W Thomas Boyce

List of Publications by Year
in descending order

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65 papers	9,748 citations	117453 34 h-index	128067 60 g-index
65 all docs	65 docs citations	65 times ranked	8795 citing authors

#	Article	IF	Citations
1	Neuroscience, Molecular Biology, and the Childhood Roots of Health Disparities. JAMA - Journal of the American Medical Association, 2009, 301, 2252.	3.8	1,834
2	Biological sensitivity to context: I. An evolutionaryâ€“developmental theory of the origins and functions of stress reactivity. Development and Psychopathology, 2005, 17, 271-301.	1.4	1,591
3	Differential susceptibility to the environment: An evolutionaryâ€“neurodevelopmental theory. Development and Psychopathology, 2011, 23, 7-28.	1.4	1,289
4	A New Approach to Integrating Data From Multiple Informants in Psychiatric Assessment and Research: Mixing and Matching Contexts and Perspectives. American Journal of Psychiatry, 2003, 160, 1566-1577.	4.0	586
5	How Experience Gets Under the Skin to Create Gradients in Developmental Health. Annual Review of Public Health, 2010, 31, 329-347.	7.6	566
6	Epigenetic Vestiges of Early Developmental Adversity: Childhood Stress Exposure and DNA Methylation in Adolescence. Child Development, 2013, 84, 58-75.	1.7	362
7	Psychobiologic Reactivity to Stress and Childhood Respiratory Illnesses. Psychosomatic Medicine, 1995, 57, 411-422.	1.3	321
8	Associations Between Physiological Reactivity and Childrenâ€™s Behavior: Advantages of a Multisystem Approach. Journal of Developmental and Behavioral Pediatrics, 2002, 23, 102-113.	0.6	313
9	Biological sensitivity to context: II. Empirical explorations of an evolutionaryâ€“developmental theory. Development and Psychopathology, 2005, 17, 303-28.	1.4	288
10	Autonomic reactivity and psychopathology in middle childhood. British Journal of Psychiatry, 2001, 179, 144-150.	1.7	243
11	The interactive effect of marital conflict and stress reactivity on externalizing and internalizing symptoms: The role of laboratory stressors. Development and Psychopathology, 2011, 23, 101-114.	1.4	178
12	Quality of early family relationships and the timing and tempo of puberty: Effects depend on biological sensitivity to context. Development and Psychopathology, 2011, 23, 85-99.	1.4	172
13	Early Father Involvement Moderates Biobehavioral Susceptibility to Mental Health Problems in Middle Childhood. Journal of the American Academy of Child and Adolescent Psychiatry, 2006, 45, 1510-1520.	0.3	142
14	The PedBE clock accurately estimates DNA methylation age in pediatric buccal cells. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 23329-23335.	3.3	140
15	Development and the epigenome: the â€˜synapseâ€™ of geneâ€“environment interplay. Developmental Science, 2015, 18, 1-23.	1.3	110
16	Toward a new biology of social adversity. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 17143-17148.	3.3	101
17	Differential Susceptibility of the Developing Brain to Contextual Adversity and Stress. Neuropsychopharmacology, 2016, 41, 142-162.	2.8	96
18	Genes, Environments, and Time: The Biology of Adversity and Resilience. Pediatrics, 2021, 147, .	1.0	96

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19	The Confluence of Mental, Physical, Social, and Academic Difficulties in Middle Childhood. I: Exploring the â€œHeadwatersâ€•of Early Life Morbidities. Journal of the American Academy of Child and Adolescent Psychiatry, 2002, 41, 580-587.	0.3	92
20	The biological embedding of early-life socioeconomic status and family adversity in children's genome-wide DNA methylation. Epigenomics, 2018, 10, 1445-1461.	1.0	92
21	Epigenetic correlates of neonatal contact in humans. Development and Psychopathology, 2017, 29, 1517-1538.	1.4	81
22	Genes and environments, development and time. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 23235-23241.	3.3	80
23	Autonomic and Adrenocortical Reactivity and Buccal Cell Telomere Length in Kindergarten Children. Psychosomatic Medicine, 2011, 73, 533-540.	1.3	76
24	Integration of DNA methylation patterns and genetic variation in human pediatric tissues help inform EWAS design and interpretation. Epigenetics and Chromatin, 2019, 12, 1.	1.8	66
25	Geneâ€“environment interplay in Drosophila melanogaster : Chronic food deprivation in early life affects adult exploratory and fitness traits. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 17239-17244.	3.3	61
26	Kindergarten stressors and cumulative adrenocortical activation: The â€œfirst strawsâ€•of allostatic load?. Development and Psychopathology, 2011, 23, 1089-1106.	1.4	60
27	The symphonic structure of childhood stress reactivity: Patterns of sympathetic, parasympathetic, and adrenocortical responses to psychological challenge. Development and Psychopathology, 2014, 26, 963-982.	1.4	60
28	Family Socioeconomic Status, Cortisol, and Physical Health in Early Childhood: The Role of Advantageous Neighborhood Characteristics. Psychosomatic Medicine, 2018, 80, 492-501.	1.3	54
29	Differentiating challenge reactivity from psychomotor activity in studies of childrenâ€™s psychophysiology: Considerations for theory and measurement. Journal of Experimental Child Psychology, 2011, 110, 62-79.	0.7	48
30	Social Stratification, Health, and Violence in the Very Young. Annals of the New York Academy of Sciences, 2006, 1036, 47-68.	1.8	46
31	Leveraging the Biology of Adversity and Resilience to Transform Pediatric Practice. Pediatrics, 2021, 147, .	1.0	46
32	Five-minute Apgar score as a marker for developmental vulnerability at 5â€…years of age. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2016, 101, F114-F120.	1.4	42
33	Biological sensitivity to context: A test of the hypothesized U-shaped relation between early adversity and stress responsivity. Development and Psychopathology, 2020, 32, 641-660.	1.4	39
34	Socioeconomic Disparities in Childhood Obesity Risk: Association With an Oxytocin Receptor Polymorphism. JAMA Pediatrics, 2017, 171, 61.	3.3	36
35	Temperament, Tympanum, and Temperature: Four Provisional Studies of the Biobehavioral Correlates of Tympanic Membrane Temperature Asymmetries. Child Development, 2002, 73, 718-733.	1.7	26
36	Maternal Stress During Pregnancy Predicts Infant Infectious and Noninfectious Illness. Journal of Pediatrics, 2021, 228, 117-125.e2.	0.9	25

