

Carol M Worthman

List of Publications by Year in descending order

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Version: 2024-02-01

129
papers

11,666
citations

47006

47
h-index

42399

92
g-index

143
all docs

143
docs citations

143
times ranked

15819
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Multidisciplinary research priorities for the COVID-19 pandemic: a call for action for mental health science. <i>Lancet Psychiatry</i> , 2020, 7, 547-560. | 7.4 | 4,086 |
| 2 | Death, Hope, and Sex: Life-History Theory and the Development of Reproductive Strategies [and Comments and Reply]. <i>Current Anthropology</i> , 1993, 34, 1-24. | 1.6 | 662 |
| 3 | Obesity and Psychiatric Disorder: Developmental Trajectories. <i>Pediatrics</i> , 2003, 111, 851-859. | 2.1 | 454 |
| 4 | Estimating between- and within-individual variation in cortisol levels using multilevel models. <i>Psychoneuroendocrinology</i> , 2005, 30, 698-714. | 2.7 | 264 |
| 5 | Healthy Adolescents' Neural Response to Reward: Associations With Puberty, Positive Affect, and Depressive Symptoms. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2010, 49, 162-172.e5. | 0.5 | 243 |
| 6 | Cumulative Depression Episodes Predict Later C-Reactive Protein Levels: A Prospective Analysis. <i>Biological Psychiatry</i> , 2012, 71, 15-21. | 1.3 | 238 |
| 7 | Puberty Influences Medial Temporal Lobe and Cortical Gray Matter Maturation Differently in Boys Than Girls Matched for Sexual Maturity. <i>Cerebral Cortex</i> , 2011, 21, 636-646. | 2.9 | 229 |
| 8 | Comparison of Mental Health Between Former Child Soldiers and Children Never Conscripted by Armed Groups in Nepal. <i>JAMA - Journal of the American Medical Association</i> , 2008, 300, 691. | 7.4 | 215 |
| 9 | Women's Reproductive Cancers in Evolutionary Context. <i>Quarterly Review of Biology</i> , 1994, 69, 353-367. | 0.1 | 214 |
| 10 | Childhood bullying involvement predicts low-grade systemic inflammation into adulthood. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 7570-7575. | 7.1 | 214 |
| 11 | Testosterone, antisocial behavior, and social dominance in boys: pubertal development and biosocial interaction. <i>Biological Psychiatry</i> , 2004, 55, 546-552. | 1.3 | 205 |
| 12 | Prediction From Low Birth Weight to Female Adolescent Depression. <i>Archives of General Psychiatry</i> , 2007, 64, 338. | 12.3 | 205 |
| 13 | Healthy Adolescents' Neural Response to Reward: Associations With Puberty, Positive Affect, and Depressive Symptoms. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2010, 49, 162-172.e5. | 0.5 | 184 |
| 14 | Life history and the early origins of health differentials. <i>American Journal of Human Biology</i> , 2005, 17, 95-112. | 1.6 | 170 |
| 15 | Philani Plus (+): A Mentor Mother Community Health Worker Home Visiting Program to Improve Maternal and Infants' Outcomes. <i>Prevention Science</i> , 2011, 12, 372-388. | 2.6 | 154 |
| 16 | Pubertal maturation and the development of alcohol use and abuse. <i>Drug and Alcohol Dependence</i> , 2007, 88, S50-S59. | 3.2 | 152 |
| 17 | Sex Matters during Adolescence: Testosterone-Related Cortical Thickness Maturation Differs between Boys and Girls. <i>PLoS ONE</i> , 2012, 7, e33850. | 2.5 | 145 |
| 18 | Outcomes of home visits for pregnant mothers and their infants. <i>Aids</i> , 2013, 27, 1461-1471. | 2.2 | 145 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Hormone measures in finger-prick blood spot samples: New field methods for reproductive endocrinology. , 1997, 104, 1-21. | | 129 |
| 20 | Epstein-Barr Virus Antibodies in Whole Blood Spots: A Minimally Invasive Method for Assessing an Aspect of Cell-Mediated Immunity. Psychosomatic Medicine, 2000, 62, 560-568. | 2.0 | 127 |
| 21 | The Ecology of Human Development: Evolving Models for Cultural Psychology. Journal of Cross-Cultural Psychology, 2010, 41, 546-562. | 1.6 | 109 |
| 22 | The Weanling's Dilemma Reconsidered. Journal of Developmental and Behavioral Pediatrics, 1998, 19, 286-299. | 1.1 | 99 |
| 23 | Political violence and mental health in Nepal: prospective study. British Journal of Psychiatry, 2012, 201, 268-275. | 2.8 | 90 |
| 24 | Dynamics of body time, social time and life history at adolescence. Nature, 2018, 554, 451-457. | 27.8 | 89 |
| 25 | Homeless street children in Nepal: Use of allostatic load to assess the burden of childhood adversity. Development and Psychopathology, 2008, 20, 233-255. | 2.3 | 87 |
| 26 | Testosterone levels change with subsistence hunting effort in !Kung San Men. Psychoneuroendocrinology, 1987, 12, 449-458. | 2.7 | 86 |
| 27 | Culture in psychiatric epidemiology: Using ethnography and multiple mediator models to assess the relationship of caste with depression and anxiety in Nepal. Annals of Human Biology, 2009, 36, 261-280. | 1.0 | 83 |
