

Carol M Worthman

List of Publications by Citations

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131
papers

8,760
citations

44
h-index

93
g-index

143
ext. papers

10,416
ext. citations

4.5
avg, IF

6.11
L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 131 | Multidisciplinary research priorities for the COVID-19 pandemic: a call for action for mental health science. <i>Lancet Psychiatry</i> , 2020 , 7, 547-560 | 23.3 | 2516 |
| 130 | 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 | 2.1 | 571 |
| 129 | Obesity and psychiatric disorder: developmental trajectories. <i>Pediatrics</i> , 2003 , 111, 851-9 | 7.4 | 385 |
| 128 | Estimating between- and within-individual variation in cortisol levels using multilevel models. <i>Psychoneuroendocrinology</i> , 2005 , 30, 698-714 | 5 | 239 |
| 127 | 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, 636-46 | 5.1 | 200 |
| 126 | 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, 691-702 | 27.4 | 192 |
| 125 | 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 | 7.2 | 190 |
| 124 | Cumulative depression episodes predict later C-reactive protein levels: a prospective analysis. <i>Biological Psychiatry</i> , 2012 , 71, 15-21 | 7.9 | 189 |
| 123 | Prediction from low birth weight to female adolescent depression: a test of competing hypotheses. <i>Archives of General Psychiatry</i> , 2007 , 64, 338-44 | | 185 |
| 122 | Testosterone, antisocial behavior, and social dominance in boys: pubertal development and biosocial interaction. <i>Biological Psychiatry</i> , 2004 , 55, 546-52 | 7.9 | 183 |
| 121 | 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 | 7.2 | 173 |
| 120 | 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, 7570-5 | 11.5 | 159 |
| 119 | Women's reproductive cancers in evolutionary context. <i>Quarterly Review of Biology</i> , 1994 , 69, 353-67 | 5.4 | 158 |
| 118 | Life history and the early origins of health differentials. <i>American Journal of Human Biology</i> , 2005 , 17, 95-112 | 2.7 | 149 |
| 117 | Pubertal maturation and the development of alcohol use and abuse. <i>Drug and Alcohol Dependence</i> , 2007 , 88 Suppl 1, S50-9 | 4.9 | 131 |
| 116 | Philani Plus (+): a Mentor Mother community health worker home visiting program to improve maternal and infants' outcomes. <i>Prevention Science</i> , 2011 , 12, 372-88 | 4 | 130 |
| 115 | Outcomes of home visits for pregnant mothers and their infants: a cluster randomized controlled trial. <i>Aids</i> , 2013 , 27, 1461-71 | 3.5 | 123 |

