

William P Fifer

List of Publications by Year in descending order

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Version: 2024-02-01

99
papers

3,242
citations

201385

27
h-index

205818

48
g-index

110
all docs

110
docs citations

110
times ranked

3315
citing authors

#	ARTICLE	IF	CITATIONS
1	Prenatal smoking and drinking are associated with altered newborn autonomic functions. <i>Pediatric Research</i> , 2023, 93, 242-252.	1.1	2
2	Postpartum sleep health in a multiethnic cohort of women during the COVID-19 pandemic in New York City. <i>Sleep Health</i> , 2022, , .	1.3	0
3	Association of Birth During the COVID-19 Pandemic With Neurodevelopmental Status at 6 Months in Infants With and Without In Utero Exposure to Maternal SARS-CoV-2 Infection. <i>JAMA Pediatrics</i> , 2022, 176, e215563.	3.3	135
4	Remote and at-home data collection: Considerations for the NIH HEALThy Brain and Cognitive Development (HBCD) study. <i>Developmental Cognitive Neuroscience</i> , 2022, 54, 101059.	1.9	14
5	Convergent neural correlates of prenatal exposure to air pollution and behavioral phenotypes of risk for internalizing and externalizing problems: Potential biological and cognitive pathways. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 137, 104645.	2.9	11
6	Trophoblast inclusions and adverse birth outcomes. <i>PLoS ONE</i> , 2022, 17, e0264733.	1.1	4
7	Association of maternal depression and anxiety with toddler social-emotional and cognitive development in South Africa: a prospective cohort study. <i>BMJ Open</i> , 2022, 12, e058135.	0.8	3
8	Aperiodic electrophysiological activity in preterm infants is linked to subsequent autism risk. <i>Developmental Psychobiology</i> , 2022, 64, e22271.	0.9	19
9	Racial/ethnic disparities in subjective sleep duration, sleep quality, and sleep disturbances during pregnancy: an ECHO study. <i>Sleep</i> , 2022, 45, .	0.6	2
10	Associations between bilingualism and memory generalization during infancy: Does socioeconomic status matter?. <i>Bilingualism</i> , 2021, 24, 231-240.	1.0	5
11	Trophoblast inclusions in the human placenta: Identification, characterization, quantification, and interrelations of subtypes. <i>Placenta</i> , 2021, 103, 172-176.	0.7	7
12	Child-parent cardiac transference is decreased following disrupted/absent early care. <i>Developmental Psychobiology</i> , 2021, 63, 1279-1294.	0.9	2
13	Nicotinic Receptors in the Brainstem Ascending Arousal System in SIDS With Analysis of Pre-natal Exposures to Maternal Smoking and Alcohol in High-Risk Populations of the Safe Passage Study. <i>Frontiers in Neurology</i> , 2021, 12, 636668.	1.1	8
14	Paid maternal leave is associated with better language and socioemotional outcomes during toddlerhood. <i>Infancy</i> , 2021, 26, 536-550.	0.9	11
15	187 Mental health clusters during COVID-19 pandemic are associated with multiple dimensions of sleep in a sample of pregnant women. <i>Sleep</i> , 2021, 44, A75-A76.	0.6	0
16	Feasibility of assessing brain activity using mobile, in-home collection of electroencephalography: methods and analysis. <i>Developmental Psychobiology</i> , 2021, 63, e22128.	0.9	13
17	Prenatal Exposure to Tobacco and Alcohol Alters Development of the Neonatal Auditory System. <i>Developmental Neuroscience</i> , 2021, 43, 358-375.	1.0	0
18	Association of Prenatal Exposure to Maternal Drinking and Smoking With the Risk of Stillbirth. <i>JAMA Network Open</i> , 2021, 4, e2121726.	2.8	21

