

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	Two-day-olds prefer their native language. , 1993, 16, 495-500.		464
2	Maternal stress responses and anxiety during pregnancy: Effects on fetal heart rate. <i>Developmental Psychobiology</i> , 2000, 36, 67-77.	0.9	221
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	Socioeconomic disparities in neurocognitive development in the first two years of life. <i>Developmental Psychobiology</i> , 2015, 57, 535-551.	0.9	133
5	Evidence of Transnatal Auditory Learning. <i>Journal of Perinatology</i> , 2000, 20, S37-S44.	0.9	114
6	Academic Achievement Varies With Gestational Age Among Children Born at Term. <i>Pediatrics</i> , 2012, 130, e257-e264.	1.0	114
7	The Safe Passage Study: Design, Methods, Recruitment, and Follow-Up Approach. <i>Paediatric and Perinatal Epidemiology</i> , 2014, 28, 455-465.	0.8	105
8	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
9	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
10	Associations Between Brain Structure and Connectivity in Infants and Exposure to Selective Serotonin Reuptake Inhibitors During Pregnancy. <i>JAMA Pediatrics</i> , 2018, 172, 525.	3.3	95
11	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
12	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
13	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
14	Canonical and non-canonical syllable discrimination by two-day-old infants. <i>Journal of Child Language</i> , 1992, 19, 1-17.	0.8	66
15	Effects of alcohol and smoking during pregnancy on infant autonomic control. <i>Developmental Psychobiology</i> , 2009, 51, 234-242.	0.9	65
16	Sleep and infant learning. <i>Infant and Child Development</i> , 2011, 20, 35-46.	0.9	57
17	EEG functional connectivity in term age extremely low birth weight infants. <i>Clinical Neurophysiology</i> , 2008, 119, 2712-2720.	0.7	56
18	Concurrent prenatal drinking and smoking increases risk for SIDS: Safe Passage Study report. <i>EclinicalMedicine</i> , 2020, 19, 100247.	3.2	55

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19	Maturational changes in heart rate and heart rate variability in low birth weight infants. <i>Developmental Psychobiology</i> , 2000, 37, 73-81.	0.9	53
20	Effects of maternal breathing rate, psychiatric status, and cortisol on fetal heart rate. <i>Developmental Psychobiology</i> , 2011, 53, 221-233.	0.9	53
21	Home Environment, But Not Socioeconomic Status, is Linked to Differences in Early Phonetic Perception Ability. <i>Infancy</i> , 2017, 22, 42-55.	0.9	52
22	Drinking and smoking patterns during pregnancy: Development of group-based trajectories in the Safe Passage Study. <i>Alcohol</i> , 2017, 62, 49-60.	0.8	45
23	One-month-old human infants learn about the social world while they sleep. <i>Developmental Science</i> , 2011, 14, 1134-1141.	1.3	37
24	Fetal Growth and Neurodevelopmental Outcome in Congenital Heart Disease. <i>Pediatric Cardiology</i> , 2015, 36, 1135-1144.	0.6	36
25	Methodological issues in coding sleep states in immature infants. <i>Developmental Psychobiology</i> , 1995, 28, 85-101.	0.9	35
26	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
27	Sudden fetal and infant deaths: Shared characteristics and distinctive features. <i>Seminars in Perinatology</i> , 2002, 26, 89-96.	1.1	32
28	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
29	Syllables as signals for 2-day-old infants. , 1990, 13, 377-390.		31
30	Beyond the Bayley: Neurocognitive Assessments of Development During Infancy and Toddlerhood. <i>Developmental Neuropsychology</i> , 2019, 44, 220-247.	1.0	31
31	A modified Timeline Followback assessment to capture alcohol exposure in pregnant women: Application in the Safe Passage Study. <i>Alcohol</i> , 2017, 62, 17-27.	0.8	28
32	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
33	Infants of mothers with higher physiological stress show alterations in brain function. <i>Developmental Science</i> , 2020, 23, e12976.	1.3	25
34	A novel quantitative measure of Trac δ 1/2-alternant EEG activity and its association with sleep states of preterm infants. , 1997, 31, 167-174.		23
35	Toward an electrocortical biomarker of cognition for newborn infants. <i>Developmental Science</i> , 2012, 15, 260-271.	1.3	23
36	Entropy Information of Cardiorespiratory Dynamics in Neonates during Sleep. <i>Entropy</i> , 2017, 19, 225.	1.1	23

