

Christopher D Molteno

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

2,102
citations

236925

25
h-index

233421

45
g-index

55
all docs

55
docs citations

55
times ranked

1729
citing authors

#	ARTICLE	IF	CITATIONS
1	Post-partum depression and the mother-infant relationship in a South African peri-urban settlement. <i>British Journal of Psychiatry</i> , 1999, 175, 554-558.	2.8	360
2	Impaired Eyeblink Conditioning in Children With Fetal Alcohol Syndrome. <i>Alcoholism: Clinical and Experimental Research</i> , 2008, 32, 365-372.	2.4	160
3	Validation of a new biomarker of fetal exposure to alcohol. <i>Journal of Pediatrics</i> , 2003, 143, 463-469.	1.8	146
4	Efficacy of Maternal Choline Supplementation During Pregnancy in Mitigating Adverse Effects of Prenatal Alcohol Exposure on Growth and Cognitive Function: A Randomized, Double-blind, Placebo-controlled Clinical Trial. <i>Alcoholism: Clinical and Experimental Research</i> , 2018, 42, 1327-1341.	2.4	109
5	Fetal Alcohol Growth Restriction and Cognitive Impairment. <i>Pediatrics</i> , 2016, 138, .	2.1	90
6	Impaired Delay and Trace Eyeblink Conditioning in School-Age Children With Fetal Alcohol Syndrome. <i>Alcoholism: Clinical and Experimental Research</i> , 2011, 35, 250-264.	2.4	84
7	Verbal Learning and Memory Impairment in Children with Fetal Alcohol Spectrum Disorders. <i>Alcoholism: Clinical and Experimental Research</i> , 2015, 39, 724-732.	2.4	67
8	Heavy Prenatal Alcohol Exposure is Related to Smaller Corpus Callosum in Newborn <sc>fMRI</sc> Scans. <i>Alcoholism: Clinical and Experimental Research</i> , 2017, 41, 965-975.	2.4	62
9	Alcohol, Methamphetamine, and Marijuana Exposure Have Distinct Effects on the Human Placenta. <i>Alcoholism: Clinical and Experimental Research</i> , 2016, 40, 753-764.	2.4	58
10	Prevalence of neural tube defects in Cape Town, South Africa. <i>Teratology</i> , 1994, 50, 194-199.	1.6	57
11	Effects of Heavy Prenatal Alcohol Exposure and Iron Deficiency Anemia on Child Growth and Body Composition through Age 9 Years. <i>Alcoholism: Clinical and Experimental Research</i> , 2012, 36, 1973-1982.	2.4	55
12	Differences in corticostriatal-cerebellar activation during working memory in syndromal and nonsyndromal children with prenatal alcohol exposure. <i>Human Brain Mapping</i> , 2013, 34, 1931-1945.	3.6	55
13	An fMRI Study of Number Processing in Children With Fetal Alcohol Syndrome. <i>Alcoholism: Clinical and Experimental Research</i> , 2010, 34, 1450-1464.	2.4	54
14	Infant Emotional Withdrawal: A Precursor of Affective and Cognitive Disturbance in Fetal Alcohol Spectrum Disorders. <i>Alcoholism: Clinical and Experimental Research</i> , 2014, 38, 479-488.	2.4	52
15	Biobehavioral Markers of Adverse Effect in Fetal Alcohol Spectrum Disorders. <i>Neuropsychology Review</i> , 2011, 21, 148-166.	4.9	48
16	Maternal Alcohol Use and Nutrition During Pregnancy: Diet and Anthropometry. <i>Alcoholism: Clinical and Experimental Research</i> , 2017, 41, 2114-2127.	2.4	45
17	Theory of Mind in Children with Fetal Alcohol Spectrum Disorders. <i>Alcoholism: Clinical and Experimental Research</i> , 2016, 40, 367-376.	2.4	40
18	Neurodevelopmental outcome of HIV-exposed but uninfected infants in the Mother and Infants Health Study, Cape Town, South Africa. <i>Tropical Medicine and International Health</i> , 2018, 23, 69-78.	2.3	36

