

Richard K Miller

List of Publications by Year in descending order

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65
papers

2,414
citations

212478

28
h-index

232693

48
g-index

67
all docs

67
docs citations

67
times ranked

2451
citing authors

#	ARTICLE	IF	CITATIONS
1	The Biopsychosocial Model and Perinatal Health Care: Determinants of Perinatal Care in a Community Sample. <i>Frontiers in Psychiatry</i> , 2021, 12, 746803.	1.3	4
2	The Importance of Supervising Toothbrush Usage for Young Children at Risk of Lead Toxicity. <i>Journal of Dentistry for Children</i> , 2020, 87, 175-178.	0.2	0
3	Analysis of the capacity of <i>Salmonella enterica</i> Typhimurium to infect the human Placenta. <i>Placenta</i> , 2019, 83, 43-52.	0.7	6
4	Placental concentrations of essential, toxic, and understudied metals and relationships with birth outcomes in Chattanooga, TN. <i>Environmental Research</i> , 2019, 168, 118-129.	3.7	36
5	Placental gross shape differences in a high autism risk cohort and the general population. <i>PLoS ONE</i> , 2018, 13, e0191276.	1.1	25
6	The Ribavirin Pregnancy Registry: An Interim Analysis of Potential Teratogenicity at the Mid-Point of Enrollment. <i>Drug Safety</i> , 2017, 40, 1205-1218.	1.4	52
7	<i>In utero</i> exposures to environmental organic pollutants disrupt epigenetic marks linked to fetoplacental development. <i>Environmental Epigenetics</i> , 2016, 2, dw013.	0.9	44
8	Occupational, industrial and environmental agents. , 2015, , 599-638.		4
9	Vitamins, minerals and trace elements. , 2015, , 493-510.		3
10	Should pregnant women be included in phase IV clinical drug trials?. <i>American Journal of Obstetrics and Gynecology</i> , 2015, 213, 810-815.	0.7	23
11	Morphological and Phenotypic Analyses of the Human Placenta Using Whole Mount Immunofluorescence1. <i>Biology of Reproduction</i> , 2014, 90, 110.	1.2	16
12	Placental oxidative stress and decreased global DNA methylation are corrected by copper in the Cohen diabetic rat. <i>Toxicology and Applied Pharmacology</i> , 2014, 276, 220-230.	1.3	15
13	Selected persistent organic pollutants in human placental tissue from the United States. <i>Chemosphere</i> , 2014, 106, 20-27.	4.2	42
14	Transfer of PAMAM dendrimers across human placenta: Prospects of its use as drug carrier during pregnancy. <i>Journal of Controlled Release</i> , 2011, 150, 326-338.	4.8	102
15	Receptor-mediated uptake and transport of macromolecules in the human placenta. <i>International Journal of Developmental Biology</i> , 2010, 54, 367-375.	0.3	66
16	Teratogenic mechanisms of medical drugs. <i>Human Reproduction Update</i> , 2010, 16, 378-394.	5.2	153
17	Occupational, industrial, and environmental agents. , 2007, , 561-608.		1
18	Occupational, industrial and environmental agents. , 2007, , 561-608.		0

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19	Second-Trimester Maternal Serum Placental Growth Factor and Vascular Endothelial Growth Factor for Predicting Severe, Early-Onset Preeclampsia. <i>Obstetrics and Gynecology</i> , 2003, 101, 1266-1274.	1.2	90
20	The effect of labor on maternal and fetal vitamins C and E. <i>American Journal of Obstetrics and Gynecology</i> , 2002, 187, 1179-1183.	0.7	35
21	Effect of sera from women with systemic lupus erythematosus or antiphospholipid syndrome and recurrent abortions on human placental explants in culture. <i>Teratology</i> , 2002, 66, 300-308.	1.8	32
22	Vitamins C and E: Missing links in preventing preterm premature rupture of membranes?. <i>American Journal of Obstetrics and Gynecology</i> , 2001, 185, 5-10.	0.7	108
23	Role of the placenta in fetal HIV infection. , 2000, 61, 391-394.		6
24	Anti-HIV therapy during pregnancy: Risk-benefit ratio. <i>Teratology</i> , 2000, 62, 288-290.	1.8	2
25	Pretreatment of human amnion-chorion with vitamins C and E prevents hypochlorous acid-induced damage. <i>American Journal of Obstetrics and Gynecology</i> , 2000, 183, 979-985.	0.7	63
26	In Situ PCR Detection of HIV Expression in the Human Placenta. , 2000, 137, 75-86.		2
27	Sonographic investigation of flow patterns in the perfused human placenta and their modulation by vasoactive agents with enhanced visualization by the ultrasound contrast agent albumex. , 1999, 27, 513-522.		19
28	In situ PCR discriminates between infected and uninfected human placental explants after in vitro exposure to HIV-1. <i>Placenta</i> , 1998, 19, 191-204.	0.7	3
29	HIV-1 infection of human placental villous tissue in vitro. <i>Placenta</i> , 1998, 19, 205-223.	0.7	7
30	Periconceptional vitamin a use: How much is teratogenic?. <i>Reproductive Toxicology</i> , 1998, 12, 75-88.	1.3	111
31	Transport and endogenous release of vitamin B12 in the dually perfused human placenta. <i>Journal of Pediatrics</i> , 1998, 132, S35-S42.	0.9	30
32	Free vitamin B12 and transcobalamin II-vitamin B12 complex uptake by the visceral yolk sac of the sprague-dawley rat: Effect of inhibitors. <i>Reproductive Toxicology</i> , 1997, 11, 617-626.	1.3	8
33	Pharmacokinetic and Toxicity Studies of AZT (Zidovudine) Following Perfusion of Human Term Placenta for 14 Hours. <i>Toxicology and Applied Pharmacology</i> , 1997, 143, 13-21.	1.3	29
34	Cellular adaptation to chronic cadmium exposure: Intracellular localization of metallothionein protein in human trophoblast cells (JAR). <i>Teratology</i> , 1995, 51, 266-272.	1.8	15
35	Cell-specific increases in metallothionein expression in the human placenta perfused with cadmium. <i>Reproductive Toxicology</i> , 1994, 8, 297-306.	1.3	22
36	Regulation of human extravillous trophoblast (EVT) cell differentiation and proliferation in vitro-role of epidermal growth factor (EGF). <i>Placenta</i> , 1994, 15, 427-442.	0.7	3

