

John M Desesso

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

96
papers

2,525
citations

28
h-index

48
g-index

102
ext. papers

2,727
ext. citations

4.3
avg, IF

5.08
L-index

#	Paper	IF	Citations
96	Systematic assessment of quaternary ammonium compounds for the potential to elicit developmental and reproductive effects. <i>Birth Defects Research</i> , 2021 , 113, 1484-1511	2.9	1
95	Teratogen update: Topical use and third-generation retinoids. <i>Birth Defects Research</i> , 2020 , 112, 1105-1114	2.9	3
94	Comments on "The teratogenic effects of sertraline in mice" (Cabrera et al., 2020 [DOI: 10.1002/bdr2.1660]). <i>Birth Defects Research</i> , 2020 , 112, 1025-1027	2.9	
93	Of embryos and tumors: Cyclopia and the relevance of mechanistic teratology. <i>Birth Defects Research</i> , 2020 , 112, 219-233	2.9	3
92	Trichloroethylene in drinking water throughout gestation did not produce congenital heart defects in Sprague Dawley rats. <i>Birth Defects Research</i> , 2019 , 111, 1217-1233	2.9	4
91	Comment on "Concentrations of vanadium in urine and seminal plasma in relation to semen quality parameters, spermatozoa DNA damage and serum hormone levels," by Wang et al. <i>Science of the Total Environment</i> , 2019 , 685, 772-774	10.2	2
90	Response to the comments of Runyan et al. on "Trichloroethylene in drinking water throughout gestation did not produce congenital heart defects in Sprague Dawley rats". <i>Birth Defects Research</i> , 2019 , 111, 1237-1239	2.9	
89	The arrogance of teratology: A brief chronology of attitudes throughout history. <i>Birth Defects Research</i> , 2019 , 111, 123-141	2.9	7
88	Periods of Susceptibility: Interspecies Comparison of Developmental Milestones During Ontogenesis of the Central Nervous System 2018 , 113-125		2
87	Bone development in laboratory mammals used in developmental toxicity studies. <i>Birth Defects Research</i> , 2018 , 110, 1157-1187	2.9	16
86	Embryotoxicity: Anatomical, Physiological, Functional 2018 , 21-33		
85	Impact of chloroform exposures on reproductive and developmental outcomes: A systematic review of the scientific literature. <i>Birth Defects Research</i> , 2018 , 110, 1267-1313	2.9	8
84	Vascular ontogeny within selected thoracoabdominal organs and the limbs. <i>Reproductive Toxicology</i> , 2017 , 70, 3-20	3.4	14
83	Future of developmental toxicity testing. <i>Current Opinion in Toxicology</i> , 2017 , 3, 1-5	4.4	11
82	Conflicting views on the potential carcinogenicity of glyphosate: how did we get here and what should we do?. <i>Journal of Public Health and Emergency</i> , 2017 , 1, 78-78	1.3	2
81	Review of TCE cardiac defects data by Makris et al. is not systematic. <i>Reproductive Toxicology</i> , 2017 , 71, 134	3.4	4
80	Comment on Sweeting and Wells (2015). <i>Reproductive Toxicology</i> , 2016 , 66, 124-125	3.4	1

