Cheryl Rosenfeld

List of Publications by Year
in descending order

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124 papers	5,763 citations	66343 42 h-index	82547 72 g-index
129 all docs	129 docs citations	129 times ranked	7045 citing authors

#	Article	IF	Citations
1	Sex-Specific Placental Responses in Fetal Development. Endocrinology, 2015, 156, 3422-3434.	2.8	336
2	Maternal Diet and Other Factors Affecting Offspring Sex Ratio: A Review. Biology of Reproduction, 2004, 71, 1063-1070.	2.7	252
3	Effects of the environmental estrogenic contaminants bisphenol A and 17Î±-ethinyl estradiol on sexual development and adult behaviors in aquatic wildlife species. General and Comparative Endocrinology, 2015, 214, 195-219.	1.8	230
4	Contrasting effects of different maternal diets on sexually dimorphic gene expression in the murine placenta. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 5557-5562.	7.1	222
5	Microbiome Disturbances and Autism Spectrum Disorders. Drug Metabolism and Disposition, 2015, 43, 1557-1571.	3.3	191
6	Gut Dysbiosis in Animals Due to Environmental Chemical Exposures. Frontiers in Cellular and Infection Microbiology, 2017, 7, 396.	3.9	166
7	Disruption of adult expression of sexually selected traits by developmental exposure to bisphenol A. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 11715-11720.	7.1	159
8	Intraovarian actions of oestrogen. Reproduction, 2001, 122, 215-226.	2.6	148
9	Striking variation in the sex ratio of pups born to mice according to whether maternal diet is high in fat or carbohydrate. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 4628-4632.	7.1	129
10	Effects of exposure to bisphenol A and ethinyl estradiol on the gut microbiota of parents and their offspring in a rodent model. Gut Microbes, 2016, 7, 471-485.	9.8	121
11	Current concepts in neuroendocrine disruption. General and Comparative Endocrinology, 2014, 203, 158-173.	1.8	115
12	The placentaâ€brainâ€axis. Journal of Neuroscience Research, 2021, 99, 271-283.	2.9	113
13	Barnes Maze Testing Strategies with Small and Large Rodent Models. Journal of Visualized Experiments, 2014, , e51194.	0.3	112
14	Sexâ€dependent differences in voluntary physical activity. Journal of Neuroscience Research, 2017, 95, 279-290.	2.9	112
15	Sex and dose-dependent effects of developmental exposure to bisphenol A on anxiety and spatial learning in deer mice (Peromyscus maniculatus bairdii) offspring. Hormones and Behavior, 2013, 63, 180-189.	2.1	109
16	Animal Models to Study Environmental Epigenetics1. Biology of Reproduction, 2010, 82, 473-488.	2.7	102
17	Bisphenol A and bisphenol S disruptions of the mouse placenta and potential effects on the placentaâ€“brain axis. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 4642-4652.	7.1	92
18	Gut Dysbiosis and Neurobehavioral Alterations in Rats Exposed to Silver Nanoparticles. Scientific Reports, 2017, 7, 2822.	3.3	91

