

Melissa Hines

List of Publications by Year in descending order

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Version: 2024-02-01

96
papers

9,790
citations

34016

52
h-index

39575

94
g-index

101
all docs

101
docs citations

101
times ranked

5209
citing authors

#	ARTICLE	IF	CITATIONS
1	Human behavioral sex differences: A role for gonadal hormones during early development?. Psychological Bulletin, 1995, 118, 55-107.	5.5	757
2	Early Androgens Are Related to Childhood Sex-Typed Toy Preferences. Psychological Science, 1992, 3, 203-206.	1.8	448
3	Masculinized Finger Length Patterns in Human Males and Females with Congenital Adrenal Hyperplasia. Hormones and Behavior, 2002, 42, 380-386.	1.0	424
4	Androgen and psychosexual development: Core gender identity, sexual orientation, and recalled childhood gender role behavior in women and men with congenital adrenal hyperplasia (CAH). Journal of Sex Research, 2004, 41, 75-81.	1.6	346
5	Sex differences in subregions of the medial nucleus of the amygdala and the bed nucleus of the stria terminalis of the rat. Brain Research, 1992, 579, 321-326.	1.1	330
6	Sex-related variation in human behavior and the brain. Trends in Cognitive Sciences, 2010, 14, 448-456.	4.0	309
7	Gender Development and the Human Brain. Annual Review of Neuroscience, 2011, 34, 69-88.	5.0	281
8	Fetal Testosterone Predicts Sexually Differentiated Childhood Behavior in Girls and in Boys. Psychological Science, 2009, 20, 144-148.	1.8	272
9	Psychological outcomes and gender-related development in complete androgen insensitivity syndrome. Archives of Sexual Behavior, 2003, 32, 93-101.	1.2	266
10	Sex differences in response to children's toys in nonhuman primates (Cercopithecus aethiops) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382	1.4	246
11	Prenatal gonadal hormones and sex differences in human behavior.. Psychological Bulletin, 1982, 92, 56-80.	5.5	234
12	Cognition and the corpus callosum: Verbal fluency, visuospatial ability, and language lateralization related to midsagittal surface areas of callosal subregions.. Behavioral Neuroscience, 1992, 106, 3-14.	0.6	231
13	Prenatal Hormones and Postnatal Socialization by Parents as Determinants of Male-Typical Toy Play in Girls With Congenital Adrenal Hyperplasia. Child Development, 2005, 76, 264-278.	1.7	213
14	Prenatal exposure to diethylstilbestrol (DES) and the development of sexually dimorphic cognitive abilities and cerebral lateralization.. Developmental Psychology, 1984, 20, 81-94.	1.2	190
15	Prenatal endocrine influences on sexual orientation and on sexually differentiated childhood behavior. Frontiers in Neuroendocrinology, 2011, 32, 170-182.	2.5	186
16	Testosterone during Pregnancy and Gender Role Behavior of Preschool Children: A Longitudinal, Population Study. Child Development, 2002, 73, 1678-1687.	1.7	181
17	Early androgen exposure and human gender development. Biology of Sex Differences, 2015, 6, 3.	1.8	178
18	Androgens and autistic traits: A study of individuals with congenital adrenal hyperplasia. Hormones and Behavior, 2006, 50, 148-153.	1.0	170