79	Congenital Embryonic Arterial and Skeletal Dysgeneses. <i>Radiographics</i> , 2016 , 36, 1257	5.4	2
78	Adaptation of the ToxRTool to Assess the Reliability of Toxicology Studies Conducted with Genetically Modified Crops and Implications for Future Safety Testing. <i>Critical Reviews in Food Science and Nutrition</i> , 2016 , 56, 512-26	11.5	7
77	Comment on "Effects of in Utero Exposure to Arsenic during the Second Half of Gestation on Reproductive End Points and Metabolic Parameters in Female CD-1 Mice". <i>Environmental Health Perspectives</i> , 2016 , 124, A46	8.4	
76	Absence of developmental toxicity in a canine model after infusion of a hemoglobin-based oxygen carrier: Implications for risk assessment. <i>Reproductive Toxicology</i> , 2015 , 52, 101-7	3.4	4
75	Developmental toxicity in rats of a hemoglobin-based oxygen carrier results from impeded function of the inverted visceral yolk sac. <i>Reproductive Toxicology</i> , 2015 , 52, 108-17	3.4	6
74	In utero arsenic exposure in mice and early life susceptibility to cancer. <i>Regulatory Toxicology and Pharmacology</i> , 2015 , 73, 378-90	3.4	21
73	Atrazine and pregnancy outcomes: a systematic review of epidemiologic evidence. <i>Birth Defects Research Part B: Developmental and Reproductive Toxicology</i> , 2014 , 101, 215-36		30
72	Relationship between bent long bones, bent scapulae, and wavy ribs: malformations or variations?. <i>Birth Defects Research Part B: Developmental and Reproductive Toxicology</i> , 2014 , 101, 379-92		13
71	Developmental toxicity studies with atrazine and its major metabolites in rats and rabbits. <i>Birth Defects Research Part B: Developmental and Reproductive Toxicology</i> , 2014 , 101, 199-214		27
70	Multigeneration reproduction and male developmental toxicity studies on atrazine in rats. <i>Birth Defects Research Part B: Developmental and Reproductive Toxicology</i> , 2014 , 101, 237-53		16
69	Gestational/perinatal chlorpyrifos exposure is not associated with autistic-like behaviors in rodents. <i>Critical Reviews in Toxicology</i> , 2014 , 44, 523-34	5.7	10
68	Evaluation of developmental toxicity studies of glyphosate with attention to cardiovascular development. <i>Critical Reviews in Toxicology</i> , 2013 , 43, 79-95	5.7	19
67	Anatomical and Physiological Parameters that Influence Gastrointestinal Absorption 2012 , 1		4
66	Comment on "Glyphosate impairs male offspring reproductive development by disrupting gonadotropin expression" by Romano et al. 2012. <i>Archives of Toxicology</i> , 2012 , 86, 1791-3; author reply 1795-7	5.8	3
65	Estimation of cancer risks and benefits associated with a potential increased consumption of fruits and vegetables. <i>Food and Chemical Toxicology</i> , 2012 , 50, 4421-7	4.7	48
64	The placenta, transfer of immunoglobulins, and safety assessment of biopharmaceuticals in pregnancy. <i>Critical Reviews in Toxicology</i> , 2012 , 42, 185-210	5.7	73
63	Developmental and reproductive outcomes in humans and animals after glyphosate exposure: a critical analysis. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2012 , 15, 39-96	8.6	94
62	Comparative gestational milestones in vertebrate development 2011 , 93-138		2

61	Embryotoxicity: Anatomical, Physiological, and Functional 2010 , 11-25		
60	The potential of selected brominated flame retardants to affect neurological development. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2010 , 13, 411-48	8.6	58
59	Developmental perchlorate exposure and synaptic transmission in hippocampus. <i>Environmental Health Perspectives</i> , 2009 , 117, A236-7; author reply A237-8	8.4	
58	Analysis and integration of developmental neurotoxicity and ancillary data into risk assessment: a case study of dimethoate. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2009 , 72, 94-109	3.2	11
57	Functional Anatomy of the Brain 2009 , 1-14		
56	Contrasting the Gastrointestinal Tracts of Mammals: Factors that Influence Absorption. <i>Annual Reports in Medicinal Chemistry</i> , 2008 , 353-371	1.6	27
55	Trichloroethylene and ocular malformations: analysis of extant literature. <i>International Journal of Toxicology</i> , 2008 , 27, 81-95	2.4	1
54	Framework for use of toxicity screening tools in context-based decision-making. <i>Food and Chemical Toxicology</i> , 2007 , 45, 759-96	4.7	20
53	Trichloroethylene-contaminated drinking water and congenital heart defects: a critical analysis of the literature. <i>Reproductive Toxicology</i> , 2006 , 21, 117-47	3.4	41
52	Monomethylarsonic acid and dimethylarsinic acid: developmental toxicity studies with risk assessment. <i>Birth Defects Research Part B: Developmental and Reproductive Toxicology</i> , 2006 , 77, 53-68		16
51	Postnatal growth and morphological development of the brain: a species comparison. <i>Birth Defects Research Part B: Developmental and Reproductive Toxicology</i> , 2006 , 77, 471-84		167
50	The case for integrating low dose, beneficial responses into US EPA risk assessments. <i>Human and Experimental Toxicology</i> , 2006 , 25, 7-10	3.4	3
49	Overview: Using mode of action and life stage information to evaluate the human relevance of animal toxicity data. <i>Critical Reviews in Toxicology</i> , 2005 , 35, 664-72	5.7	142
48	Mode of action: yolk sac poisoning and impeded histiotrophic nutrition--HBOC-related congenital malformations. <i>Critical Reviews in Toxicology</i> , 2005 , 35, 739-45	5.7	23
47	Comparative Features of Vertebrate Embryology 2005 , 147-197		3
46	Hazard identification and predictability of children's health risk from animal data. <i>Environmental Health Perspectives</i> , 2004 , 112, 266-71	8.4	33
45	Mechanisms regulating toxicant disposition to the embryo during early pregnancy: an interspecies comparison. <i>Birth Defects Research Part C: Embryo Today Reviews</i> , 2004 , 72, 345-60		82
44	Analysis of the nonsteroidal anti-inflammatory drug literature for potential developmental toxicity in rats and rabbits. <i>Birth Defects Research Part B: Developmental and Reproductive Toxicology</i> , 2003 , 68, 5-26		39

