anatomical Record</i> , 1985 , 212, 268-76		20
91	Structural determinants of developmental toxicity in hamsters. <i>Teratology</i> , 1999 , 60, 190-205		19
90	Differences in benzo(a)pyrene metabolic profile in rat and mouse ovary. <i>Biochemical Pharmacology</i> , 1979 , 28, 2101-4	6	19
89	Cancer cluster investigations: review of the past and proposals for the future. <i>International Journal of Environmental Research and Public Health</i> , 2014 , 11, 1479-99	4.6	18
88	Metabolism of 17alpha-hydroxyprogesterone caproate, an agent for preventing preterm birth, by fetal hepatocytes. <i>Drug Metabolism and Disposition</i> , 2010 , 38, 723-7	4	18
87	Criteria for identifying and listing substances known to cause developmental toxicity under California's Proposition 65. <i>Reproductive Toxicology</i> , 1989 , 3, 3-12	3.4	18
86	Maternal safety of the delayed-release doxylamine and pyridoxine combination for nausea and vomiting of pregnancy; a randomized placebo controlled trial. <i>BMC Pregnancy and Childbirth</i> , 2015 , 15, 59	3.2	17
85	Summary of the workshop on issues in risk assessment: quantitative methods for developmental toxicology. <i>Risk Analysis</i> , 1994 , 14, 595-604	3.9	17
84	Structural determinants of developmental toxicity. <i>Risk Analysis</i> , 1994 , 14, 649-57	3.9	17
83	Transdermal drug absorption during pregnancy. <i>Clinical Obstetrics and Gynecology</i> , 1990 , 33, 718-27	1.7	17
82	Transport and metabolism of dexamethasone in the dually perfused human placenta. <i>Reproductive Toxicology</i> , 1988 , 2, 37-43	3.4	17
81	Drugs and medicines in pregnancy: the placental disposition of opioids. <i>Current Pharmaceutical Biotechnology</i> , 2011 , 12, 797-803	2.6	17
80	Trends in using beta-blockers and methyl dopa for hypertensive disorders during pregnancy in a Canadian population. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2013 , 171, 281-5	2.4	16
79	Development of a physiologically based model to describe the pharmacokinetics of methylphenidate in juvenile and adult humans and nonhuman primates. <i>PLoS ONE</i> , 2014 , 9, e106101	3.7	16
78	Sites of female reproductive vulnerability: implications for testing and risk assessment. <i>Reproductive Toxicology</i> , 1993 , 7 Suppl 1, 53-62	3.4	15
77	Mechanisms of regulation of rat ovarian 7,12-dimethylbenz[a]anthracene hydroxylase. <i>Chemico-Biological Interactions</i> , 1987 , 63, 15-27	5	15
76	Eliciting principles of hazard identification from experts. <i>Teratology</i> , 1990 , 42, 521-33		14

75	A matrix for bridging the epidemiology and risk assessment gap. <i>Global Epidemiology</i> , 2019 , 1, 100005	2.3	13
74	A proposal to facilitate weight-of-evidence assessments: Harmonization of Neurodevelopmental Environmental Epidemiology Studies (HONEES). <i>Neurotoxicology and Teratology</i> , 2011 , 33, 354-9	3.9	13
73	Adolescents in clinical trials. <i>Clinical Pharmacology and Therapeutics</i> , 2008 , 84, 655-9	6.1	13
72	Criteria for identifying and listing substances known to cause reproductive toxicity under California Proposition 65. <i>Reproductive Toxicology</i> , 1990 , 4, 163-75	3.4	13
71	Drug development for use during pregnancy: impact of the placenta. <i>Expert Review of Obstetrics and Gynecology</i> , 2010 , 5, 437-454		12
70	Advancing the selection of neurodevelopmental measures in epidemiological studies of environmental chemical exposure and health effects. <i>International Journal of Environmental Research and Public Health</i> , 2010 , 7, 229-68	4.6	11
69	Asthma-related medication use among children in the United States. <i>Annals of Allergy, Asthma and Immunology</i> , 2008 , 100, 222-9	3.2	11
68	Magnetic resonance imaging: a noninvasive tool for fetal and placental physiology. <i>Biology of Reproduction</i> , 1988 , 38, 39-49	3.9	11