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19	Increased aggression and activity level in 3- to 11-year-old girls with congenital adrenal hyperplasia (CAH). <i>Hormones and Behavior</i> , 2007, 52, 368-374.	1.0	170
20	Androgen and the Development of Human Sex-typical Behavior: Rough-and-Tumble Play and Sex of Preferred Playmates in Children with Congenital Adrenal Hyperplasia (CAH). <i>Child Development</i> , 1994, 65, 1042-1053.	1.7	161
21	Differentiation of the sexually dimorphic nucleus in the preoptic area of the rat brain is determined by the perinatal hormone environment. <i>Neuroscience Letters</i> , 1982, 33, 295-298.	1.0	155
22	Infants' Preferences for Toys, Colors, and Shapes: Sex Differences and Similarities. <i>Archives of Sexual Behavior</i> , 2010, 39, 1261-1273.	1.2	150
23	Prenatal testosterone and gender-related behaviour. <i>European Journal of Endocrinology</i> , 2006, 155, S115-S121.	1.9	148
24	Androgen Behavior Correlations in Hypogonadal Men and Eugonadal Men. <i>Hormones and Behavior</i> , 1998, 33, 85-94.	1.0	147
25	Androgen and the Development of Human Sex-Typical Behavior: Rough-and-Tumble Play and Sex of Preferred Playmates in Children with Congenital Adrenal Hyperplasia (CAH). <i>Child Development</i> , 1994, 65, 1042.	1.7	146
26	Childhood gender-typed behavior and adolescent sexual orientation: A longitudinal population-based study.. <i>Developmental Psychology</i> , 2017, 53, 764-777.	1.2	137
27	Estrogen treatment effects on cognition, memory and mood in male-to-female transsexuals. <i>Hormones and Behavior</i> , 2006, 50, 708-717.	1.0	134
28	Testosterone measured in infancy predicts subsequent sex-typed behavior in boys and in girls. <i>Hormones and Behavior</i> , 2012, 61, 611-616.	1.0	131
29	Comparable fMRI activity with differential behavioural performance on mental rotation and overt verbal fluency tasks in healthy men and women. <i>Experimental Brain Research</i> , 2006, 169, 1-14.	0.7	120
30	Prenatal androgen exposure alters girls' responses to information indicating gender-appropriate behaviour. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150125.	1.8	120
31	Sex Differences and Individual Differences in Cognitive Performance and Their Relationship to Endogenous Gonadal Hormones and Gonadotropins.. <i>Behavioral Neuroscience</i> , 2005, 119, 104-117.	0.6	112
32	Developmental Trajectories of Sex-typed Behavior in Boys and Girls: A Longitudinal General Population Study of Children Aged 2.5-8 Years. <i>Child Development</i> , 2008, 79, 1583-1593.	1.7	107
33	Personality and congenital adrenal hyperplasia: Possible effects of prenatal androgen exposure. <i>Hormones and Behavior</i> , 2009, 55, 285-291.	1.0	102
34	Increased Cross-Gender Identification Independent of Gender Role Behavior in Girls with Congenital Adrenal Hyperplasia: Results from a Standardized Assessment of 4- to 11-Year-Old Children. <i>Archives of Sexual Behavior</i> , 2015, 44, 1363-1375.	1.2	102
35	Pre- and Postnatal Influence of an Estrogen Antagonist and an Androgen Antagonist on Differentiation of the Sexually Dimorphic Nucleus of the Preoptic Area in Male and Female Rats. <i>Neuroendocrinology</i> , 1986, 42, 443-448.	1.2	97
36	THE ULTIMATE CHALLENGE OF CLOACAL EXSTROPHY. <i>Journal of Urology</i> , 2002, 167, 300-304.	0.2	90

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37	Interpreting digit ratio (2D:4D)â€™behavior correlations: 2D:4D sex difference, stability, and behavioral correlates and their replicability in young children. <i>Hormones and Behavior</i> , 2016, 78, 86-94.	1.0	89
38	Estrogen and Memory in a Transsexual Population. <i>Hormones and Behavior</i> , 1998, 34, 199-208.	1.0	85
39	Language lateralization and handedness in women prenatally exposed to diethylstilbestrol (DES). <i>Psychoneuroendocrinology</i> , 2000, 25, 497-512.	1.3	74
40	Genetic and Environmental Influences on Sex-Typed Behavior During the Preschool Years. <i>Child Development</i> , 2005, 76, 826-840.	1.7	74
41	Prenatal hormones and childhood sex segregation: Playmate and play style preferences in girls with congenital adrenal hyperplasia. <i>Hormones and Behavior</i> , 2011, 59, 549-555.	1.0	74
42	No relationship between prenatal androgen exposure and autistic traits: convergent evidence from studies of children with congenital adrenal hyperplasia and of amniotic testosterone concentrations in typically developing children. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2016, 57, 1455-1462.	3.1	73
43	The Role of Brothers and Sisters in the Gender Development of Preschool Children. <i>Journal of Experimental Child Psychology</i> , 2000, 77, 292-303.	0.7	72
44	Androgenâ€™Behavior Correlations in Hypogonadal Men and Eugonadal Men. <i>Hormones and Behavior</i> , 1997, 31, 110-119.	1.0	69
45	Sex Steroids and Human Behavior: Prenatal Androgen Exposure and Sex-Typical Play Behavior in Children. <i>Annals of the New York Academy of Sciences</i> , 2003, 1007, 272-282.	1.8	68
46	Gender Labels and Play Styles: Their Relative Contribution to Children's Selection of Playmates. <i>Child Development</i> , 1994, 65, 869-879.	1.7	63
47	Postnatal penile growth concurrent with mini-puberty predicts later sex-typed play behavior: Evidence for neurobehavioral effects of the postnatal androgen surge in typically developing boys. <i>Hormones and Behavior</i> , 2015, 69, 98-105.	1.0	63
48	How Large Are Gender Differences in Toy Preferences? A Systematic Review and Meta-Analysis of Toy Preference Research. <i>Archives of Sexual Behavior</i> , 2020, 49, 373-394.	1.2	61
49	Effect of androgens on the brain and other organs during development and aging. <i>Psychoneuroendocrinology</i> , 1992, 17, 375-383.	1.3	59
50	Early androgen influences on human neural and behavioural development. <i>Early Human Development</i> , 2008, 84, 805-807.	0.8	59
51	Early contributions to infantsâ€™ mental rotation abilities. <i>Developmental Science</i> , 2018, 21, e12613.	1.3	58
52	The early postnatal period, mini-puberty, provides a window on the role of testosterone in human neurobehavioural development. <i>Current Opinion in Neurobiology</i> , 2016, 38, 69-73.	2.0	57
53	Prenatal Stress and Gender Role Behavior in Girls and Boys: A Longitudinal, Population Study. <i>Hormones and Behavior</i> , 2002, 42, 126-134.	1.0	56
54	Gender Labels and Play Styles: Their Relative Contribution to Children's Selection of Playmates. <i>Child Development</i> , 1994, 65, 869.	1.7	53