| 28 | Tracking biocultural pathways in population health: The value of biomarkers. Annals of Human Biology, 2009, 36, 281-297. | 1.0 | 83 |
| 29 | Thirty-Six-Month Outcomes of a Generalist Paraprofessional Perinatal Home Visiting Intervention in South Africa on Maternal Health and Child Health and Development. Prevention Science, 2016, 17, 937-948. | 2.6 | 82 |
| 30 | Attenuation of nursing-related ovarian suppression and high fertility in well-nourished, intensively breast-feeding Amele women of lowland Papua New Guinea. Journal of Biosocial Science, 1993, 25, 425-443. | 1.2 | 81 |
| 31 | Cross-cultural gene-environment interactions in depression, post-traumatic stress disorder, and the cortisol awakening response: FKBP5 polymorphisms and childhood trauma in South Asia. International Review of Psychiatry, 2015, 27, 180-196. | 2.8 | 81 |
| 32 | Pubertal testosterone influences threat-related amygdala-orbitofrontal cortex coupling. Social Cognitive and Affective Neuroscience, 2015, 10, 408-415. | 3.0 | 78 |
| 33 | Germ cell loss in the XXY male mouse: Altered X-chromosome dosage affects prenatal development. Molecular Reproduction and Development, 1998, 49, 101-111. | 2.0 | 73 |
| 34 | A Cluster Randomised Controlled Effectiveness Trial Evaluating Perinatal Home Visiting among South African Mothers/Infants. PLoS ONE, 2014, 9, e105934. | 2.5 | 69 |
| 35 | Community health workers can improve child growth of antenatally-depressed, South African mothers: a cluster randomized controlled trial. BMC Psychiatry, 2015, 15, 225. | 2.6 | 69 |
| 36 | Psychological resilience and the gene regulatory impact of posttraumatic stress in Nepali child soldiers. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 8156-8161. | 7.1 | 67 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Genetic and Environmental Influences on the Relative Timing of Pubertal Change. <i>Twin Research and Human Genetics</i> , 2004, 7, 471-481. | 1.0 | 66 |
| 38 | Toward a Comparative Developmental Ecology of Human Sleep. , 2001, , 69-117. | | 63 |
| 39 | Early Pubertal Timing and Testosterone Associated With Higher Levels of Adolescent Depression in Girls. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2019, 58, 1197-1206. | 0.5 | 63 |
| 40 | Habits of the heart: Life history and the developmental neuroendocrinology of emotion. <i>American Journal of Human Biology</i> , 2009, 21, 772-781. | 1.6 | 62 |
| 41 | C-reactive protein and substance use disorders in adolescence and early adulthood: A prospective analysis. <i>Drug and Alcohol Dependence</i> , 2013, 133, 712-717. | 3.2 | 59 |
| 42 | Designing mental health interventions informed by child development and human biology theory: A social ecology intervention for child soldiers in <sc>N</sc>epal. <i>American Journal of Human Biology</i> , 2015, 27, 27-40. | 1.6 | 57 |
| 43 | Ratios of plasma and salivary testosterone throughout puberty: Production versus bioavailability. <i>Steroids</i> , 1996, 61, 374-378. | 1.8 | 56 |
| 44 | Culture change and stress in Western Samoan youth: Methodological issues in the cross-cultural study of stress and immune function. <i>American Journal of Human Biology</i> , 2000, 12, 792-802. | 1.6 | 56 |
| 45 | Receding horizons of health: biocultural approaches to public health paradoxes. <i>Social Science and Medicine</i> , 2005, 61, 861-878. | 3.8 | 56 |
| 46 | When can parents most influence their child's development? Expert knowledge and perceived local realities. <i>Social Science and Medicine</i> , 2016, 154, 62-69. | 3.8 | 55 |
| 47 | Meditation buffers medical student compassion from the deleterious effects of depression. <i>Journal of Positive Psychology</i> , 2018, 13, 133-142. | 4.0 | 54 |
| 48 | Sex-differentiated changes in C-reactive protein from ages 9 to 21: The contributions of BMI and physical/sexual maturation. <i>Psychoneuroendocrinology</i> , 2013, 38, 2209-2217. | 2.7 | 53 |
| 49 | Companionable sleep: Social regulation of sleep and cosleeping in Egyptian families.. <i>Journal of Family Psychology</i> , 2007, 21, 124-135. | 1.3 | 51 |
| 50 | Abdominal depth and waist circumference as influential determinants of human female attractiveness. <i>Evolution and Human Behavior</i> , 2009, 30, 21-31. | 2.2 | 50 |
| 51 | Hormones, Sex, and Gender. <i>Annual Review of Anthropology</i> , 1995, 24, 593-617. | 1.5 | 49 |
| 52 | Precision of recumbent anthropometry. <i>American Journal of Human Biology</i> , 1993, 5, 159-167. | 1.6 | 45 |
| 53 | Gender and Anxiety in Nepal: The Role of Social Support, Stressful Life Events, and Structural Violence. <i>CNS Neuroscience and Therapeutics</i> , 2009, 15, 237-248. | 3.9 | 44 |
| 54 | Social Change in Adolescent Sexual Behavior, Mate Selection, and Premarital Pregnancy Rates in a Kikuyu Community. <i>Ethos</i> , 1987, 15, 145-165. | 0.2 | 40 |

