

Claire Coles

List of Publications by Year in descending order

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Version: 2024-02-01

115
papers

6,123
citations

76196

40
h-index

76769

74
g-index

117
all docs

117
docs citations

117
times ranked

3014
citing authors

#	ARTICLE	IF	CITATIONS
1	Prevalence of Fetal Alcohol Spectrum Disorders in 4 US Communities. JAMA - Journal of the American Medical Association, 2018, 319, 474.	3.8	562
2	Updated Clinical Guidelines for Diagnosing Fetal Alcohol Spectrum Disorders. Pediatrics, 2016, 138, .	1.0	561
3	A Comparison of Children Affected by Prenatal Alcohol Exposure and Attention Deficit, Hyperactivity Disorder. Alcoholism: Clinical and Experimental Research, 1997, 21, 150-161.	1.4	361
4	Effects of prenatal alcohol exposure at school age. I. Physical and cognitive development. Neurotoxicology and Teratology, 1991, 13, 357-367.	1.2	279
5	Effects of prenatal alcohol exposure at school age. II. Attention and behavior. Neurotoxicology and Teratology, 1991, 13, 369-376.	1.2	217
6	Prenatal Alcohol Exposure and Ability, Academic Achievement, and School Functioning in Adolescence: A Longitudinal Follow-Up. Journal of Pediatric Psychology, 2006, 31, 116-126.	1.1	150
7	Auditory and Visual Sustained Attention in Adolescents Prenatally Exposed to Alcohol. Alcoholism: Clinical and Experimental Research, 2002, 26, 263-271.	1.4	137
8	Further Development of a Neurobehavioral Profile of Fetal Alcohol Spectrum Disorders. Alcoholism: Clinical and Experimental Research, 2013, 37, 517-528.	1.4	134
9	Evaluation of Corpus Callosum Anisotropy in Young Adults With Fetal Alcohol Syndrome According to Diffusion Tensor Imaging. Alcoholism: Clinical and Experimental Research, 2005, 29, 1214-1222.	1.4	113
10	A Comparison Among 5 Methods for the Clinical Diagnosis of Fetal Alcohol Spectrum Disorders. Alcoholism: Clinical and Experimental Research, 2016, 40, 1000-1009.	1.4	110
11	Dose and Timing of Prenatal Alcohol Exposure and Maternal Nutritional Supplements: Developmental Effects on 6-Month-Old Infants. Maternal and Child Health Journal, 2015, 19, 2605-2614.	0.7	106
12	Games that "work" Using computer games to teach alcohol-affected children about fire and street safety. Research in Developmental Disabilities, 2007, 28, 518-530.	1.2	104
13	Socio-cognitive Habilitation Using the Math Interactive Learning Experience Program for Alcohol-Affected Children. Alcoholism: Clinical and Experimental Research, 2007, 31, 1425-1434.	1.4	101
14	Auditory and Visual Sustained Attention in Adolescents Prenatally Exposed to Alcohol. , 2002, 26, 263.		88
15	Maternal drug use during pregnancy: Are preterm and full-term infants affected differently?. Developmental Psychology, 1998, 34, 540-554.	1.2	84
16	Collaborative initiative on fetal alcohol spectrum disorders: methodology of clinical projects. Alcohol, 2010, 44, 635-641.	0.8	84
17	An Evolution of Virtual Reality Training Designs for Children With Autism and Fetal Alcohol Spectrum Disorders. Topics in Language Disorders, 2007, 27, 226-241.	0.9	83
18	Math Performance and Behavior Problems in Children Affected by Prenatal Alcohol Exposure: Intervention and Follow-Up. Journal of Developmental and Behavioral Pediatrics, 2009, 30, 7-15.	0.6	82