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| 114 | Sex matters during adolescence: testosterone-related cortical thickness maturation differs between boys and girls. <i>PLoS ONE</i> , 2012 , 7, e33850 | 3.7 | 121 |
| 113 | Hormone measures in finger-prick blood spot samples: new field methods for reproductive endocrinology. <i>American Journal of Physical Anthropology</i> , 1997 , 104, 1-21 | 2.5 | 116 |
| 112 | Epstein-Barr virus antibodies in whole blood spots: a minimally invasive method for assessing an aspect of cell-mediated immunity. <i>Psychosomatic Medicine</i> , 2000 , 62, 560-7 | 3.7 | 111 |
| 111 | The Ecology of Human Development: Evolving Models for Cultural Psychology. <i>Journal of Cross-Cultural Psychology</i> , 2010 , 41, 546-562 | 1.9 | 88 |
| 110 | The weaning dilemma reconsidered: a biocultural analysis of breastfeeding ecology. <i>Journal of Developmental and Behavioral Pediatrics</i> , 1998 , 19, 286-99 | 2.4 | 83 |
| 109 | Homeless street children in Nepal: use of allostatic load to assess the burden of childhood adversity. <i>Development and Psychopathology</i> , 2008 , 20, 233-55 | 4.3 | 80 |
| 108 | Testosterone levels change with subsistence hunting effort in !Kung San men. <i>Psychoneuroendocrinology</i> , 1987 , 12, 449-58 | 5 | 78 |
| 107 | Culture in psychiatric epidemiology: using ethnography and multiple mediator models to assess the relationship of caste with depression and anxiety in Nepal. <i>Annals of Human Biology</i> , 2009 , 36, 261-80 | 1.7 | 73 |
| 106 | Cross-cultural gene- environment interactions in depression, post-traumatic stress disorder, and the cortisol awakening response: FKBP5 polymorphisms and childhood trauma in South Asia. <i>International Review of Psychiatry</i> , 2015 , 27, 180-96 | 3.6 | 70 |
| 105 | Political violence and mental health in Nepal: prospective study. <i>British Journal of Psychiatry</i> , 2012 , 201, 268-75 | 5.4 | 70 |
| 104 | Tracking biocultural pathways in population health: the value of biomarkers. <i>Annals of Human Biology</i> , 2009 , 36, 281-97 | 1.7 | 67 |
| 103 | Germ cell loss in the XXY male mouse: altered X-chromosome dosage affects prenatal development. <i>Molecular Reproduction and Development</i> , 1998 , 49, 101-11 | 2.6 | 67 |
| 102 | Attenuation of nursing-related ovarian suppression and high fertility in well-nourished, intensively breast-feeding Amele women of lowland Papua New Guinea. <i>Journal of Biosocial Science</i> , 1993 , 25, 425-43 | 1.6 | 63 |
| 101 | Pubertal testosterone influences threat-related amygdala-orbitofrontal cortex coupling. <i>Social Cognitive and Affective Neuroscience</i> , 2015 , 10, 408-15 | 4 | 61 |
| 100 | Dynamics of body time, social time and life history at adolescence. <i>Nature</i> , 2018 , 554, 451-457 | 50.4 | 60 |
| 99 | Thirty-Six-Month Outcomes of a Generalist Paraprofessional Perinatal Home Visiting Intervention in South Africa on Maternal Health and Child Health and Development. <i>Prevention Science</i> , 2016 , 17, 937-948 | 4 | 59 |
| 98 | A cluster randomised controlled effectiveness trial evaluating perinatal home visiting among South African mothers/infants. <i>PLoS ONE</i> , 2014 , 9, e105934 | 3.7 | 57 |
| 97 | Genetic and environmental influences on the relative timing of pubertal change. <i>Twin Research and Human Genetics</i> , 2004 , 7, 471-81 | | 56 |