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19	Bisphenol A and phthalate endocrine disruption of parental and social behaviors. Frontiers in Neuroscience, 2015, 9, 57.	2.8	87
20	Cloning, Sequencing, and Localization of Bovine Estrogen Receptor-Î² within the Ovarian Follicle1. Biology of Reproduction, 1999, 60, 691-697.	2.7	85
21	Neuroendocrine disruption in animal models due to exposure to bisphenol A analogues. Frontiers in Neuroendocrinology, 2017, 47, 123-133.	5.2	85
22	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
23	Expression of Interferon Receptor Subunits, IFNAR1 and IFNAR2, in the Ovine Uterus1. Biology of Reproduction, 2002, 67, 847-853.	2.7	81
24	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
25	Effects of Developmental Bisphenol A Exposure on Reproductive-Related Behaviors in California Mice (Peromyscus californicus): A Monogamous Animal Model. PLoS ONE, 2013, 8, e55698.	2.5	72
26	Effects of developmental exposure to bisphenol A on spatial navigational learning and memory in rats: A CLARITY-BPA study. Hormones and Behavior, 2016, 80, 139-148.	2.1	71
27	Effect of maternal obesity on estrous cyclicity, embryo development and blastocyst gene expression in a mouse model. Human Reproduction, 2012, 27, 3513-3522.	0.9	67
28	Effects of Diets Enriched in Omega-3 and Omega-6 Polyunsaturated Fatty Acids on Offspring Sex-Ratio and Maternal Behavior in Mice1. Biology of Reproduction, 2008, 78, 211-217.	2.7	66
29	Placental serotonin signaling, pregnancy outcomes, and regulation of fetal brain developmentâ€. Biology of Reproduction, 2020, 102, 532-538.	2.7	66
30	Maternal methyl supplemented diets and effects on offspring health. Frontiers in Genetics, 2014, 5, 289.	2.3	63
31	Effect of Interferon-Ï„ Administration on Endometrium of Nonpregnant Ewes: A Comparison with Pregnant Ewes. Endocrinology, 2006, 147, 2127-2137.	2.8	60
32	Discovery of a Novel Seminal Fluid Microbiome and Influence of Estrogen Receptor Alpha Genetic Status. Scientific Reports, 2016, 6, 23027.	3.3	59
33	Maternal exposure to bisphenol A and genistein has minimal effect on A ^{vy} /a offspring coat color but favors birth of agouti over nonagouti mice. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 537-542.	7.1	58
34	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
35	Effect of glucose concentration during in vitro culture of mouse embryos on development to blastocyst, success of embryo transfer, and litter sex ratio. Molecular Reproduction and Development, 2012, 79, 329-336.	2.0	48
36	Neuroendocrine disruption of organizational and activational hormone programming in poikilothermic vertebrates. Journal of Toxicology and Environmental Health - Part B: Critical Reviews, 2017, 20, 276-304.	6.5	47

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37	Effects of a maternal high-fat diet on offspring behavioral and metabolic parameters in a rodent model. Journal of Developmental Origins of Health and Disease, 2017, 8, 75-88.	1.4	46
38	Gene expression and DNA methylation changes in the hypothalamus and hippocampus of adult rats developmentally exposed to bisphenol A or ethinyl estradiol: a CLARITY-BPA consortium study. Epigenetics, 2018, 13, 704-720.	2.7	46
39	Spatial navigation strategies in Peromyscus: a comparative study. Animal Behaviour, 2012, 84, 1141-1149.	1.9	45
40	Sex-dependent effects of developmental exposure to bisphenol A and ethinyl estradiol on metabolic parameters and voluntary physical activity. Journal of Developmental Origins of Health and Disease, 2015, 6, 539-552.	1.4	45
41	Endocrine disruption through membrane estrogen receptors and novel pathways leading to rapid toxicological and epigenetic effects. Journal of Steroid Biochemistry and Molecular Biology, 2019, 187, 106-117.	2.5	45
42	Disruption of Parenting Behaviors in California Mice, a Monogamous Rodent Species, by Endocrine Disrupting Chemicals. PLoS ONE, 2015, 10, e0126284.	2.5	44
43	Bisphenol A (BPA) in the serum of pet dogs following short-term consumption of canned dog food and potential health consequences of exposure to BPA. Science of the Total Environment, 2017, 579, 1804-1814.	8.0	43
44	Data integration, analysis, and interpretation of eight academic CLARITY-BPA studies. Reproductive Toxicology, 2020, 98, 29-60.	2.9	42
45	Cognitive Effects of Aromatase and Possible Role in Memory Disorders. Frontiers in Endocrinology, 2018, 9, 610.	3.5	41
46	Effects of Maternal Diet and Exposure to Bisphenol A on Sexually Dimorphic Responses in Conceptuses and Offspring. Reproduction in Domestic Animals, 2012, 47, 23-30.	1.4	40
47	Sexually Dimorphic Effects of Aromatase on Neurobehavioral Responses. Frontiers in Molecular Neuroscience, 2018, 11, 374.	2.9	40
48	Centrosome-centriole abnormalities are markers for abnormal cell divisions and cancer in the transgenic adenocarcinoma mouse prostate (TRAMP) model. Biology of the Cell, 2000, 92, 331-340.	2.0	39
49	Consumption of a high-fat diet alters the seminal fluid and gut microbiomes in male mice. Reproduction, Fertility and Development, 2017, 29, 1602.	0.4	38
50	Maternal diet composition alters serum steroid and free fatty acid concentrations and vaginal pH in mice. Journal of Endocrinology, 2007, 192, 75-81.	2.6	36
51	Interactions between Parents and Parents and Pups in the Monogamous California Mouse (Peromyscus) Tj ETQq1 1 0.784314 rgBT /O	2.5	34
52	Gonadotropin Induction of Ovulation and Corpus Luteum Formation in Young Estrogen Receptor-Î± Knockout Mice1. Biology of Reproduction, 2000, 62, 599-605.	2.7	32
53	Estrogen receptor- and aromatase-deficient mice provide insight into the roles of estrogen within the ovary and uterus. Molecular Reproduction and Development, 2001, 59, 336-346.	2.0	32
54	The effects of the selective estrogen receptor modulators, methyl-piperidino-pyrazole (MPP), and raloxifene in normal and cancerous endometrial cell lines and in the murine uterus. Molecular Reproduction and Development, 2006, 73, 1034-1044.	2.0	31