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19	Attentional Response at Eight Weeks in Prenatally Drug-Exposed and Preterm Infants. <i>Neurotoxicology and Teratology</i> , 1999, 21, 527-537.	1.2	79
20	Memory and brain volume in adults prenatally exposed to alcohol. <i>Brain and Cognition</i> , 2011, 75, 67-77.	0.8	79
21	Behavioral Development in Children Prenatally Exposed to Drugs and Alcohol. <i>Substance Use and Misuse</i> , 1993, 28, 1393-1433.	0.6	71
22	Executive Function Predicts Adaptive Behavior in Children with Histories of Heavy Prenatal Alcohol Exposure and Attention Deficit/Hyperactivity Disorder. <i>Alcoholism: Clinical and Experimental Research</i> , 2012, 36, 1431-1441.	1.4	70
23	Bone marrow transplantation for infantile ceramidase deficiency (Farber disease). <i>Bone Marrow Transplantation</i> , 2000, 26, 357-363.	1.3	67
24	Voxelwise and skeleton-based region of interest analysis of fetal alcohol syndrome and fetal alcohol spectrum disorders in young adults. <i>Human Brain Mapping</i> , 2009, 30, 3265-3274.	1.9	67
25	Auditory and visual sustained attention in adolescents prenatally exposed to alcohol. <i>Alcoholism: Clinical and Experimental Research</i> , 2002, 26, 263-71.	1.4	67
26	The Impact of Prenatal Alcohol Exposure on Neurophysiological Encoding of Environmental Events at Six Months. <i>Alcoholism: Clinical and Experimental Research</i> , 2004, 28, 489-496.	1.4	64
27	The impact of micronutrient supplementation in alcohol-exposed pregnancies on information processing skills in Ukrainian infants. <i>Alcohol</i> , 2015, 49, 647-656.	0.8	64
28	Prenatal Cocaine Exposure: A Comparison of 2-Year-Old Children in Parental and Nonparental Care. <i>Child Development</i> , 2004, 75, 1282-1295.	1.7	61
29	Understanding specific effects of prenatal alcohol exposure on brain structure in young adults. <i>Human Brain Mapping</i> , 2012, 33, 1663-1676.	1.9	56
30	The effects of prenatal drug exposure, term status, and caregiving on arousal and arousal modulation in 8-week-old infants. <i>Developmental Psychobiology</i> , 2000, 36, 194-212.	0.9	51
31	Functional connectivity abnormalities and associated cognitive deficits in fetal alcohol Spectrum disorders (FASD). <i>Brain Imaging and Behavior</i> , 2017, 11, 1432-1445.	1.1	51
32	Prenatal Alcohol Exposure and Infant Behavior. <i>Advances in Alcohol & Substance Abuse</i> , 1987, 6, 87-104.	0.5	49
33	Default mode network dysfunction in adults with prenatal alcohol exposure. <i>Psychiatry Research - Neuroimaging</i> , 2011, 194, 354-362.	0.9	49
34	Effects of Prenatal Alcohol Exposure on Brain Activation During an Arithmetic Task: An fMRI Study. <i>Alcoholism: Clinical and Experimental Research</i> , 2009, 33, 1901-1908.	1.4	48
35	Altered maternal immune networks are associated with adverse child neurodevelopment: Impact of alcohol consumption during pregnancy. <i>Brain, Behavior, and Immunity</i> , 2018, 73, 205-215.	2.0	48
36	Examining delinquency in adolescents differentially prenatally exposed to alcohol: the role of proximal and distal risk factors. <i>Journal of Studies on Alcohol and Drugs</i> , 2003, 64, 678-686.	2.4	44