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| 96 | Community health workers can improve child growth of antenatally-depressed, South African mothers: a cluster randomized controlled trial. <i>BMC Psychiatry</i> , 2015 , 15, 225 | 4.2 | 54 |
| 95 | 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 | 2.7 | 54 |
| 94 | Habits of the heart: life history and the developmental neuroendocrinology of emotion. <i>American Journal of Human Biology</i> , 2009 , 21, 772-81 | 2.7 | 52 |
| 93 | Psychological resilience and the gene regulatory impact of posttraumatic stress in Nepali child soldiers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 8156-8161 | 11.5 | 51 |
| 92 | Designing mental health interventions informed by child development and human biology theory: a social ecology intervention for child soldiers in Nepal. <i>American Journal of Human Biology</i> , 2015 , 27, 27-40 | 2.7 | 48 |
| 91 | Ratios of plasma and salivary testosterone throughout puberty: production versus bioavailability. <i>Steroids</i> , 1996 , 61, 374-8 | 2.8 | 47 |
| 90 | Receding horizons of health: biocultural approaches to public health paradoxes. <i>Social Science and Medicine</i> , 2005 , 61, 861-78 | 5.1 | 46 |
| 89 | Abdominal depth and waist circumference as influential determinants of human female attractiveness. <i>Evolution and Human Behavior</i> , 2009 , 30, 21-31 | 4 | 45 |
| 88 | Toward a Comparative Developmental Ecology of Human Sleep 2001 , 69-117 | | 45 |
| 87 | Companionable sleep: social regulation of sleep and cosleeping in Egyptian families. <i>Journal of Family Psychology</i> , 2007 , 21, 124-35 | 2.7 | 44 |
| 86 | C-reactive protein and substance use disorders in adolescence and early adulthood: a prospective analysis. <i>Drug and Alcohol Dependence</i> , 2013 , 133, 712-7 | 4.9 | 41 |
| 85 | When can parents most influence their child's development? Expert knowledge and perceived local realities. <i>Social Science and Medicine</i> , 2016 , 154, 62-9 | 5.1 | 41 |
| 84 | Fecal steroid analysis of ovarian cycles in free-ranging baboons. <i>American Journal of Primatology</i> , 1995 , 36, 285-297 | 2.5 | 38 |
| 83 | Hormones, Sex, and Gender. <i>Annual Review of Anthropology</i> , 1995 , 24, 593-617 | 3.6 | 37 |
| 82 | Precision of recumbent anthropometry. <i>American Journal of Human Biology</i> , 1993 , 5, 159-167 | 2.7 | 35 |
| 81 | Gender and anxiety in Nepal: the role of social support, stressful life events, and structural violence. <i>CNS Neuroscience and Therapeutics</i> , 2009 , 15, 237-48 | 6.8 | 34 |
| 80 | Social change in adolescent sexual behavior, mate selection, and premarital pregnancy rates in a Kikuyu community. <i>Ethos</i> , 1987 , 15, 145-65 | 0.6 | 33 |
| 79 | Evolutionary process and the ecology of human immune function. <i>American Journal of Human Biology</i> , 1999 , 11, 705-717 | 2.7 | 32 |

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| 78 | 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, 2209-17 | 5 | 31 |
| 77 | 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 | 7.2 | 30 |
| 76 | Meditation buffers medical student compassion from the deleterious effects of depression. <i>Journal of Positive Psychology</i> , 2018 , 13, 133-142 | 3.2 | 30 |
| 75 | Effects of ketamine anaesthesia, stress and repeated bleeding on the haematology of vervet monkeys. <i>Laboratory Animals</i> , 1985 , 19, 138-44 | 2.6 | 30 |
| 74 | Cultural and community determinants of subjective social status among Cherokee and White youth. <i>Ethnicity and Health</i> , 2008 , 13, 289-303 | 2.2 | 29 |
| 73 | Child Well-Being: Anthropological Perspectives 2014 , 485-512 | | 26 |
| 72 | 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 | 3.2 | 26 |
| 71 | Sleep budgets in a globalizing world: biocultural interactions influence sleep sufficiency among Egyptian families. <i>Social Science and Medicine</i> , 2013 , 79, 31-9 | 5.1 | 25 |
| 70 | Links among inflammation, sexual activity and ovulation: Evolutionary trade-offs and clinical implications. <i>Evolution, Medicine and Public Health</i> , 2015 , 2015, 304-24 | 3 | 25 |
| 69 | Return to school accompanied by changing associations between family ecology and cortisol. <i>Developmental Psychobiology</i> , 2008 , 50, 183-95 | 3 | 25 |
| 68 | Multidisciplinary research priorities for the COVID-19 pandemic - AuthorsReply. <i>Lancet Psychiatry</i> , 2020 , 7, e44-e45 | 23.3 | 24 |
| 67 | Seasonal and circadian variation in salivary testosterone in rural Bolivian men. <i>American Journal of Human Biology</i> , 2009 , 21, 762-8 | 2.7 | 22 |
| 66 | Interactions of Physical Maturation and Cultural Practice in Ontogeny: Kikuyu Adolescents. <i>Cultural Anthropology</i> , 1987 , 2, 29-38 | 1.5 | 22 |
| 65 | 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, 122-30 | 5.1 | 20 |
| 64 | Sex differences in the association between cortisol concentrations and laboratory pain responses in healthy children. <i>Gender Medicine</i> , 2009 , 6 Suppl 2, 193-207 | | 19 |
| 63 | Children with both asthma and depression are at risk for heightened inflammation. <i>Journal of Pediatrics</i> , 2013 , 163, 1443-7 | 3.6 | 18 |
| 62 | Changing family routines at kindergarten entry predict biomarkers of parental stress. <i>International Journal of Behavioral Development</i> , 2011 , 35, 441-448 | 2.6 | 18 |
| 61 | Culture and the socialization of child cardiovascular regulation at school entry in the US. <i>American Journal of Human Biology</i> , 2008 , 20, 572-83 | 2.7 | 17 |