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55	The Contrasting Effects of Ad Libitum and Restricted Feeding of a Diet Very High in Saturated Fats on Sex Ratio and Metabolic Hormones in Mice1. Biology of Reproduction, 2007, 77, 599-604.	2.7	31
56	An Aspartic Proteinase Expressed in the Yolk Sac and Neonatal Stomach of the Mouse1. Biology of Reproduction, 2001, 65, 1092-1101.	2.7	30
57	Maternal vitamin D deficiency during pregnancy affects expression of adipogenic-regulating genes peroxisome proliferator-activated receptor gamma (PPARÎ³) and vitamin D receptor (VDR) in lean male mice offspring. European Journal of Nutrition, 2018, 57, 723-730.	3.9	30
58	Effects of Phytoestrogens on the Developing Brain, Gut Microbiota, and Risk for Neurobehavioral Disorders. Frontiers in Nutrition, 2019, 6, 142.	3.7	29
59	Maternal vitamin D deficiency and developmental origins of health and disease (DOHaD). Journal of Endocrinology, 2019, 241, R65-R80.	2.6	28
60	Sexually Selected Traits: A Fundamental Framework for Studies on Behavioral Epigenetics. ILAR Journal, 2012, 53, 253-269.	1.8	27
61	Periconceptional influences on offspring sex ratio and placental responses. Reproduction, Fertility and Development, 2012, 24, 45.	0.4	27
62	Evolution of monogamy, paternal investment, and female life history in Peromyscus.. Journal of Comparative Psychology (Washington, D C: 1983), 2013, 127, 91-102.	0.5	27
63	Hypothalamic transcriptomic alterations in male and female California mice (Peromyscus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 2017, 5, e13133.	1.7	27
64	Environmental Health Factors and Sexually Dimorphic Differences in Behavioral Disruptions. Current Environmental Health Reports, 2014, 1, 287-301.	6.7	26
65	Brain Sexual Differentiation and Requirement of SRY: Why or Why Not?. Frontiers in Neuroscience, 2017, 11, 632.	2.8	25
66	Hypothalamic transcriptome of tame and aggressive silver foxes (<scp>Vulpes vulpes</scp>) identifies gene expression differences shared across brain regions. Genes, Brain and Behavior, 2020, 19, e12614.	2.2	24
67	Developmental exposure of California mice to endocrine disrupting chemicals and potential effects on the microbiome-gut-brain axis at adulthood. Scientific Reports, 2020, 10, 10902.	3.3	23
68	Comparative effects of estradiol, methyl-piperidino-pyrazole, raloxifene, and ICI 182 780 on gene expression in the murine uterus. Journal of Molecular Endocrinology, 2008, 41, 205-217.	2.5	22
69	Exposure to extrinsic stressors, social defeat or bisphenol A, eliminates sex differences in <scp>DNA</scp> methyltransferase expression in the amygdala. Journal of Neuroendocrinology, 2017, 29, .	2.6	22
70	Developmental exposure to silver nanoparticles leads to long term gut dysbiosis and neurobehavioral alterations. Scientific Reports, 2021, 11, 6558.	3.3	22
71	Early genistein exposure of California mice and effects on the gut microbiotaâ€“brain axis. Journal of Endocrinology, 2019, 242, 139-157.	2.6	21
72	In utero vitamin D deficiency predisposes offspring to long-term adverse adipose tissue effects. Journal of Endocrinology, 2017, 234, 301-313.	2.6	20