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37	Functional Neuroimaging in the Examination of Effects of Prenatal Alcohol Exposure. <i>Neuropsychology Review</i> , 2011, 21, 119-132.	2.5	44
38	Increased "default mode" activity in adolescents prenatally exposed to cocaine. <i>Human Brain Mapping</i> , 2011, 32, 759-770.	1.9	44
39	A comparison study of treated and untreated pregnant and postpartum cocaine-abusing women. <i>Journal of Substance Abuse Treatment</i> , 1992, 9, 343-348.	1.5	42
40	Occipital-temporal Reduction and Sustained Visual Attention Deficit in Prenatal Alcohol Exposed Adults. <i>Brain Imaging and Behavior</i> , 2008, 2, 39-48.	1.1	42
41	Verbal and Nonverbal Memory in Adults Prenatally Exposed to Alcohol. <i>Alcoholism: Clinical and Experimental Research</i> , 2010, 34, 897-906.	1.4	41
42	Neurobehavioral Deficits Consistent Across Age and Sex in Youth with Prenatal Alcohol Exposure. <i>Alcoholism: Clinical and Experimental Research</i> , 2016, 40, 1971-1981.	1.4	41
43	Effects of prenatal cocaine exposure on infant reactivity and regulation. <i>Neurotoxicology and Teratology</i> , 2009, 31, 60-68.	1.2	40
44	The impact of maternal smoking on fast auditory brainstem responses. <i>Neurotoxicology and Teratology</i> , 2009, 31, 216-224.	1.2	40
45	Comparing the Effectiveness of On-Line versus In-Person Caregiver Education and Training for Behavioral Regulation in Families of Children with FASD. <i>International Journal of Mental Health and Addiction</i> , 2012, 10, 791-803.	4.4	40
46	The Effects of Prenatal Alcohol Exposure and Attention-Deficit/Hyperactivity Disorder on Psychopathology and Behavior. <i>Alcoholism: Clinical and Experimental Research</i> , 2013, 37, 507-516.	1.4	40
47	Connectomics signatures of prenatal cocaine exposure affected adolescent brains. <i>Human Brain Mapping</i> , 2013, 34, 2494-2510.	1.9	39
48	Prenatal cocaine exposure alters emotional arousal regulation and its effects on working memory. <i>Neurotoxicology and Teratology</i> , 2009, 31, 342-348.	1.2	38
49	Immune network dysregulation associated with child neurodevelopmental delay: modulatory role of prenatal alcohol exposure. <i>Journal of Neuroinflammation</i> , 2020, 17, 39.	3.1	37
50	Patterns of Prenatal Alcohol Use That Predict Infant Growth and Development. <i>Pediatrics</i> , 2019, 143, .	1.0	36
51	Neuropsychological deficits associated with heavy prenatal alcohol exposure are not exacerbated by ADHD. <i>Neuropsychology</i> , 2013, 27, 713-724.	1.0	35
52	The Clinical Utility and Specificity of Parent Report of Executive Function among Children with Prenatal Alcohol Exposure. <i>Journal of the International Neuropsychological Society</i> , 2014, 20, 704-716.	1.2	35
53	A Decision Tree to Identify Children Affected by Prenatal Alcohol Exposure. <i>Journal of Pediatrics</i> , 2016, 177, 121-127.e1.	0.9	35
54	A Metacognitive Strategy for Reducing Disruptive Behavior in Children with Fetal Alcohol Spectrum Disorders: "G" Pilot. <i>Alcoholism: Clinical and Experimental Research</i> , 2015, 39, 2224-2233.	1.4	34