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19	Editorial: Updates on the Neuropathology of Sudden Unexplained Perinatal Death and Other Neurodevelopmental Disorders. <i>Frontiers in Neurology</i> , 2021, 12, 745860.	1.1	0
20	Effects of Prenatal Exposure to Alcohol and Smoking on Fetal Heart Rate and Movement Regulation. <i>Frontiers in Physiology</i> , 2021, 12, 594605.	1.3	4
21	Delayed Maturation of P2 Flash Visual Evoked Potential (VEP) Latency in Newborns of Gestational Diabetic Mothers. <i>Early Human Development</i> , 2021, 163, 105503.	0.8	3
22	Increased Heart Rate Variability Response Among Infants with Reported Rhinorrhea and Watery Eyes: A Pilot Study. <i>Journal of Asthma and Allergy</i> , 2021, Volume 14, 1349-1354.	1.5	2
23	Assessment of autonomic function in the late term fetus: The effects of sex and state. <i>Developmental Psychobiology</i> , 2020, 62, 224-231.	0.9	10
24	Effects of maternal sleep position on fetal and maternal heart rate patterns using overnight home fetal ECG recordings. <i>International Journal of Gynecology and Obstetrics</i> , 2020, 149, 82-87.	1.0	8
25	Neural dynamics of executive function in cognitively able kindergarteners with autism spectrum disorders as predictors of concurrent academic achievement. <i>Autism</i> , 2020, 24, 780-794.	2.4	11
26	A Point Process Framework for the Characterization of Fetal Sleep States. , 2020, 2020, 612-615.		1
27	Transfer Entropy Modeling of Newborn Cardiorespiratory Regulation. <i>Frontiers in Physiology</i> , 2020, 11, 1095.	1.3	10
28	Association Between Prenatal Exposure to Alcohol and Tobacco and Neonatal Brain Activity. <i>JAMA Network Open</i> , 2020, 3, e204714.	2.8	23
29	Associations among the home language environment and neural activity during infancy. <i>Developmental Cognitive Neuroscience</i> , 2020, 43, 100780.	1.9	22
30	Concurrent prenatal drinking and smoking increases risk for SIDS: Safe Passage Study report. <i>EClinicalMedicine</i> , 2020, 19, 100247.	3.2	55
31	Infants of mothers with higher physiological stress show alterations in brain function. <i>Developmental Science</i> , 2020, 23, e12976.	1.3	25
32	Multi-parametric cardiorespiratory analysis in late-preterm, early-term, and full-term infants at birth. <i>Medical and Biological Engineering and Computing</i> , 2019, 57, 99-106.	1.6	11
33	Autonomic signatures of late preterm, early term, and full term neonates during early postnatal life. <i>Early Human Development</i> , 2019, 137, 104817.	0.8	16
34	Neonatal EEG linked to individual differences in socioemotional outcomes and autism risk in toddlers. <i>Developmental Psychobiology</i> , 2019, 61, 1110-1119.	0.9	19
35	Effects of low maternal heart rate on fetal growth and birthweight. <i>International Journal of Gynecology and Obstetrics</i> , 2019, 146, 250-256.	1.0	8
36	Fetal heart rate, heart rate variability, and heart rate/movement coupling in the Safe Passage Study. <i>Journal of Perinatology</i> , 2019, 39, 608-618.	0.9	21

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37	A Point Process Framework for the Characterization of Sleep States in Early Infancy. , 2019, 2019, 3645-3648.		2
38	Cluster Analysis of Alcohol Consumption during Pregnancy in the Safe Passage Study. , 2019, 2019, 1338-1341.		6
39	Beyond the Bayley: Neurocognitive Assessments of Development During Infancy and Toddlerhood. Developmental Neuropsychology, 2019, 44, 220-247.	1.0	31
40	Transabdominal recordings of fetal heart rate in extremely small fetuses. Journal of Maternal-Fetal and Neonatal Medicine, 2019, 32, 1044-1047.	0.7	1
41	Measures of heart rate variability shortly after birth are associated with wheeze and ED visits at age 2-3 years. Journal of Allergy and Clinical Immunology, 2018, 141, AB4.	1.5	0
42	Associations Between Brain Structure and Connectivity in Infants and Exposure to Selective Serotonin Reuptake Inhibitors During Pregnancy. JAMA Pediatrics, 2018, 172, 525.	3.3	95
43	Influence of prenatal alcohol and smoke exposure on neonatal vagal tone in response to head-up tilt. , 2018, 2018, 5874-5877.		1
44	Transient Otoacoustic Emissions and Auditory Brainstem Responses in Low-Risk Cohort of Newborn and One-Month-Old Infants: Assessment of Infant Auditory System Physiology in the Prenatal Alcohol in SIDS and Stillbirth Network Safe Passage Study. Journal of the American Academy of Audiology, 2018, 29, 748-763.	0.4	2
45	Characterization of cardiorespiratory phase synchronization and directionality in late premature and full term infants. Physiological Measurement, 2018, 39, 064001.	1.2	14
46	Associations between Parasympathetic Activity in the Month after Birth and Wheeze at Age 2â€“3 Years. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 532-534.	2.5	3
47	Cardio-respiratory phase locking in newborn and one month infants as a function of sleep state. IFMBE Proceedings, 2018, , 791-794.	0.2	2
48	Maternal heart rate patterns under resting conditions in late pregnancy. Trends in Research, 2018, 1, .	0.2	5
49	Home Environment, But Not Socioeconomic Status, is Linked to Differences in Early Phonetic Perception Ability. Infancy, 2017, 22, 42-55.	0.9	52
50	Fetal foot length at delivery as a tool for determining gestation length in nonâ€“macerated stillbirths. International Journal of Gynecology and Obstetrics, 2017, 138, 107-112.	1.0	9
51	Cardiorespiratory physiology in the safe passage study: protocol, methods and normative values in unexposed infants. Acta Paediatrica, International Journal of Paediatrics, 2017, 106, 1260-1272.	0.7	15
52	A modified Timeline Followback assessment to capture alcohol exposure in pregnant women: Application in the Safe Passage Study. Alcohol, 2017, 62, 17-27.	0.8	28
53	Maternal depression during pregnancy is associated with increased birth weight in term infants. Developmental Psychobiology, 2017, 59, 314-323.	0.9	16
54	Drinking and smoking patterns during pregnancy: Development of group-based trajectories in the Safe Passage Study. Alcohol, 2017, 62, 49-60.	0.8	45