67	Trends in concomitant clopidogrel and proton pump inhibitor treatment among ACS inpatients, 2000-2016. <i>European Journal of Clinical Pharmacology</i> , 2019 , 75, 227-235	2.8	11
66	Severity scoring of manganese health effects for categorical regression. <i>NeuroToxicology</i> , 2017 , 58, 203-216	2.16	10
65	Modeling U-shaped dose-response curves for manganese using categorical regression. <i>NeuroToxicology</i> , 2017 , 58, 217-225	4.4	10
64	Impact of cocaine on human placental function using an in vitro perfusion system. <i>Journal of Pharmacological and Toxicological Methods</i> , 1995 , 33, 213-9	1.7	10
63	Methylphenidate and chromosome damage. <i>Cancer Letters</i> , 2008 , 260, 216-8	9.9	9
62	Glyburide metabolism by placentas of healthy and gestational diabetics. <i>American Journal of Perinatology</i> , 2008 , 25, 169-74	3.3	9
61	Magnetic resonance imaging of monkey placenta with manganese enhancement. <i>American Journal of Obstetrics and Gynecology</i> , 1987 , 157, 185-9	6.4	9
60	Biological Monitoring of the Human Placenta 1988 , 567-602		9
59	Critical review of the association between perineal use of talc powder and risk of ovarian cancer. <i>Reproductive Toxicology</i> , 2019 , 90, 88-101	3.4	8
58	Improving Concordance in Environmental Epidemiology: A Three-Part Proposal. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2015 , 18, 105-20	8.6	8

57	Human Placental Transport of Oxytocin. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 1996 , 5, 245-255		8
56	Human decidual cell Toll-like receptor signaling in response to endotoxin: the effect of progestins. <i>American Journal of Obstetrics and Gynecology</i> , 2008 , 198, 119.e1-4	6.4	8
55	Energy charge monitoring via magnetic resonance spectroscopy 31P in the perfused human placenta: effects of cadmium, dinitrophenol and iodoacetate. <i>Placenta</i> , 1996 , 17, 495-506	3.4	8
54	Workshop on risk assessment in reproductive and developmental toxicology: addressing the assumptions and identifying the research needs. <i>Regulatory Toxicology and Pharmacology</i> , 1989 , 10, 110-22	3.4	8
53	Female reproduction. <i>American Journal of Industrial Medicine</i> , 1983 , 4, 17-30	2.7	8
52	Gonadotropin-dependent metabolism of 7,12-dimethylbenz(a)anthracene in the ovary of rhesus monkey. <i>Biochemical Pharmacology</i> , 1989 , 38, 1869-72	6	7
51	Improving Predictive Modeling in Pediatric Drug Development: Pharmacokinetics, Pharmacodynamics, and Mechanistic Modeling. <i>Annals of the New York Academy of Sciences</i> , 2005 , 1053, 505-518	6.5	7
50	Systematic review and meta-analysis of adverse cardiovascular events associated with proton pump inhibitors used alone or in combination with antiplatelet agents. <i>Critical Reviews in Toxicology</i> , 2019 , 49, 215-261	5.7	6
49	Differential Follicle Counts as a Screen for Chemically Induced Ovarian Toxicity in Mice: Results from Continuous Breeding Bioassays. <i>Toxicological Sciences</i> , 1997 , 39, 1-10	4.4	6
48	Studying the antiemetic effect of vitamin B6 for morning sickness: pyridoxine and pyridoxal are prodrugs. <i>Journal of Clinical Pharmacology</i> , 2014 , 54, 1429-33	2.9	5
47	The genetic toxicity of methylphenidate: a review of the current literature. <i>Journal of Applied Toxicology</i> , 2012 , 32, 756-64	4.1	5
46	Evaluation of mutagenic mode of action in Big Blue mice fed methylphenidate for 24 weeks. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2009 , 680, 43-8	3	5
45	A categorical structure-activity relationship analysis of the developmental toxicity of antithyroid drugs. <i>International Journal of Pediatric Endocrinology (Springer)</i> , 2009 , 2009, 936-154	1.5	5
44	Development and validation of a high-performance liquid chromatography-mass spectrometric assay for the determination of 17alpha-hydroxyprogesterone caproate (17-OHPC) in human plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007 , 856, 141-7	3.2	5