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|----|--|-----|-----------|
| 55 | Fecal steroid analysis of ovarian cycles in free-ranging baboons. <i>American Journal of Primatology</i> , 1995, 36, 285-297. | 1.7 | 40 |
| 56 | Evolutionary process and the ecology of human immune function. , 1999, 11, 705-717. | | 35 |
| 57 | Links among inflammation, sexual activity and ovulation. <i>Evolution, Medicine and Public Health</i> , 2015, 2015, 304-324. | 2.5 | 35 |
| 58 | Cultural and community determinants of subjective social status among Cherokee and White youth. <i>Ethnicity and Health</i> , 2008, 13, 289-303. | 2.5 | 34 |
| 59 | Effects of ketamine anaesthesia, stress and repeated bleeding on the haematology of vervet monkeys. <i>Laboratory Animals</i> , 1985, 19, 138-144. | 1.0 | 33 |
| 60 | Sleep budgets in a globalizing world: Biocultural interactions influence sleep sufficiency among Egyptian families. <i>Social Science and Medicine</i> , 2013, 79, 31-39. | 3.8 | 33 |
| 61 | Multidisciplinary research priorities for the COVID-19 pandemic – Authors' reply. <i>Lancet Psychiatry</i> , 2020, 7, e44-e45. | 7.4 | 32 |
| 62 | Return to school accompanied by changing associations between family ecology and cortisol. <i>Developmental Psychobiology</i> , 2008, 50, 183-195. | 1.6 | 31 |
| 63 | Child Well-Being: Anthropological Perspectives. , 2014, , 485-512. | | 31 |
| 64 | The signs of stress: Embodiments of biosocial stress among type 2 diabetic women in New Delhi, India. <i>Social Science and Medicine</i> , 2015, 131, 122-130. | 3.8 | 31 |
| 65 | Socialization Ambiguity in Samoan Adolescents: A Model for Human Development and Stress in the Context of Culture Change. <i>Journal of Research on Adolescence</i> , 2004, 14, 49-72. | 3.7 | 28 |
| 66 | Interactions of Physical Maturation and Cultural Practice in Ontogeny: Kikuyu Adolescents. <i>Cultural Anthropology</i> , 1987, 2, 29-38. | 1.7 | 26 |
| 67 | Seasonal and circadian variation in salivary testosterone in rural Bolivian men. <i>American Journal of Human Biology</i> , 2009, 21, 762-768. | 1.6 | 26 |
| 68 | Changing family routines at kindergarten entry predict biomarkers of parental stress. <i>International Journal of Behavioral Development</i> , 2011, 35, 441-448. | 2.4 | 25 |
| 69 | Children with Both Asthma and Depression Are at Risk for Heightened Inflammation. <i>Journal of Pediatrics</i> , 2013, 163, 1443-1447. | 1.8 | 24 |
| 70 | Family and community influences on educational outcomes among appalachian youth. <i>Journal of Community Psychology</i> , 2009, 37, 795-808. | 1.8 | 22 |
| 71 | Culture and the socialization of child cardiovascular regulation at school entry in the US. <i>American Journal of Human Biology</i> , 2008, 20, 572-583. | 1.6 | 20 |
| 72 | Puberty and depression. , 2003, , 137-164. | | 19 |