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55	Entropy Information of Cardiorespiratory Dynamics in Neonates during Sleep. <i>Entropy</i> , 2017, 19, 225.	1.1	23
56	Perinatal attention, memory and learning during sleep. <i>Enfance</i> , 2017, 2017, 349-361.	0.1	1
57	Perinatal attention, memory and learning during sleep. <i>Enfance</i> , 2017, NÂ° 3, 349-361.	0.1	0
58	Neonatal eyelid conditioning during sleep. <i>Developmental Psychobiology</i> , 2016, 58, 875-882.	0.9	14
59	Feasibility study for the assessment of cardio-respiratory coupling in newborn infants. , 2016, 2016, 5509-5512.		6
60	Associations among family socioeconomic status, EEG power at birth, and cognitive skills during infancy. <i>Developmental Cognitive Neuroscience</i> , 2016, 19, 144-151.	1.9	97
61	Electrocardiographic intervals in foetuses with CHD. <i>Cardiology in the Young</i> , 2016, 26, 84-89.	0.4	9
62	An automated method for coding sleep states in human infants based on respiratory rate variability. <i>Developmental Psychobiology</i> , 2016, 58, 1108-1115.	0.9	33
63	Ethics Review for a Multi-Site Project Involving Tribal Nations in the Northern Plains. <i>Journal of Empirical Research on Human Research Ethics</i> , 2016, 11, 91-96.	0.6	26
64	Assessment of Cardiac Rate and Rhythm in Fetuses with Arrhythmia via Maternal Abdominal Fetal Electrocardiography. <i>AJP Reports</i> , 2015, 05, e176-e182.	0.4	3
65	Prenatal Nicotine Exposure Selectively Affects Nicotinic Receptor Expression in Primary and Associative Visual Cortices of the Fetal Baboon. <i>Brain Pathology</i> , 2015, 25, 171-181.	2.1	12
66	Influence of sleep state and position on cardio-respiratory regulation in newborn babies. , 2015, 2015, 302-5.		3
67	Autonomic regulation in fetuses with congenital heart disease. <i>Early Human Development</i> , 2015, 91, 195-198.	0.8	17
68	Fetal Growth and Neurodevelopmental Outcome in Congenital Heart Disease. <i>Pediatric Cardiology</i> , 2015, 36, 1135-1144.	0.6	36
69	Socioeconomic disparities in neurocognitive development in the first two years of life. <i>Developmental Psychobiology</i> , 2015, 57, 535-551.	0.9	133
70	Multi-parametric heart rate analysis in premature babies exposed to sudden infant death syndrome. , 2014, 2014, 6389-92.		8
71	The <sc>S</sc>afe <sc>P</sc>assage <sc>S</sc>tudy: Design, Methods, Recruitment, and Followâ€šp Approach. <i>Paediatric and Perinatal Epidemiology</i> , 2014, 28, 455-465.	0.8	105
72	Electroencephalographic activity of preterm infants is increased by Family Nurture Intervention: A randomized controlled trial in the NICU. <i>Clinical Neurophysiology</i> , 2014, 125, 675-684.	0.7	82