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37	Association Between Prenatal Exposure to Alcohol and Tobacco and Neonatal Brain Activity. JAMA Network Open, 2020, 3, e204714.	2.8	23
38	Associations among the home language environment and neural activity during infancy. Developmental Cognitive Neuroscience, 2020, 43, 100780.	1.9	22
39	Fetal heart rate, heart rate variability, and heart rate/movement coupling in the Safe Passage Study. Journal of Perinatology, 2019, 39, 608-618.	0.9	21
40	Association of Prenatal Exposure to Maternal Drinking and Smoking With the Risk of Stillbirth. JAMA Network Open, 2021, 4, e2121726.	2.8	21
41	Neonatal EEG linked to individual differences in socioemotional outcomes and autism risk in toddlers. Developmental Psychobiology, 2019, 61, 1110-1119.	0.9	19
42	Aperiodic electrophysiological activity in preterm infants is linked to subsequent autism risk. Developmental Psychobiology, 2022, 64, e22271.	0.9	19
43	Interactions between sleeping position and feeding on cardiorespiratory activity in preterm infants. Developmental Psychobiology, 2005, 47, 288-296.	0.9	18
44	Autonomic regulation in fetuses with congenital heart disease. Early Human Development, 2015, 91, 195-198.	0.8	17
45	Maternal depression during pregnancy is associated with increased birth weight in term infants. Developmental Psychobiology, 2017, 59, 314-323.	0.9	16
46	Autonomic signatures of late preterm, early term, and full term neonates during early postnatal life. Early Human Development, 2019, 137, 104817.	0.8	16
47	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
48	Neonatal eyelid conditioning during sleep. Developmental Psychobiology, 2016, 58, 875-882.	0.9	14
49	Characterization of cardiorespiratory phase synchronization and directionality in late premature and full term infants. Physiological Measurement, 2018, 39, 064001.	1.2	14
50	Remote and at-home data collection: Considerations for the NIH HEALTHy Brain and Cognitive Development (HBCD) study. Developmental Cognitive Neuroscience, 2022, 54, 101059.	1.9	14
51	Gastroschisis, Destructive Brain Lesions, and Placental Infarction in the Second Trimester Suggest a Vascular Pathogenesis. Pediatric and Developmental Pathology, 2013, 16, 391-396.	0.5	13
52	Feasibility of assessing brain activity using mobile, in-home collection of electroencephalography: methods and analysis. Developmental Psychobiology, 2021, 63, e22128.	0.9	13
53	Prenatal Nicotine Exposure Selectively Affects Nicotinic Receptor Expression in Primary and Associative Visual Cortices of the Fetal Baboon. Brain Pathology, 2015, 25, 171-181.	2.1	12
54	Multi-parametric cardiorespiratory analysis in late-preterm, early-term, and full-term infants at birth. Medical and Biological Engineering and Computing, 2019, 57, 99-106.	1.6	11