43	Response to the Commentary of Wu et al.. <i>Food and Chemical Toxicology</i> , 2002 , 40, 1903-1904	4-7	1
42	Teratogen update: inorganic arsenic. <i>Teratology</i> , 2001 , 64, 170-3		37
41	Bendectin. <i>Reproductive Toxicology</i> , 2001 , 15, 733	3-4	
40	Debate-Commentary: Should Trichloroethylene Be Classified as a Human Carcinogen?. <i>Human and Ecological Risk Assessment (HERA)</i> , 2001 , 7, 651-655	4-9	3
39	Anatomical and physiological parameters affecting gastrointestinal absorption in humans and rats. <i>Food and Chemical Toxicology</i> , 2001 , 39, 209-28	4-7	37 ¹
38	Appropriate use of animal models in the assessment of risk during prenatal development: an illustration using inorganic arsenic. <i>Teratology</i> , 2000 , 62, 51-71		39
37	Hydroxylamine moiety of developmental toxicants is associated with early cell death: a structure-activity analysis. <i>Teratology</i> , 2000 , 62, 346-55		13
36	Assessment of the carcinogenicity associated with oral exposures to hydrogen peroxide. <i>Food and Chemical Toxicology</i> , 2000 , 38, 1021-41	4-7	25
35	An Assessment of the Carcinogenic Potential of Trichloroethylene in Humans. <i>Human and Ecological Risk Assessment (HERA)</i> , 2000 , 6, 575-641	4-9	15
34	Workshop to Identify Critical Windows of Exposure for Children's Health: Cardiovascular and Endocrine Work Group Summary. <i>Environmental Health Perspectives</i> , 2000 , 108, 569	8.4	6
33	Appropriate Exposure Routes and Doses in Studies Designed to Assess Developmental Toxicity: A Case Study of Inorganic Arsenic. <i>International Journal of Toxicology</i> , 1999 , 18, 361-368	2.4	10
32	Apparent lability of neural tube closure in laboratory animals and humans. <i>American Journal of Medical Genetics Part A</i> , 1999 , 87, 143-62		44
31	Inorganic Arsenic and Prenatal Development 1999 , 183-190		0
30	An assessment of the developmental toxicity of inorganic arsenic. <i>Reproductive Toxicology</i> , 1998 , 12, 385-433	3-4	14 ⁰
29	Protective effect of liposome encapsulation on paclitaxel developmental toxicity in the rat. <i>Teratology</i> , 1997 , 56, 305-10		26
28	Anatomical relationships of urinary bladders compared: their potential role in the development of bladder tumours in humans and rats. <i>Food and Chemical Toxicology</i> , 1995 , 33, 705-14	4-7	4 ¹
27	Embryotoxicity of free and liposome-encapsulated taxol in the chick. <i>Pharmacology</i> , 1995 , 51, 145-51	2.3	12
26	Practical guidance for evaluating and interpreting developmental toxicity tests. <i>Journal of Hazardous Materials</i> , 1994 , 39, 245-266	12.8	11