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73	Gastroschisis, Destructive Brain Lesions, and Placental Infarction in the Second Trimester Suggest a Vascular Pathogenesis. <i>Pediatric and Developmental Pathology</i> , 2013, 16, 391-396.	0.5	13
74	Academic Achievement Varies With Gestational Age Among Children Born at Term. <i>Pediatrics</i> , 2012, 130, e257-e264.	1.0	114
75	Toward an electrocortical biomarker of cognition for newborn infants. <i>Developmental Science</i> , 2012, 15, 260-271.	1.3	23
76	Measuring fetal cognitive development: when methods and conclusions don't match. <i>Developmental Science</i> , 2011, 14, 224-225.	1.3	5
77	One-month-old human infants learn about the social world while they sleep. <i>Developmental Science</i> , 2011, 14, 1134-1141.	1.3	37
78	Effects of maternal breathing rate, psychiatric status, and cortisol on fetal heart rate. <i>Developmental Psychobiology</i> , 2011, 53, 221-233.	0.9	53
79	Sleep and infant learning. <i>Infant and Child Development</i> , 2011, 20, 35-46.	0.9	57
80	Hepatic Hemangioendothelioma Presenting as Sudden Unexpected Death in Infancy: A Case Report. <i>Pediatric and Developmental Pathology</i> , 2011, 14, 71-74.	0.5	7
81	Newborn infants learn during sleep. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 10320-10323.	3.3	95
82	Prenatal nicotine-exposure alters fetal autonomic activity and medullary neurotransmitter receptors: implications for sudden infant death syndrome. <i>Journal of Applied Physiology</i> , 2009, 107, 1579-1590.	1.2	80
83	Effects of alcohol and smoking during pregnancy on infant autonomic control. <i>Developmental Psychobiology</i> , 2009, 51, 234-242.	0.9	65
84	EEG functional connectivity in term age extremely low birth weight infants. <i>Clinical Neurophysiology</i> , 2008, 119, 2712-2720.	0.7	56
85	The role of perinatal problems in risk of co-morbid psychiatric and medical disorders in adulthood. <i>Psychological Medicine</i> , 2007, 37, 1323-1334.	2.7	32
86	Electrocortical Functional Connectivity in Infancy: Response to Body Tilt. <i>Pediatric Neurology</i> , 2007, 37, 91-98.	1.0	8
87	Low birth weight and risk of affective disorders and selected medical illness in offspring at high and low risk for depression. <i>Comprehensive Psychiatry</i> , 2007, 48, 470-478.	1.5	82
88	Developmental changes in infant heart rate responses to head-up tilting. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2007, 95, 77-81.	0.7	1
89	Interactions between sleeping position and feeding on cardiorespiratory activity in preterm infants. <i>Developmental Psychobiology</i> , 2005, 47, 288-296.	0.9	18
90	Sudden fetal and infant deaths: Shared characteristics and distinctive features. <i>Seminars in Perinatology</i> , 2002, 26, 89-96.	1.1	32

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91	Maternal stress responses and anxiety during pregnancy: Effects on fetal heart rate. <i>Developmental Psychobiology</i> , 2000, 36, 67-77.	0.9	221
92	Maturation changes in heart rate and heart rate variability in low birth weight infants. <i>Developmental Psychobiology</i> , 2000, 37, 73-81.	0.9	53
93	Evidence of Transnatal Auditory Learning. <i>Journal of Perinatology</i> , 2000, 20, S37-S44.	0.9	114
94	Maternal stress responses and anxiety during pregnancy: Effects on fetal heart rate. <i>Developmental Psychobiology</i> , 2000, 36, 67.	0.9	5
95	A novel quantitative measure of Trac̃ _i ^{1/2} -alternant EEG activity and its association with sleep states of preterm infants. , 1997, 31, 167-174.		23
96	Methodological issues in coding sleep states in immature infants. <i>Developmental Psychobiology</i> , 1995, 28, 85-101.	0.9	35
97	Two-day-olds prefer their native language. , 1993, 16, 495-500.		464
98	Canonical and non-canonical syllable discrimination by two-day-old infants. <i>Journal of Child Language</i> , 1992, 19, 1-17.	0.8	66
99	Syllables as signals for 2-day-old infants. , 1990, 13, 377-390.		31