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55	Combined Face-Brain Morphology and Associated Neurocognitive Correlates in Fetal Alcohol Spectrum Disorders. <i>Alcoholism: Clinical and Experimental Research</i> , 2018, 42, 1769-1782.	1.4	34
56	Introduction to the Special Issue: Impact of Prenatal Substance Exposure on Children's Health, Development, School Performance, and Risk Behavior. <i>Journal of Pediatric Psychology</i> , 2006, 31, 1-4.	1.1	33
57	Assessing effects of prenatal alcohol exposure using group-wise sparse representation of fMRI data. <i>Psychiatry Research - Neuroimaging</i> , 2015, 233, 254-268.	0.9	32
58	Prenatal cocaine exposure alters functional activation in the ventral prefrontal cortex and its structural connectivity with the amygdala. <i>Psychiatry Research - Neuroimaging</i> , 2013, 213, 47-55.	0.9	31
59	Prenatal alcohol exposure, adaptive function, and entry into adult roles in a prospective study of young adults. <i>Neurotoxicology and Teratology</i> , 2015, 51, 52-60.	1.2	31
60	GoFAR: improving attention, behavior and adaptive functioning in children with fetal alcohol spectrum disorders: Brief report. <i>Developmental Neurorehabilitation</i> , 2018, 21, 345-349.	0.5	31
61	Fetal Alcohol Spectrum Disorders in a Pacific Southwest City: Maternal and Child Characteristics. <i>Alcoholism: Clinical and Experimental Research</i> , 2019, 43, 2578-2590.	1.4	31
62	Facial Curvature Detects and Explicates Ethnic Differences in Effects of Prenatal Alcohol Exposure. <i>Alcoholism: Clinical and Experimental Research</i> , 2017, 41, 1471-1483.	1.4	28
63	Two-year cortical trajectories are abnormal in children and adolescents with prenatal alcohol exposure. <i>Developmental Cognitive Neuroscience</i> , 2018, 30, 123-133.	1.9	27
64	Externalizing behavior problems among polydrug cocaine-exposed children: Indirect pathways via maternal harshness and self-regulation in early childhood.. <i>Psychology of Addictive Behaviors</i> , 2014, 28, 139-153.	1.4	26
65	Community translation of the Math Interactive Learning Experience Program for children with FASD. <i>Research in Developmental Disabilities</i> , 2015, 39, 1-11.	1.2	25
66	Improving FASD Children's Self-Regulation: Piloting Phase 1 of the GoFAR Intervention. <i>Child and Family Behavior Therapy</i> , 2016, 38, 124-141.	0.5	25
67	Two-dimensional protein electrophoresis and multiple hypothesis testing to detect potential serum protein biomarkers in children with fetal alcohol syndrome. <i>Electrophoresis</i> , 1995, 16, 1176-1183.	1.3	23
68	Principles for Guiding the Selection of Early Childhood Neurodevelopmental Risk and Resilience Measures: HEALTHy Brain and Child Development Study as an Exemplar. <i>Adversity and Resilience Science</i> , 2020, 1, 247-267.	1.2	23
69	Executive Functioning Correlates With Communication Ability in Youth With Histories of Heavy Prenatal Alcohol Exposure. <i>Journal of the International Neuropsychological Society</i> , 2018, 24, 1026-1037.	1.2	22
70	Assessment of the caregiving environment and infant functioning in polydrug families: Use of a Structured Clinical Interview. <i>Infant Mental Health Journal</i> , 2001, 22, 351-373.	0.7	21
71	Physiological responses to social and cognitive challenges in 8-year olds with a history of prenatal cocaine exposure. <i>Developmental Psychobiology</i> , 2008, 50, 251-265.	0.9	21
72	Effects of prenatal alcohol exposure on cognitive and behavioral development: Findings from a hierarchical meta-analysis of data from six prospective longitudinal U.S. cohorts. <i>Alcoholism: Clinical and Experimental Research</i> , 2021, 45, 2040-2058.	1.4	21