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| 73 | Sex differences in the association between cortisol concentrations and laboratory pain responses in healthy children. <i>Gender Medicine</i> , 2009, 6, 193-207. | 1.4 | 19 |
| 74 | Psychological and Environmental Correlates of HPA Axis Functioning in Parentally Bereaved Children: Preliminary Findings. <i>Journal of Traumatic Stress</i> , 2013, 26, 233-240. | 1.8 | 19 |
| 75 | Prolactin response to suckling and maintenance of postpartum amenorrhea among intensively breastfeeding nepali women. <i>Endocrine Research</i> , 1996, 22, 1-28. | 1.2 | 18 |
| 76 | Insideâ€œOut and Outsideâ€œIn? Global Development Theory, Policy, and Youth. <i>Ethos</i> , 2011, 39, 432-451. | 0.2 | 18 |
| 77 | Moving from ethnography to epidemiology: Lessons learned in Appalachia. <i>Annals of Human Biology</i> , 2009, 36, 248-260. | 1.0 | 17 |
| 78 | Child abuse, disruptive behavior disorders, depression, and salivary cortisol levels among institutionalized and communityâ€œresiding boys in <sc>M</sc>ongolia. <i>Asia-Pacific Psychiatry</i> , 2015, 7, 7-19. | 2.2 | 17 |
| 79 | Puberty and the Evolution of Developmental Science. <i>Journal of Research on Adolescence</i> , 2019, 29, 9-31. | 3.7 | 17 |
| 80 | Basal metabolic rate and dietary seasonality among Tibetan nomads. <i>American Journal of Human Biology</i> , 1996, 8, 361-370. | 1.6 | 16 |
| 81 | Epidemiology of human development. , 1998, , 47-104. | | 15 |
| 82 | Sex differences in child nutritional and immunological status 5â€œ9 years post contact in fringe highland Papua New Guinea. <i>American Journal of Human Biology</i> , 2010, 22, 657-666. | 1.6 | 15 |
| 83 | Interpersonal violence and suicidality among former child soldiers and war-exposed civilian children in Nepal. <i>Global Mental Health (Cambridge, England)</i> , 2018, 5, e9. | 2.5 | 15 |
| 84 | Longitudinal Validity and Reliability of Brief Smartphone Self-Monitoring of Diet, Stress, and Physical Activity in a Diverse Sample of Mothers. <i>JMIR MHealth and UHealth</i> , 2018, 6, e176. | 3.7 | 15 |
| 85 | The Life Trajectory Interview for Youth (LTI-Y): method development and psychometric properties of an instrument to assess life-course models and achievement. <i>International Journal of Methods in Psychiatric Research</i> , 2006, 15, 206-15. | 2.1 | 13 |
| 86 | Sensitive high-performance liquid chromatographic method using coulometric electrode array detection for measurement of phytoestrogens in dried blood spots. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 826, 81-90. | 2.3 | 12 |
| 87 | Cultural Models, Parent Behavior, and Young Child Experience in Working American Families. <i>Parenting</i> , 2007, 7, 177-203. | 1.4 | 12 |
| 88 | The Brain as a Cultural Artifact. , 2020, , 188-222. | | 12 |
| 89 | Advancing Scientific Integrity, Transparency, and Openness in Child Development Research: Challenges and Possible Solutions. <i>Child Development Perspectives</i> , 2020, 14, 9-14. | 3.9 | 11 |
| 90 | Telomere length analysis from minimallyâ€œinvasively collected samples: Methods development and metaâ€œanalysis of the validity of different sampling techniques. <i>American Journal of Human Biology</i> , 2021, 33, e23410. | 1.6 | 11 |