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55	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
56	Paid maternal leave is associated with better language and socioemotional outcomes during toddlerhood. <i>Infancy</i> , 2021, 26, 536-550.	0.9	11
57	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
58	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
59	Transfer Entropy Modeling of Newborn Cardiorespiratory Regulation. <i>Frontiers in Physiology</i> , 2020, 11, 1095.	1.3	10
60	Electrocardiographic intervals in foetuses with CHD. <i>Cardiology in the Young</i> , 2016, 26, 84-89.	0.4	9
61	Fetal foot length at delivery as a tool for determining gestation length in non-macerated stillbirths. <i>International Journal of Gynecology and Obstetrics</i> , 2017, 138, 107-112.	1.0	9
62	Electrocortical Functional Connectivity in Infancy: Response to Body Tilt. <i>Pediatric Neurology</i> , 2007, 37, 91-98.	1.0	8
63	Multi-parametric heart rate analysis in premature babies exposed to sudden infant death syndrome. , 2014, 2014, 6389-92.		8
64	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
65	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
66	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
67	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
68	Trophoblast inclusions in the human placenta: Identification, characterization, quantification, and interrelations of subtypes. <i>Placenta</i> , 2021, 103, 172-176.	0.7	7
69	Feasibility study for the assessment of cardio-respiratory coupling in newborn infants. , 2016, 2016, 5509-5512.		6
70	Cluster Analysis of Alcohol Consumption during Pregnancy in the Safe Passage Study. , 2019, 2019, 1338-1341.		6
71	Measuring fetal cognitive development: when methods and conclusions don't match. <i>Developmental Science</i> , 2011, 14, 224-225.	1.3	5
72	Associations between bilingualism and memory generalization during infancy: Does socioeconomic status matter?. <i>Bilingualism</i> , 2021, 24, 231-240.	1.0	5

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73	Maternal stress responses and anxiety during pregnancy: Effects on fetal heart rate. <i>Developmental Psychobiology</i> , 2000, 36, 67.	0.9	5
74	Maternal heart rate patterns under resting conditions in late pregnancy. <i>Trends in Research</i> , 2018, 1, .	0.2	5
75	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
76	Trophoblast inclusions and adverse birth outcomes. <i>PLoS ONE</i> , 2022, 17, e0264733.	1.1	4
77	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
78	Influence of sleep state and position on cardio-respiratory regulation in newborn babies. , 2015, 2015, 302-5.		3
79	Associations between Parasympathetic Activity in the Month after Birth and Wheeze at Age 2â€“3 Years. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 532-534.	2.5	3
80	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
81	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
82	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. <i>Journal of the American Academy of Audiology</i> , 2018, 29, 748-763.	0.4	2
83	A Point Process Framework for the Characterization of Sleep States in Early Infancy. , 2019, 2019, 3645-3648.		2
84	Childâ€“parent cardiac transference is decreased following disrupted/absent early care. <i>Developmental Psychobiology</i> , 2021, 63, 1279-1294.	0.9	2
85	Cardio-respiratory phase locking in newborn and one month infants as a function of sleep state. <i>IFMBE Proceedings</i> , 2018, , 791-794.	0.2	2
86	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
87	Prenatal smoking and drinking are associated with altered newborn autonomic functions. <i>Pediatric Research</i> , 2023, 93, 242-252.	1.1	2
88	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
89	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
90	Influence of prenatal alcohol and smoke exposure on neonatal vagal tone in response to head-up tilt. , 2018, 2018, 5874-5877.		1

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91	Transabdominal recordings of fetal heart rate in extremely small fetuses. Journal of Maternal-Fetal and Neonatal Medicine, 2019, 32, 1044-1047.	0.7	1
92	A Point Process Framework for the Characterization of Fetal Sleep States. , 2020, 2020, 612-615.		1
93	Perinatal attention, memory and learning during sleep. Enfance, 2017, 2017, 349-361.	0.1	1
94	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
95	187 Mental health clusters during COVID-19 pandemic are associated with multiple dimensions of sleep in a sample of pregnant women. Sleep, 2021, 44, A75-A76.	0.6	0
96	Prenatal Exposure to Tobacco and Alcohol Alters Development of the Neonatal Auditory System. Developmental Neuroscience, 2021, 43, 358-375.	1.0	0
97	Editorial: Updates on the Neuropathology of Sudden Unexplained Perinatal Death and Other Neurodevelopmental Disorders. Frontiers in Neurology, 2021, 12, 745860.	1.1	0
98	Perinatal attention, memory and learning during sleep. Enfance, 2017, NÂ° 3, 349-361.	0.1	0
99	Postpartum sleep health in a multiethnic cohort of women during the COVID-19 pandemic in New York City. Sleep Health, 2022, , .	1.3	0