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55	Neuroscience and Sex/Gender: Looking Back and Forward. <i>Journal of Neuroscience</i> , 2020, 40, 37-43.	1.7	53
56	Androgenic influences on neural asymmetry: Handedness and language lateralization in individuals with congenital adrenal hyperplasia. <i>Psychoneuroendocrinology</i> , 2004, 29, 810-822.	1.3	50
57	Working memory performance is reduced in children with congenital adrenal hyperplasia. <i>Hormones and Behavior</i> , 2015, 67, 83-88.	1.0	49
58	Preferences for Pink and Blue: The Development of Color Preferences as a Distinct Gender-Typed Behavior in Toddlers. <i>Archives of Sexual Behavior</i> , 2015, 44, 1243-1254.	1.2	48
59	Cognitive and Behavioral Characteristics of Turner Syndrome: Exploring a Role for Ovarian Hormones in Female Sexual Differentiation. <i>Hormones and Behavior</i> , 2002, 41, 139-155.	1.0	45
60	Are There Parental Socialization Effects on the Sex-Typed Behavior of Individuals with Congenital Adrenal Hyperplasia?. <i>Archives of Sexual Behavior</i> , 2013, 42, 381-391.	1.2	44
61	Early postnatal testosterone predicts sex-related differences in early expressive vocabulary. <i>Psychoneuroendocrinology</i> , 2016, 68, 111-116.	1.3	41
62	Gender Assignment, Reassignment and Outcome in Disorders of Sex Development: Update of the 2005 Consensus Conference. <i>Hormone Research in Paediatrics</i> , 2016, 85, 112-118.	0.8	39
63	Effects of Gender Color-Coding on Toddlers'™ Gender-Typical Toy Play. <i>Archives of Sexual Behavior</i> , 2015, 44, 1233-1242.	1.2	36
64	Continuity in Sex-Typed Behavior from Preschool to Adolescence: A Longitudinal Population Study of Boys and Girls Aged 3-13 Years. <i>Archives of Sexual Behavior</i> , 2012, 41, 591-597.	1.2	35
65	Reduced short term memory in congenital adrenal hyperplasia (CAH) and its relationship to spatial and quantitative performance. <i>Psychoneuroendocrinology</i> , 2016, 64, 164-173.	1.3	34
66	Estrogens before birth and development of sex-related reproductive traits in the female guinea pig. <i>Hormones and Behavior</i> , 1985, 19, 331-347.	1.0	33
67	No relationship between early postnatal testosterone concentrations and autistic traits in 18 to 30-month-old children. <i>Molecular Autism</i> , 2016, 7, 15.	2.6	32
68	Prenatal androgen exposure and children's aggressive behavior and activity level. <i>Hormones and Behavior</i> , 2017, 96, 156-165.	1.0	28
69	Sexual Differentiation of Human Brain and Behavior. , 2002, , 425-462.		27
70	Motor development in individuals with congenital adrenal hyperplasia: Strength, targeting, and fine motor skill. <i>Psychoneuroendocrinology</i> , 2009, 34, 249-258.	1.3	27
71	Psychosexual development in individuals who have female pseudohermaphroditism. <i>Child and Adolescent Psychiatric Clinics of North America</i> , 2004, 13, 641-656.	1.0	26
72	Startle response during smoking and 24 h after withdrawal predicts successful smoking cessation. <i>Psychopharmacology</i> , 2001, 156, 360-367.	1.5	25