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37	Children of chronically ill parents: Relationship between parental multiple sclerosis and childhood developmental health. Multiple Sclerosis Journal, 2016, 22, 1452-1462.	1.4	24
38	The lifelong effects of early childhood adversity and toxic stress. Pediatric Dentistry (discontinued), 2014, 36, 102-8.	0.4	24
39	Leveraging the Biology of Adversity and Resilience to Transform Pediatric Practice. , 2022, , 20-28.		21
40	Childrenâ€™s Autonomic Nervous System Reactivity Moderates the Relations between Family Adversity and Sleep Problems in Latino 5-Year Olds in the CHAMACOS Study. Frontiers in Public Health, 2017, 5, 155.	1.3	20
41	How a Pandemic Could Advance the Science of Early Adversity. JAMA Pediatrics, 2020, 174, 1131.	3.3	20
42	Change of pace: How developmental tempo varies to accommodate failed provision of early needs. Neuroscience and Biobehavioral Reviews, 2021, 131, 120-134.	2.9	18
43	Early Childhood Health and the Life Course: The State of the Science and Proposed Research Priorities. , 2018, , 61-93.		17
44	Social Dominance, School Bullying, and Child Health: What Are Our Ethical Obligations to the Very Young?. Pediatrics, 2015, 135, S24-S30.	1.0	16
45	The impact of maternal depression and overcrowded housing on associations between autonomic nervous system reactivity and externalizing behavior problems in vulnerable Latino children. Psychophysiology, 2016, 53, 97-104.	1.2	16
46	Life Events, Cardiovascular Reactivity, and Risk Behavior in Adolescent Boys. Pediatrics, 1995, 96, 1101-1105.	1.0	16
47	Impact of parental multiple sclerosis on early childhood development: A retrospective cohort study. Multiple Sclerosis Journal, 2015, 21, 1172-1183.	1.4	15
48	Informant-specific reports of peer and teacher relationships buffer the effects of harsh parenting on children's oppositional defiant disorder during kindergarten. Development and Psychopathology, 2020, 32, 163-174.	1.4	15
49	Social Dominance and Cardiovascular Reactivity in Preschoolers: Associations with SES and Health. Annals of the New York Academy of Sciences, 1999, 896, 363-366.	1.8	11
50	Associations between classroom climate and children's externalizing symptoms: The moderating effect of kindergarten children's parasympathetic reactivity. Development and Psychopathology, 2020, 32, 661-672.	1.4	11
51	Child temperament and teacher relationship interactively predict cortisol expression: The prism of classroom climate. Development and Psychopathology, 2017, 29, 1763-1775.	1.4	8
52	Externalizing and Internalizing Problems: Associations with Family Adversity and Young Childrenâ€™s Adrenocortical and Autonomic Functioning. Research on Child and Adolescent Psychopathology, 2021, 49, 629-642.	1.4	7
53	Children's biobehavioral reactivity to challenge predicts DNA methylation in adolescence and emerging adulthood. Developmental Science, 2019, 22, e12739.	1.3	6
54	Associations between multisystem stress reactivity and peer nominated aggression in early childhood vary by sex. Development and Psychopathology, 2020, 32, 1888-1898.	1.4	6

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55	Layered Social Network Analysis Reveals Complex Relationships in Kindergarteners. Frontiers in Psychology, 2016, 7, 276.	1.1	5
56	Commentary: The course of life and life, of course: a commentary on Ben-Shlomo, Cooper and Kuh. International Journal of Epidemiology, 2016, 45, 1000-1002.	0.9	3
57	Consultation with the Specialist. Pediatrics in Review, 1996, 17, 323-326.	0.2	3
58	DOES LOWER SUBJECTIVE SOCIAL STATUS YIELD RISKIER BIOMARKER PROFILES?. Journal of Biosocial Science, 2015, 47, 746-761.	0.5	2
59	Consultation with the Specialist. Pediatrics in Review, 2004, 25, 345-349.	0.2	2
60	Association Between Measures Derived From Children's Primary Exfoliated Teeth and Psychopathology Symptoms: Results From a Community-Based Study. Frontiers in Dental Medicine, 2022, 3, .	0.5	2
61	Fostering Early Brain Development. JAMA - Journal of the American Medical Association, 2015, 313, 1564.	3.8	1
62	Epigenomic Susceptibility to the Social World: Plausible Paths to a â€œNewest Morbidityâ€• Academic Pediatrics, 2017, 17, 600-606.	1.0	1
63	Differences in Febrile and Respiratory Illnesses in Minority Children: The Sociodemographic Context of Restrictive Parenting. Academic Pediatrics, 2019, 19, 534-541.	1.0	0
64	Travels with Curly: A personal, collegial tribute to Professor Marla Sokolowski. Journal of Neurogenetics, 2021, 35, 117-118.	0.6	0
65	Social Dominance, School Bullying, and Child Health: What Are Our Ethical Obligations to the Very Young?. , 2018, , 79-85.		0