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| 60 | Child abuse, disruptive behavior disorders, depression, and salivary cortisol levels among institutionalized and community-residing boys in Mongolia. <i>Asia-Pacific Psychiatry</i> , 2015 , 7, 7-19 | 3.2 | 16 |
| 59 | Puberty and depression 2003 , 137-164 | | 16 |
| 58 | Inside-Out and Outside-In? Global Development Theory, Policy, and Youth. <i>Ethos</i> , 2011 , 39, 432-451 | 0.6 | 15 |
| 57 | Family and Community Influences on Educational Outcomes Among Appalachian Youth. <i>Journal of Community Psychology</i> , 2009 , 37, 795-808 | 2.2 | 15 |
| 56 | Psychological and environmental correlates of HPA axis functioning in parentally bereaved children: preliminary findings. <i>Journal of Traumatic Stress</i> , 2013 , 26, 233-40 | 3.8 | 14 |
| 55 | Basal metabolic rate and dietary seasonality among Tibetan nomads. <i>American Journal of Human Biology</i> , 1996 , 8, 361-370 | 2.7 | 14 |
| 54 | Prolactin response to suckling and maintenance of postpartum amenorrhea among intensively breastfeeding Nepali women. <i>Endocrine Research</i> , 1996 , 22, 1-28 | 1.9 | 14 |
| 53 | Moving from ethnography to epidemiology: lessons learned in Appalachia. <i>Annals of Human Biology</i> , 2009 , 36, 248-60, 2 p following 260 | 1.7 | 13 |
| 52 | 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, 192-206 | 4.3 | 12 |
| 51 | 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 | 3.2 | 12 |
| 50 | Sex differences in child nutritional and immunological status 5-9 years post contact in fringe highland Papua New Guinea. <i>American Journal of Human Biology</i> , 2010 , 22, 657-66 | 2.7 | 11 |
| 49 | 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 | 5.5 | 10 |
| 48 | Cultural Models, Parent Behavior, and Young Child Experience in Working American Families. <i>Parenting</i> , 2007 , 7, 177-203 | 1.3 | 9 |
| 47 | Puberty and the Evolution of Developmental Science. <i>Journal of Research on Adolescence</i> , 2019 , 29, 9-31 | 3.2 | 8 |
| 46 | Advancing scientific integrity, transparency, and openness in child development research: Challenges and possible solutions. <i>Child Development Perspectives</i> , 2020 , 14, 9-14 | 5.5 | 8 |
| 45 | 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 | 3.9 | 8 |
| 44 | Lifecourse Priorities Among Appalachian Emerging Adults: Revisiting Wallace's Organization of Diversity. <i>Ethos</i> , 2009 , 37, 225 | 0.6 | 8 |
| 43 | Cultural Models and Fertility Timing among Cherokee and White Youth in Appalachia: Beyond the Mode. <i>American Anthropologist</i> , 2009 , 111, 420-431 | 1.5 | 8 |