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37	Human trophoblast cultures: Models for implantation and peri-implantation toxicology. <i>Reproductive Toxicology</i> , 1993, 7, 75-94.	1.3	28
38	In vitro differentiation and ultrastructure of human extravillous trophoblast (EVT) cells. <i>Placenta</i> , 1993, 14, 463-475.	0.7	83
39	The Role of the Human Placenta in Embryonic Nutrition. Impact of Environmental and Social Factors. <i>Annals of the New York Academy of Sciences</i> , 1993, 678, 92-107.	1.8	27
40	Placental toxicity of cadmium and retinoids. <i>Placenta</i> , 1992, 13, 351-367.	0.7	4
41	Villous culture of first trimester human placenta-model to study extravillous trophoblast (EVT) differentiation. <i>Placenta</i> , 1992, 13, 439-461.	0.7	189
42	Pregnancy enhances cardiotoxicity of cocaine: Role of progesterone. <i>Toxicology and Applied Pharmacology</i> , 1992, 113, 30-35.	1.3	27
43	Central nervous system lesions in the wistar rat fetus following direct fetal injections of cadmium. <i>Teratology</i> , 1990, 42, 7-13.	1.8	19
44	Toxicity of cadmium in the perfused human placenta. <i>Toxicology and Applied Pharmacology</i> , 1990, 105, 156-171.	1.3	95
45	Cadmium exposure on day 12 of gestation in the Wistar rat: Distribution, uteroplacental blood flow, and fetal viability. <i>Teratology</i> , 1989, 39, 19-30.	1.8	6
46	Prenatal Cocaine Exposure to the Fetus: A Sheep Model for Cardiovascular Evaluation. <i>Annals of the New York Academy of Sciences</i> , 1989, 562, 267-279.	1.8	69
47	Teratogenicity of tellurium dioxide: Prenatal assessment. <i>Teratology</i> , 1988, 37, 307-316.	1.8	25
48	Biological Monitoring of the Human Placenta. , 1988, , 567-602.		12
49	Fetal toxicity of cadmium chloride: The pharmacokinetics in the pregnant Wistar rat. <i>Teratology</i> , 1987, 36, 163-170.	1.8	39
50	The antiestrogen LY117018 is estrogenic in the fetal rat. <i>Teratology</i> , 1986, 34, 59-63.	1.8	10
51	Operant behavior in transition reflects neonatal exposure to cadmium. <i>Teratology</i> , 1986, 34, 231-241.	1.8	54
52	Human Placenta in vitro: Characterization during 12 h of Dual Perfusion. <i>Contributions To Gynecology and Obstetrics</i> , 1985, 13, 77-84.	0.1	123
53	Reproductive and developmental toxicology. , 1985, , 215-224.		7
54	Oxygen Transfer as an Indicator of Perfusion Variability in the Isolated Human Placental Lobule. <i>Contributions To Gynecology and Obstetrics</i> , 1985, , 127-131.	0.1	30

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55	Direct fetal injections of diethylstilbestrol and 17 β -estradiol: A method for investigating their teratogenicity. <i>Teratology</i> , 1984, 29, 297-304.	1.8	34
56	Prenatal diazepam: Distribution and metabolism in perinatal rats. <i>Teratology</i> , 1983, 28, 181-188.	1.8	32
57	Prenatal diazepam exposure: Effects on auditory temporal resolution in rats. <i>Psychopharmacology</i> , 1983, 79, 332-337.	1.5	61
58	Fetal pulmonary maturity: Relationship between optical density (650 nm) to the lecithin/sphingomyelin ratio and phosphatidylglycerol in amniotic fluid. <i>International Journal of Gynecology and Obstetrics</i> , 1983, 21, 199-203.	1.0	1
59	Heavy Metal Alterations of Placental Function: A Mechanism for the Induction of Fetal Toxicity in Cadmium. , 1983, , 633-654.		14
60	Perinatal Toxicology: Its Recognition and Fundamentals. <i>American Journal of Industrial Medicine</i> , 1983, 4, 205-244.	1.0	21
61	Perinatal toxicology: Its recognition and fundamentals. <i>American Journal of Industrial Medicine</i> , 1983, 4, 205-244.	1.0	31
62	The Placenta: Relevance to Toxicology. , 1983, , 569-605.		11
63	Prenatal Metabolism: Metals and Metallothionein. , 1983, , 151-204.		4
64	Fetal toxicity of cadmium in the rat: Decreased utero-placental blood flow. <i>Toxicology and Applied Pharmacology</i> , 1981, 58, 297-306.	1.3	72
65	Fetal toxicity of cadmium in the rat: Maternal vs fetal injections. <i>Teratology</i> , 1980, 22, 1-5.	1.8	96