#	ARTICLE	IF	CITATIONS
19	Prenatal Alcohol Exposure and Interhemispheric Transfer of Tactile Information: Detroit and Cape Town Findings. <i>Alcoholism: Clinical and Experimental Research</i> , 2009, 33, 1628-1637.	2.4	34
20	Prenatal Alcohol Exposure is Associated with Regionally Thinner Cortex During the Preadolescent Period. <i>Cerebral Cortex</i> , 2016, 26, 3083-3095.	2.9	34
21	White matter integrity of the cerebellar peduncles as a mediator of effects of prenatal alcohol exposure on eyeblink conditioning. <i>Human Brain Mapping</i> , 2015, 36, 2470-2482.	3.6	32
22	An In Vivo ¹ H Magnetic Resonance Spectroscopy Study of the Deep Cerebellar Nuclei in Children with Fetal Alcohol Spectrum Disorders. <i>Alcoholism: Clinical and Experimental Research</i> , 2014, 38, 1330-1338.	2.4	31
23	Localized reductions in resting-state functional connectivity in children with prenatal alcohol exposure. <i>Human Brain Mapping</i> , 2017, 38, 5217-5233.	3.6	28
24	Prenatal methamphetamine exposure is associated with corticostriatal white matter changes in neonates. <i>Metabolic Brain Disease</i> , 2018, 33, 507-522.	2.9	28
25	Infant circulating MicroRNAs as biomarkers of effect in fetal alcohol spectrum disorders. <i>Scientific Reports</i> , 2021, 11, 1429.	3.3	28
26	Maternal choline supplementation mitigates alcohol exposure effects on neonatal brain volumes. <i>Alcoholism: Clinical and Experimental Research</i> , 2021, 45, 1762-1774.	2.4	28
27	Reductions in Corpus Callosum Volume Partially Mediate Effects of Prenatal Alcohol Exposure on IQ. <i>Frontiers in Neuroanatomy</i> , 2018, 11, 132.	1.7	23
28	Prenatal methamphetamine exposure is associated with reduced subcortical volumes in neonates. <i>Neurotoxicology and Teratology</i> , 2018, 65, 51-59.	2.4	20
29	Feasibility and Acceptability of Maternal Choline Supplementation in Heavy Drinking Pregnant Women: A Randomized, Double-blind, Placebo-controlled Clinical Trial. <i>Alcoholism: Clinical and Experimental Research</i> , 2018, 42, 1315-1326.	2.4	20
30	Evolution of the Physical Phenotype of Fetal Alcohol Spectrum Disorders from Childhood through Adolescence. <i>Alcoholism: Clinical and Experimental Research</i> , 2021, 45, 395-408.	2.4	20
31	Functional MRI of Human Eyeblink Classical Conditioning in Children with Fetal Alcohol Spectrum Disorders. <i>Cerebral Cortex</i> , 2017, 27, 3752-3767.	2.9	19
32	Neural correlates of cerebellar-mediated timing during finger tapping in children with fetal alcohol spectrum disorders. <i>NeuroImage: Clinical</i> , 2015, 7, 562-570.	2.7	18
33	Reduced Hippocampal Volumes Partially Mediate Effects of Prenatal Alcohol Exposure on Spatial Navigation on a Virtual Water Maze Task in Children. <i>Alcoholism: Clinical and Experimental Research</i> , 2020, 44, 844-855.	2.4	17
34	Prenatal alcohol exposure affects brain function during place learning in a virtual environment differently in boys and girls. <i>Brain and Behavior</i> , 2018, 8, e01103.	2.2	15
35	Eyeblink Classical Conditioning in Alcoholism and Fetal Alcohol Spectrum Disorders. <i>Frontiers in Psychiatry</i> , 2015, 6, 155.	2.6	14
36	Validity of automated FreeSurfer segmentation compared to manual tracing in detecting prenatal alcohol exposure-related subcortical and corpus callosal alterations in 9- to 11-year-old children. <i>NeuroImage: Clinical</i> , 2020, 28, 102368.	2.7	14