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| 42 | Epidemiology of human development 1998 , 47-104 | | 8 |
| 41 | Developmental Cultural Ecology of Sleep 2011 , 167-194 | | 8 |
| 40 | Culture in Mind [An Enactivist Account 2020 , 163-187 | | 8 |
| 39 | A Biocultural Life History Approach to the Developmental Psychobiology of Male Aggression 2005 , 187-222 | | 7 |
| 38 | Endocrine pathways in differential well-being across the life course 2002 , 197-232 | | 6 |
| 37 | Biological and behavioral factors influence group differences in prolactin levels among breastfeeding Nepali women. <i>American Journal of Human Biology</i> , 1998 , 10, 191-210 | 2.7 | 5 |
| 36 | Genetic and Environmental Influences on the Relative Timing of Pubertal Change | | 5 |
| 35 | The Brain as a Cultural Artifact 2020 , 188-222 | | 4 |
| 34 | 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 | 13.6 | 4 |
| 33 | Telomere length analysis from minimally-invasively collected samples: Methods development and meta-analysis of the validity of different sampling techniques: <i>American Journal of Human Biology</i> . <i>American Journal of Human Biology</i> , 2021 , 33, e23410 | 2.7 | 4 |
| 32 | Neurodiversity as a Conceptual Lens and Topic of Cross-Cultural Study 2020 , 477-493 | | 3 |
| 31 | Found in Translation: Collaborative Contemplations of Tibetan Buddhism and Western Science. <i>Frontiers in Communication</i> , 2020 , 4, | 2.5 | 2 |
| 30 | Work and hormonal variation in subsistence and industrial contexts 1998 , 139-183 | | 2 |
| 29 | Mutual Constitution of Culture and the Mind 2020 , 88-119 | | 2 |
| 28 | HOW EXPERIENCE INTERACTS WITH BIOLOGICAL DEVELOPMENTS51-52 | | 1 |
| 27 | Family Influences on Sleep: Comparative and Historical-Evolutionary Perspectives. <i>National Symposium on Family Issues</i> , 2017 , 123-151 | 0.5 | 1 |
| 26 | Being There 2020 , 120-158 | | 1 |
| 25 | Cultural Priming Effects and the Human Brain 2020 , 223-243 | | 1 |

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| 24 | Culture, Self, and Agency 2020 , 244-272 | | 1 |
| 23 | Neuroanthropological Perspectives on Culture, Mind, and Brain 2020 , 277-299 | | 1 |
| 22 | Capturing Context Is Not Enough 2020 , 426-437 | | 1 |
| 21 | Internet Sociality 2020 , 461-476 | | 1 |
| 20 | 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 | 5.1 | 1 |
| 19 | CHAPTER 9. Karma to Chromosomes: Studying the Biology of PTSD in a World of Culture 2016 , 307-333 | | 1 |
| 18 | Feasibility, Acceptability, and Design of a Mobile Ecological Momentary Assessment for High-Risk Men Who Have Sex With Men in Hanoi, Vietnam: Qualitative Study.. <i>JMIR Formative Research</i> , 2022 , 6, e30360 | 2.5 | 0 |
| 17 | Ritual and Religion as Social Technologies of Cooperation 2020 , 325-362 | | 0 |
| 16 | Liminal Brains in Uncertain Futures 2020 , 389-401 | | 0 |
| 15 | Evolutionary Biology of Human Stress 2015 , 441-453 | | |
| 14 | The Co-emergence of Culture, Mind, and Brain 2020 , 53-158 | | |
| 13 | The Situated Brain 2020 , 159-272 | | |
| 12 | How Social Coordination and Cooperation are Achieved 2020 , 273-276 | | |
| 11 | The Neural Mechanisms Underlying Social Norms 2020 , 300-324 | | |
| 10 | The Cultural Brain as Historical Artifact 2020 , 367-374 | | |
| 9 | Experience-Dependent Plasticity in the Hippocampus 2020 , 375-388 | | |
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| 7 | Literary Analysis and Weak Theories 2020 , 416-425 | | |

6 Social Neuroscience in Global Mental Health **2020**, 438-449

5 Cities, Psychosis, and Social Defeat **2020**, 450-460

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3 SOCIAL AND CULTURAL CONTEXTS OF CHILDHOOD DEVELOPMENT IN NORMATIVE SETTINGS,
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2 FEAR, FUN, AND THE BOUNDARIES OF SOCIAL EXPERIENCE 375-377

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