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73	Sexual Differentiation of Cognitive Abilities in Women Exposed to Diethylstilbestrol (DES) Prenatally. <i>Hormones and Behavior</i> , 1996, 30, 354-363.	1.0	23
74	Abnormal sexual development and psychosexual issues. <i>Bailliere's Clinical Endocrinology and Metabolism</i> , 1998, 12, 173-189.	1.0	23
75	Human gender development. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 118, 89-96.	2.9	23
76	The relationship between prepulse detection and prepulse inhibition of the acoustic startle reflex. <i>Psychophysiology</i> , 2001, 38, 377-382.	1.2	22
77	Preschool Gender-Typed Play Behavior at Age 3.5 Years Predicts Physical Aggression at Age 13 Years. <i>Archives of Sexual Behavior</i> , 2018, 47, 905-914.	1.2	19
78	No Evidence for Enhancement of Spatial Ability with Elevated Prenatal Androgen Exposure in Congenital Adrenal Hyperplasia: A Meta-Analysis. <i>Archives of Sexual Behavior</i> , 2020, 49, 395-411.	1.2	17
79	Monkeys, girls, boys and toys: A confirmation. <i>Hormones and Behavior</i> , 2008, 54, 478-479.	1.0	15
80	Prenatal androgen exposure and children's gender-typed behavior and toy and playmate preferences. <i>Hormones and Behavior</i> , 2021, 127, 104889.	1.0	15
81	Relating Prenatal Testosterone Exposure to Postnatal Behavior in Typically Developing Children: Methods and Findings. <i>Child Development Perspectives</i> , 2012, 6, 407-413.	2.1	14
82	Associations between sex-typed behaviour at age 3 1/2 and levels and patterns of physical activity at age 12: the Avon Longitudinal Study of Parents and Children. <i>Archives of Disease in Childhood</i> , 2010, 95, 509-512.	1.0	13
83	Emotional and behavioral adjustment in 4 to 11-year-old boys and girls with classic congenital adrenal hyperplasia and unaffected siblings. <i>Psychoneuroendocrinology</i> , 2018, 97, 104-110.	1.3	12
84	Cultural Components of Sex Differences in Color Preference. <i>Child Development</i> , 2021, 92, 1574-1589.	1.7	12
85	Adult testosterone levels have little or no influence on dominance in men. <i>Behavioral and Brain Sciences</i> , 1998, 21, 377-378.	0.4	10
86	In Search of Emerging Same-Sex Sexuality: Romantic Attractions at Age 13 Years. <i>Archives of Sexual Behavior</i> , 2016, 45, 1839-1849.	1.2	10
87	Sex differences in associations between spatial ability and corpus callosum morphology. <i>Journal of Neuroscience Research</i> , 2018, 96, 1380-1387.	1.3	9
88	No relationship between prenatal or early postnatal androgen exposure and autistic traits: evidence using anogenital distance and penile length measurements at birth and 3 months of age. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2020, 62, 876-883.	3.1	7
89	Aromatization of Testicular Androgens in Physiological Concentrations Does Not Defeminize Sexual Brain Functions. <i>Frontiers of Neurology and Neuroscience</i> , 1986, 12, 28-35.	3.0	4
90	THE ULTIMATE CHALLENGE OF CLOACAL EXSTROPHY. <i>Journal of Urology</i> , 2002, , 300-304.	0.2	4

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91	Activation/organization, masculinization/feminization: What are they and how are they distinguished?. Behavioral and Brain Sciences, 1998, 21, 332-333.	0.4	3
92	The Magnitude of Children's Gender-Related Toy Interests Has Remained Stable Over 50 Years of Research. Archives of Sexual Behavior, 2021, 50, 749-751.	1.2	3
93	Gonadal Hormone Influences on Human Neurobehavioral Development: Outcomes and Mechanisms. Research and Perspectives in Endocrine Interactions, 2013, , 59-69.	0.2	3
94	Hormonal influences on human cognition: What they might tell us about encouraging mathematical ability and precocity in boys and girls. Behavioral and Brain Sciences, 1988, 11, 194-195.	0.4	1
95	Psychological gender development in individuals born with ambiguous genitalia. , 2004, , 492-508.		1
96	Sex Hormones and Human Destiny. Journal of Neuroendocrinology, 2009, 21, 437-438.	1.2	0