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73	Some sexual, personality, and demographic characteristics of women readers of erotic romances. <i>Archives of Sexual Behavior</i> , 1984, 13, 187-209.	1.2	20
74	Implications of altered maternal cytokine concentrations on infant outcomes in children with prenatal alcohol exposure. <i>Alcohol</i> , 2018, 68, 49-58.	0.8	20
75	Relation between adaptive function and IQ among youth with histories of heavy prenatal alcohol exposure. <i>Birth Defects Research</i> , 2019, 111, 812-821.	0.8	20
76	The Use of Cardiac Orienting Responses as an Early and Scalable Biomarker of Alcohol-Related Neurodevelopmental Impairment. <i>Alcoholism: Clinical and Experimental Research</i> , 2017, 41, 128-138.	1.4	19
77	Association Analysis: Fetal Alcohol Spectrum Disorder and Hypertension Status in Children and Adolescents. <i>Alcoholism: Clinical and Experimental Research</i> , 2019, 43, 1727-1733.	1.4	19
78	Effects of prenatal alcohol exposure in a prospective sample of young adults: Mental health, substance use, and difficulties with the legal system. <i>Neurotoxicology and Teratology</i> , 2017, 64, 50-62.	1.2	18
79	Characterizing Alcohol-Related Neurodevelopmental Disorder: Prenatal Alcohol Exposure and the Spectrum of Outcomes. <i>Alcoholism: Clinical and Experimental Research</i> , 2020, 44, 1245-1260.	1.4	18
80	Prenatal alcohol exposure and mental health at midlife: A preliminary report on two longitudinal cohorts. <i>Alcoholism: Clinical and Experimental Research</i> , 2022, 46, 232-242.	1.4	18
81	The Relationship Between Socioeconomic Status and Brain Volume in Children and Adolescents With Prenatal Alcohol Exposure. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 85.	1.0	17
82	Prefrontal cortical responses in children with prenatal alcohol-related neurodevelopmental impairment: A functional near-infrared spectroscopy study. <i>Clinical Neurophysiology</i> , 2017, 128, 2099-2109.	0.7	16
83	Mathematics intervention for children with fetal alcohol spectrum disorder: A replication and extension of the math interactive learning experience (MILE) program. <i>Research in Developmental Disabilities</i> , 2018, 78, 55-65.	1.2	16
84	Psychopharmacological Treatments in Children with Fetal Alcohol Spectrum Disorders: A Review. <i>Child Psychiatry and Human Development</i> , 2021, , 1.	1.1	16
85	Assessing the Independent and Joint Effects of Unmedicated Prenatal Depressive Symptoms and Alcohol Consumption in Pregnancy and Infant Neurodevelopmental Outcomes. <i>Alcoholism: Clinical and Experimental Research</i> , 2016, 40, 1304-1311.	1.4	15
86	Neural correlates of verbal memory in youth with heavy prenatal alcohol exposure. <i>Brain Imaging and Behavior</i> , 2018, 12, 806-822.	1.1	15
87	Evidence Supporting the Internal Validity of the Proposed ND-PAE Disorder. <i>Child Psychiatry and Human Development</i> , 2018, 49, 163-175.	1.1	15
88	Alterations in Insulin Levels in Adults with Prenatal Alcohol Exposure. <i>Alcoholism: Clinical and Experimental Research</i> , 2021, 45, 500-506.	1.4	12
89	Validity and Reliability of Executive Function Measures in Children With Heavy Prenatal Alcohol Exposure: Correspondence Between Multiple Raters and Laboratory Measures. <i>Alcoholism: Clinical and Experimental Research</i> , 2021, 45, 596-607.	1.4	12
90	Altered Maternal Plasma Fatty Acid Composition by Alcohol Consumption and Smoking during Pregnancy and Associations with Fetal Alcohol Spectrum Disorders. <i>Journal of the American College of Nutrition</i> , 2020, 39, 249-260.	1.1	11