25	D-mannitol, a specific hydroxyl free radical scavenger, reduces the developmental toxicity of hydroxyurea in rabbits. <i>Teratology</i> , 1994 , 49, 248-59		70
24	Taxol and embryonic development in the chick. <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 1994 , 14, 23-30		8
23	Have animal data been used inappropriately to estimate risks to humans from environmental trichloroethylene?. <i>Regulatory Toxicology and Pharmacology</i> , 1993 , 18, 137-53	3.4	21
22	Methotrexate-induced developmental toxicity in rabbits is ameliorated by 1-(p-tosyl)-3,4,4-trimethylimidazolidine, a functional analog for tetrahydrofolate-mediated one-carbon transfer. <i>Teratology</i> , 1992 , 45, 271-83		27
21	Amelioration by leucovorin of methotrexate developmental toxicity in rabbits. <i>Teratology</i> , 1991 , 43, 201-15		28
20	Developmental toxicity of hydroxylamine: an example of a maternally mediated effect. <i>Toxicology and Industrial Health</i> , 1990 , 6, 109-21	1.8	11
19	Ethoxyquin and nordihydroguaiaretic acid reduce hydroxyurea developmental toxicity. <i>Reproductive Toxicology</i> , 1990 , 4, 267-75	3.4	21
18	The nature of the embryo-protective interaction of propyl gallate with hydroxyurea. <i>Reproductive Toxicology</i> , 1990 , 4, 145-52	3.4	29
17	Identification of Critical Biological Parameters Affecting Gastrointestinal Absorption 1990 ,		2
16	Lectin teratogenesis. II: Demonstration of increased binding of concanavalin A to limb buds of rabbit embryos during the teratogenically sensitive period. <i>Teratology</i> , 1989 , 39, 395-407		17
15	Maternal factors in developmental toxicity. <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 1987 , 7, 225-40		33
14	Consensus workshop on the evaluation of maternal and developmental toxicity work group I report: end points of maternal and developmental toxicity. <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 1987 , 7, 307-10		6
13	Comments on "Teratogen update:bendectin". <i>Teratology</i> , 1985 , 31, 431-2		6
12	Altered glycosaminoglycan composition of rat forelimb-buds during hydroxyurea teratogenesis: an indication of repair. <i>Teratology</i> , 1982 , 26, 71-83		10
11	Effects of hydroxyurea on hemodynamics of pregnant rabbits: a maternally mediated mechanism of embryotoxicity. <i>American Journal of Obstetrics and Gynecology</i> , 1981 , 140, 747-52	6.4	37
10	Comparative ultrastructural alterations in rabbit limb-buds after a teratogenic dose of either hydroxyurea or methotrexate. <i>Teratology</i> , 1981 , 23, 197-215		28
9	Amelioration of teratogenesis. I. Modification of hydroxyurea-induced teratogenesis by the antioxidant propyl gallate. <i>Teratology</i> , 1981 , 24, 19-35		47
8	Comparative studies on acetazolamide teratogenesis in pregnant rats, rabbits, and rhesus monkeys. <i>Teratology</i> , 1981 , 24, 37-42		23

7	Cardiovascular alterations in rabbit embryos in situ after a teratogenic dose of hydroxyurea: an in vivo microscopic study. <i>Teratology</i> , 1980 , 22, 115-24		28
6	Differential embryonic cardiovascular responses to acute maternal uterine ischemia: an in vivo microscopic study of rabbit embryos with either intact or clamped umbilical cords. <i>Teratology</i> , 1980 , 22, 335-43		31
5	Lectin teratogenesis: defects produced by concanavalin A in fetal rabbits. <i>Teratology</i> , 1979 , 19, 15-25		20
4	Cell death and free radicals: a mechanism for hydroxyurea teratogenesis. <i>Medical Hypotheses</i> , 1979 , 5, 937-51	3.8	38
3	Drug-induced limb dysplasias in fetal rabbits. <i>Teratology</i> , 1977 , 15, 199-211		52
2	Guidance for Performing Ecological Risk Assessments at Hazardous Waste Sites44-44-17		2
1	Developmental Toxicology		1