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37	Fetal Alcohol Exposure Alters BOLD Activation Patterns in Brain Regions Mediating the Interpretation of Facial Affect. <i>Alcoholism: Clinical and Experimental Research</i> , 2021, 45, 140-152.	2.4	12
38	An ERP Study of Response Inhibition in the Auditory Domain in Children with Fetal Alcohol Spectrum Disorders. <i>Alcoholism: Clinical and Experimental Research</i> , 2017, 41, 96-106.	2.4	11
39	Spatial Navigation in Children and Young Adults with Fetal Alcohol Spectrum Disorders. <i>Alcoholism: Clinical and Experimental Research</i> , 2019, 43, 2536-2546.	2.4	11
40	Gestational weight gain and dietary energy, iron, and choline intake predict severity of fetal alcohol growth restriction in a prospective birth cohort. <i>American Journal of Clinical Nutrition</i> , 2022, 116, 460-469.	4.7	9
41	An fMRI investigation of neural activation predicting memory formation in children with fetal alcohol spectrum disorders. <i>NeuroImage: Clinical</i> , 2021, 30, 102532.	2.7	8
42	Development and validation of a quantitative choline food frequency questionnaire for use with drinking and non-drinking pregnant women in Cape Town, South Africa. <i>Nutrition Journal</i> , 2018, 17, 108.	3.4	7
43	Compromised interhemispheric transfer of information partially mediates cognitive function deficits in adolescents with fetal alcohol syndrome. <i>Alcoholism: Clinical and Experimental Research</i> , 2022, 46, 517-529.	2.4	7
44	Deficits in arithmetic error detection in infants with prenatal alcohol exposure: An ERP study. <i>Developmental Cognitive Neuroscience</i> , 2019, 40, 100722.	4.0	6
45	Reduced fractional anisotropy in projection, association, and commissural fiber networks in neonates with prenatal methamphetamine exposure. <i>Developmental Neurobiology</i> , 2020, 80, 381-398.	3.0	6
46	Improved segmentation of cerebellar structures in children. <i>Journal of Neuroscience Methods</i> , 2016, 262, 1-13.	2.5	4
47	Altered Parietal Activation during Non-symbolic Number Comparison in Children with Prenatal Alcohol Exposure. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 627.	2.0	4
48	Prenatal Alcohol Exposure Alters Error Detection During Simple Arithmetic Processing: An Electroencephalography Study. <i>Alcoholism: Clinical and Experimental Research</i> , 2020, 44, 114-124.	2.4	4
49	Distinctive neural correlates of phonological and reading impairment in fetal alcohol-exposed adolescents with and without facial dysmorphology. <i>Neuropsychologia</i> , 2022, 169, 108188.	1.6	4
50	Stability and change in the interpretation of facial emotions in fetal alcohol spectrum disorders from childhood to adolescence. <i>Alcoholism: Clinical and Experimental Research</i> , 2022, 46, 1268-1281.	2.4	4
51	Effects of Prenatal Alcohol Exposure on the Volumes of the Lateral and Medial Walls of the Intraparietal Sulcus. <i>Frontiers in Neuroanatomy</i> , 2021, 15, 639800.	1.7	2
52	Reading Impairment in Adolescents with Fetal Alcohol Spectrum Disorders. <i>Scientific Studies of Reading</i> , 0, 1-20.	2.0	2
53	Magnitude comparison and automaticity in number processing in adolescents with prenatal alcohol exposure: An event-related potentials study. <i>Alcoholism: Clinical and Experimental Research</i> , 2022, 46, 961-978.	2.4	0