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73	Homage to the â€˜Hâ€™ in developmental origins of health and disease. Journal of Developmental Origins of Health and Disease, 2017, 8, 8-29.	1.4	20
74	Soy-Induced Fecal Metabolome Changes in Ovariectomized and Intact Female Rats: Relationship with Cardiometabolic Health. Scientific Reports, 2018, 8, 16896.	3.3	19
75	Transcriptomic alterations in the brain of painted turtles (Chrysemys picta) developmentally exposed to bisphenol A or ethinyl estradiol. Physiological Genomics, 2017, 49, 201-215.	2.3	18
76	Endocrine disruption of gene expression and microRNA profiles in hippocampus and hypothalamus of California mice: Association of gene expression changes with behavioural outcomes. Journal of Neuroendocrinology, 2020, 32, e12847.	2.6	18
77	Transcriptomics and Other Omics Approaches to Investigate Effects of Xenobiotics on the Placenta. Frontiers in Cell and Developmental Biology, 2021, 9, 723656.	3.7	18
78	Characterization of vocalizations emitted in isolation by California mouse (Peromyscus californicus) pups throughout the postnatal period.. Journal of Comparative Psychology (Washington, D C: 1983), 2017, 131, 30-39.	0.5	18
79	Fluorescent in situ hybridization for sex chromosome determination before and after fertilization in mice. Theriogenology, 2007, 67, 1022-1031.	2.1	17
80	Disruption of global hypothalamic microRNA (miR) profiles and associated behavioral changes in California mice (Peromyscus californicus) developmentally exposed to endocrine disrupting chemicals. Hormones and Behavior, 2021, 128, 104890.	2.1	17
81	Maternal oxycodone treatment causes pathophysiological changes in the mouse placenta. Placenta, 2020, 100, 96-110.	1.5	16
82	Effects of developmental exposure to bisphenol A and ethinyl estradiol on spatial navigational learning and memory in painted turtles (Chrysemys picta). Hormones and Behavior, 2016, 85, 48-55.	2.1	14
83	Multigenerational effects of bisphenol A or ethinyl estradiol exposure on F2 California mice (Peromyscus californicus) pup vocalizations. PLoS ONE, 2018, 13, e0199107.	2.5	14
84	Maternal Oxycodone Treatment Results in Neurobehavioral Disruptions in Mice Offspring. ENeuro, 2021, 8, ENEURO.0150-21.2021.	1.9	14
85	The impact of bisphenol A on the placenta. Biology of Reproduction, 2022, 106, 826-834.	2.7	12
86	Intracranial Squamous Cell Carcinoma Causing Horner's Syndrome in a Cow. Journal of Veterinary Diagnostic Investigation, 1997, 9, 106-108.	1.1	11
87	Seminal fluid metabolome and epididymal changes after antibiotic treatment in mice. Reproduction, 2018, 156, 1-10.	2.6	11
88	Hypothalamic gene expression changes in F1 California mice (Peromyscus californicus) parents developmentally exposed to bisphenol A or ethinyl estradiol. Heliyon, 2018, 4, e00672.	3.2	11
89	Mice lacking membrane estrogen receptor 1 are protected from reproductive pathologies resulting from developmental estrogen exposureâ€. Biology of Reproduction, 2019, 101, 392-404.	2.7	11
90	Opposing effects of S-equol supplementation on metabolic and behavioral parameters in mice fed a high-fat diet. Nutrition Research, 2019, 64, 39-48.	2.9	10