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91	Development and validation of a postnatal risk score that identifies children with prenatal alcohol exposure. <i>Alcoholism: Clinical and Experimental Research</i> , 2022, 46, 52-65.	1.4	11
92	Relation Between Oppositional/Conduct Behaviors and Executive Function Among Youth with Histories of Heavy Prenatal Alcohol Exposure. <i>Alcoholism: Clinical and Experimental Research</i> , 2019, 43, 1135-1144.	1.4	9
93	Longitudinal changes of amygdala and default mode activation in adolescents prenatally exposed to cocaine. <i>Neurotoxicology and Teratology</i> , 2016, 53, 24-32.	1.2	8
94	Fifty Years of Research on Prenatal Substances: Lessons Learned for the Opioid Epidemic. <i>Adversity and Resilience Science</i> , 2020, 1, 223-234.	1.2	8
95	Cross-sectional Analysis of Spatial Working Memory Development in Children with Histories of Heavy Prenatal Alcohol Exposure. <i>Alcoholism: Clinical and Experimental Research</i> , 2021, 45, 215-223.	1.4	8
96	Cardiac Orienting Responses Differentiate the Impact of Prenatal Alcohol Exposure in Ukrainian Toddlers. <i>Alcoholism: Clinical and Experimental Research</i> , 2016, 40, 2377-2384.	1.4	7
97	Effects of fetal tobacco exposure on focused attention in infancy. , 2016, 45, 1-10.		7
98	The Use of Functional Near-Infrared Spectroscopy to Differentiate Alcohol-Related Neurodevelopmental Impairment. <i>Developmental Neuropsychology</i> , 2019, 44, 203-219.	1.0	7
99	Neurodevelopmental Outcomes Associated with Prefrontal Cortical Deoxygenation in Children with Fetal Alcohol Spectrum Disorders. <i>Developmental Neuropsychology</i> , 2020, 45, 1-16.	1.0	7
100	Longitudinal changes of amygdala functional connectivity in adolescents prenatally exposed to cocaine. <i>Drug and Alcohol Dependence</i> , 2019, 200, 50-58.	1.6	6
101	Partner influence as a factor in maternal alcohol consumption and depressive symptoms, and maternal effects on infant neurodevelopmental outcomes. <i>Alcoholism: Clinical and Experimental Research</i> , 2021, 45, 1265-1275.	1.4	6
102	Maternal Substance Use: Epidemiology, Treatment Outcome, and Developmental Effects: An Annotated Bibliography, 1995. <i>Substance Use and Misuse</i> , 1997, 32, 149-168.	0.7	5
103	Gestational age and socioeconomic status as mediators for the impact of prenatal alcohol exposure on development at 6 months. <i>Birth Defects Research</i> , 2019, 111, 789-796.	0.8	5
104	Best Practices for Engaging Pregnant and Postpartum Women at Risk of Substance Use in Longitudinal Research Studies: a Qualitative Examination of Participant Preferences. <i>Adversity and Resilience Science</i> , 2020, 1, 235-246.	1.2	5
105	Infant Cardiac Orienting Responses Predict Later FASD in the Preschool Period. <i>Alcoholism: Clinical and Experimental Research</i> , 2021, 45, 386-394.	1.4	5
106	The impact of micronutrient supplementation in alcohol-exposed pregnancies on reaction time responses of preschoolers in Ukraine. <i>Alcohol</i> , 2022, 99, 49-58.	0.8	5
107	Developmental outcomes of children with Duarte galactosemia: exploring the bases of an apparent contradiction in the literature. <i>Genetics in Medicine</i> , 2019, 21, 2683-2685.	1.1	3
108	Measurement of neurodevelopmental effects of prenatal alcohol exposure in Ukrainian preschool children. <i>Child Neuropsychology</i> , 2021, 27, 1088-1103.	0.8	3

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109	Alcohol-Related Neurobehavioral Disabilities: Need for Further Definition and Common Terminology. Pediatrics, 2016, 138, .	1.0	2
110	A Comparison of Children Affected by Prenatal Alcohol Exposure and Attention Deficit, Hyperactivity Disorder. , 1997, 21, 150.		1
111	A hierarchical meta-analysis for settings involving multiple outcomes across multiple cohorts. Stat, 2022, 11, .	0.3	1
112	Tobacco induced severe oxidation of plasma cysteine redox in post-partum females. Journal of Neonatal-Perinatal Medicine, 2011, 4, 119-125.	0.4	0
113	ISDN2014_0188: Profile of mathematics impairments in children prenatally exposed to alcohol: Investigating the contribution of underlying working memory and executive function deficits. International Journal of Developmental Neuroscience, 2015, 47, 55-55.	0.7	0
114	Response to Astley's Letter to the Editor. Alcoholism: Clinical and Experimental Research, 2017, 41, 219-219.	1.4	0
115	Plasma IL-6 Levels are Elevated During the Third Trimester in Alcohol-Exposed Women with Children Diagnosed with Fetal Alcohol Spectrum Disorder (FASD) Compared to Alcohol-Exposed Women with Normally Developed Children. FASEB Journal, 2015, 29, 913.7.	0.2	0