43	EPA dioxin reassessment. <i>Science</i> , 1994 , 266, 1628-9	33.3	5
42	Continuous pO2 monitoring during dual perfusion of the term human placenta in vitro. <i>Gynecologic and Obstetric Investigation</i> , 1995 , 39, 28-33	2.5	5
41	Reproductive and Developmental Toxicity of Metals: Female Reproductive System 1983 , 41-91		5
40	A tale of two citizens: a State Attorney General and a hematologist facilitate translation of research into US Food and Drug Administration actions--a SONAR report. <i>Journal of Oncology Practice</i> , 2012 , 8, e158-67	3.1	4

39	The unnecessary epidemic of folic acid-preventable spina bifida and anencephaly. <i>Pediatrics</i> , 2001 , 108, 1048-50	7.4	4
38	Modeling adverse environmental impacts on the reproductive system. <i>Journal of Women's Health</i> , 1999 , 8, 217-26		4
37	Systemic quinolones and risk of acute liver failure III: A nested case-control study using a US electronic health records database. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2021 , 36, 2307-2314	4	4
36	Highlights from the United States Food and Drug Administration's public workshop on the development of animal models of pregnancy to address medical countermeasures in an "at-risk" population of pregnant women: Influenza as a case study. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2014 , 100, 806-10		3
35	Reproductive and developmental toxicology 1985 , 215-224		3
34	Effectiveness of doxylamine-pyridoxine for morning sickness. <i>American Journal of Obstetrics and Gynecology</i> , 2016 , 214, 664-6	6.4	3
33	Demonstration of early efficacy results of the delayed-release combination of doxylamine-pyridoxine for the treatment of nausea and vomiting of pregnancy. <i>BMC Pregnancy and Childbirth</i> , 2016 , 16, 371	3.2	2
32	Human developmental toxicity and mutagenesis. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1998 , 422, 347-50	3.3	2
31	Selected Proceedings of the NICHD/FDA newborn drug development initiative: Part II. <i>Clinical Therapeutics</i> , 2006 , 28, 1337-41	3.5	2
30	Temporal Issues in Reproductive Risk Assessment. <i>Inhalation Toxicology</i> , 1995 , 7, 837-862	2.7	2
29	A Reproductive Hazards Research Agenda for the 1990s. <i>Environmental Health Perspectives</i> , 1993 , 101, 175	8.4	2
28	Physiological Alterations during Pregnancy: Impact on Toxicokinetics. <i>Toxicological Sciences</i> , 1991 , 16, 215-218	4.4	2
27	Ovarian Toxicity: Effects on Sexual Maturation, Reproduction and Menopause 1983 , 317-342		2
26	Systemic quinolones and risk of retinal detachment I: analysis of data from the US FDA adverse event reporting system. <i>Expert Opinion on Drug Safety</i> , 2021 , 1-8	4.1	2
25	Direct oral anticoagulants and oesophageal disorders: a pharmacovigilance analysis. <i>European Journal of Clinical Pharmacology</i> , 2020 , 76, 1045-1047	2.8	1
24	Antidepressant treatment of Medicaid-insured youth with a cancer diagnosis. <i>Journal of Pharmaceutical Health Services Research</i> , 2012 , 3, 109-114	1	1
23	Using systematic reviews and meta-analyses to support regulatory decision making for neurotoxicants: lessons learned from a case study of PCBs. <i>Ciencia E Saude Coletiva</i> , 2011 , 16, 3207-20	2.2	1
22	Prenatal Programming and Toxicity II (PPTOX II): Role of Environmental Stressors in the Developmental Origins of Disease. <i>Journal of Developmental Origins of Health and Disease</i> , 2011 , 2, 2-2	2.4	1

21	Making progress for how medicines are used in children. <i>JAMA Pediatrics</i> , 2007 , 161, 916; author reply 916-7		1
20	Analgesics for the treatment of pain in children. <i>New England Journal of Medicine</i> , 2003 , 348, 959-60; author 959-60	59.2	1
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