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91	Spatial transcriptomics analysis of uterine gene expression in enhancer of zeste homolog 2 conditional knockout miceâ€. Biology of Reproduction, 2021, 105, 1126-1139.	2.7	10
92	The Differential Fate of Mesonephric Tubular-Derived Efferent Ductules in Estrogen Receptor-Î± Knockout Versus Wild-Type Female Mice*. Endocrinology, 2000, 141, 3792-3798.	2.8	9
93	Effects of post-weaning diet on metabolic parameters and DNA methylation status of the cryptic promoter in the Avy allele of viable yellow mice. Journal of Nutritional Biochemistry, 2015, 26, 667-674.	4.2	9
94	Mice lacking uterine enhancer of zeste homolog 2 have transcriptomic changes associated with uterine epithelial proliferation. Physiological Genomics, 2020, 52, 81-95.	2.3	9
95	Time Course of Vitamin D Depletion and Repletion in Reproductive-age Female C57BL/6 Mice. Comparative Medicine, 2017, 67, 483-490.	1.0	9
96	Changes in nucleus accumbens gene expression accompany sex-specific suppression of spontaneous physical activity in aromatase knockout mice. Hormones and Behavior, 2020, 121, 104719.	2.1	8
97	Placental Changes in the serotonin transporter (Slc6a4) knockout mouse suggest a role for serotonin in controlling nutrient acquisition. Placenta, 2021, 115, 158-168.	1.5	8
98	Impact of bisphenol-A and synthetic estradiol on brain, behavior, gonads and sex hormones in a sexually labile coral reef fish. Hormones and Behavior, 2021, 136, 105043.	2.1	8
99	The placenta as a target of opioid drugs. Biology of Reproduction, 2022, 106, 676-686.	2.7	8
100	miRNA changes in the mouse placenta due to bisphenol A exposure. Epigenomics, 2021, 13, 1909-1919.	2.1	8
101	Expression of the bovine oestrogen receptor-Î² (bERÎ²) messenger ribonucleic acid (mRNA) during the first ovarian follicular wave and lack of change in the expression of bERÎ² mRNA of second wave follicles after LH infusion into cows. Animal Reproduction Science, 2001, 67, 159-169.	1.5	7
102	Male reproductive tract cilia beat to a different drummer. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 3361-3363.	7.1	7
103	The Roles of the Histone Protein Modifier EZH2 in the Uterus and Placenta. Epigenomes, 2020, 4, 20.	1.8	6
104	Xenoestrogen effects on the gut microbiome. Current Opinion in Endocrine and Metabolic Research, 2021, 19, 41-45.	1.4	6
105	Long-Term Effects of Developmental Exposure to Oxycodone on Gut Microbiota and Relationship to Adult Behaviors and Metabolism. MSystems, 2022, 7, .	3.8	6
106	Usage of Xâ€•and Yâ€¢chromosome fluorescent in situ hybridization to determine whether the murine oocytes selectively attract one class of spermatozoa over another. Molecular Reproduction and Development, 2009, 76, 320-320.	2.0	4
107	Sexual dimorphism in brain transcriptomes of Amami spiny rats (Tokudaia osimensis): a rodent species where males lack the Y chromosome. BMC Genomics, 2019, 20, 87.	2.8	4
108	Gestational and lactational exposure to BPA or BPS has minimal effects on skeletal outcomes in adult female mice. Bone Reports, 2021, 15, 101136.	0.4	4

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109	The Differential Fate of Mesonephric Tubular-Derived Efferent Ductules in Estrogen Receptor-Â Knockout Versus Wild-Type Female Mice. Endocrinology, 2000, 141, 3792-3798.	2.8	4
110	Animal Models of Transgenerational Epigenetic Effects. , 2014, , 123-145.		3
111	Nontargeted fecal metabolomics: an emerging tool to probe the role of the gut microbiome in host health. Bioanalysis, 2020, 12, 351-353.	1.5	3
112	Karyotype analysis and sex determination in Australian Brush-turkeys (Alectura lathami). PLoS ONE, 2017, 12, e0185014.	2.5	2
113	Gestational and lactational exposure to BPA, but not BPS, negatively impacts trabecular microarchitecture and cortical geometry in adult male offspring. Bone Reports, 2021, 15, 101147.	0.4	2
114	Perinatal Neurohormonal Programming and Endocrine Disruption. , 2016, , 63-87.		1
115	Nutrition and Epigenetics: Evidence for Multi- and Transgenerational Effects. , 2016, , 133-157.		0
116	Maternal Methyl Supplemented Diets and Epimutations in Offspring. , 2019, , 1231-1261.		0
117	Measures to curb endocrine-disrupting chemicals in the United States. , 2021, , 347-353.		0
118	Endocrine disruptors and potential effects on communication in rodents and other species. , 2021, , 337-346.		0
119	Final thoughts on understanding animal vocalizations in the 21st century. , 2021, , 391-393.		0
120	265 DIFFERENTIATING X- AND Y-BEARING SPERMATOZOA ASSOCIATED WITH THE ZONA PELLUCIDA AT THE TIME OF FERTILIZATION. Reproduction, Fertility and Development, 2008, 20, 212.	0.4	0
121	Maternal Methyl Supplemented Diets and Epimutations in Offspring. , 2017, , 1-31.		0
122	Mice lacking membraneâ€localized estrogen receptor 1 (mESR1) are partially protected from reproductive pathologies resulting from developmental diethylstilbestrol (DES) exposure. FASEB Journal, 2019, 33, lb24.	0.5	0
123	Hypothalamic Transcriptome Differences in Tame Versus Aggressive Silver Foxes (Vulpes vulpes). FASEB Journal, 2019, 33, 611.2.	0.5	0
124	IMPACT OF MATERNAL EXERCISE ON CORTICAL GEOMETRY AND TRABECULAR MICROARCHITECTURE IN MOUSE OFFSPRING. Medicine and Science in Sports and Exercise, 2020, 52, 491-491.	0.4	0