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|-----|--|-----|-----------|
| 91 | Cultural Models and Fertility Timing among Cherokee and White Youth in Appalachia: Beyond the Mode. <i>American Anthropologist</i> , 2009, 111, 420-431. | 1.4 | 10 |
| 92 | Culture in Mind – An Enactivist Account. , 2020, , 163-187. | | 10 |
| 93 | A Biocultural Life History Approach to the Developmental Psychobiology of Male Aggression. , 2005, , 187-222. | | 9 |
| 94 | Lifecourse Priorities Among Appalachian Emerging Adults: Revisiting Wallace's Organization of Diversity. <i>Ethos</i> , 2009, 37, 225-242. | 0.2 | 8 |
| 95 | Found in Translation: Collaborative Contemplations of Tibetan Buddhism and Western Science. <i>Frontiers in Communication</i> , 2020, 4, . | 1.2 | 8 |
| 96 | Developmental Cultural Ecology of Sleep. , 2011, , 167-194. | | 8 |
| 97 | Endocrine pathways in differential well-being across the life course. , 2002, , 197-232. | | 7 |
| 98 | Feasibility, acceptability, and design of a mobile health application for high-risk men who have sex with men in Hanoi, Vietnam. <i>The Lancet Global Health</i> , 2020, 8, S14. | 6.3 | 6 |
| 99 | Mental health in HIV prevention and care: A qualitative study of challenges and facilitators to integration in Vietnam. <i>Social Science and Medicine</i> , 2021, 279, 113978. | 3.8 | 6 |
| 100 | Biological and behavioral factors influence group differences in prolactin levels among breastfeeding Nepali women. , 1998, 10, 191-210. | | 5 |
| 101 | Work and hormonal variation in subsistence and industrial contexts. , 1998, , 139-183. | | 5 |
| 102 | Genetic and Environmental Influences on the Relative Timing of Pubertal Change. <i>Twin Research and Human Genetics</i> , 2004, 7, 471-481. | 1.0 | 5 |
| 103 | Mutual Constitution of Culture and the Mind. , 2020, , 88-119. | | 4 |
| 104 | Neurodiversity as a Conceptual Lens and Topic of Cross-Cultural Study. , 2020, , 477-493. | | 4 |
| 105 | Neuroanthropological Perspectives on Culture, Mind, and Brain. , 2020, , 277-299. | | 3 |
| 106 | Evolutionary Biology of Human Stress. , 2015, , 441-453. | | 2 |
| 107 | Cultural Priming Effects and the Human Brain. , 2020, , 223-243. | | 2 |
| 108 | Culture, Self, and Agency. , 2020, , 244-272. | | 2 |

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|-----|--|-----|-----------|
| 109 | Ritual and Religion as Social Technologies of Cooperation. , 2020, , 325-362. | | 2 |
| 110 | Family Influences on Sleep: Comparative and Historical-Evolutionary Perspectives. National Symposium on Family Issues, 2017, , 123-151. | 0.2 | 2 |
| 111 | Feasibility, Acceptability, and Design of a Mobile Ecological Momentary Assessment for High-Risk Men Who Have Sex With Men in Hanoi, Vietnam: Qualitative Study. JMIR Formative Research, 2022, 6, e30360. | 1.4 | 2 |
| 112 | Emory-Tibet Science Initiative: Changes in Monastic Science Learning Motivation and Engagement During a Six-Year Curriculum. Frontiers in Communication, 2022, 6, . | 1.2 | 2 |
| 113 | CHAPTER 9. Karma to Chromosomes: Studying the Biology of PTSD in a World of Culture. , 2016, , 307-333. | | 1 |
| 114 | Being There. , 2020, , 120-158. | | 1 |
| 115 | Liminal Brains in Uncertain Futures. , 2020, , 389-401. | | 1 |
| 116 | The Reward of Musical Emotions and Expectations. , 2020, , 402-415. | | 1 |
| 117 | Capturing Context Is Not Enough. , 2020, , 426-437. | | 1 |
| 118 | Internet Sociality. , 2020, , 461-476. | | 1 |
| 119 | HOW EXPERIENCE INTERACTS WITH BIOLOGICAL DEVELOPMENT. , 2010, , 51-52. | | 1 |
| 120 | The Neural Mechanisms Underlying Social Norms. , 2020, , 300-324. | | 0 |
| 121 | The Cultural Brain as Historical Artifact. , 2020, , 367-374. | | 0 |
| 122 | Experience-Dependent Plasticity in the Hippocampus. , 2020, , 375-388. | | 0 |
| 123 | Literary Analysis and Weak Theories. , 2020, , 416-425. | | 0 |
| 124 | Social Neuroscience in Global Mental Health. , 2020, , 438-449. | | 0 |
| 125 | Cities, Psychosis, and Social Defeat. , 2020, , 450-460. | | 0 |
| 126 | Culture, Mind, and Brain in Human Evolution. , 2020, , 55-87. | | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|----|-----------|
| 127 | SOCIAL AND CULTURAL CONTEXTS OF CHILDHOOD DEVELOPMENT “ NORMATIVE SETTINGS, PRACTICES, AND CONSEQUENCES. , 0, , 281-283. | | 0 |
| 128 | FEAR, FUN, AND THE BOUNDARIES OF SOCIAL EXPERIENCE. , 2010, , 375-377. | | 0 |
| 129 | PUBLIC HEALTH, EDUCATION, AND POLICY IMPLICATIONS. , 0, , 503-504. | | 0 |