## Christine M Heim

List of Publications by Year in descending order

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11047 20797 28,285 136 60 137 citations h-index g-index papers 152 152 152 22645 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Effects of stress throughout the lifespan on the brain, behaviour and cognition. Nature Reviews Neuroscience, 2009, 10, 434-445.	4.9	4,771
2	The role of childhood trauma in the neurobiology of mood and anxiety disorders: preclinical and clinical studies. Biological Psychiatry, 2001, 49, 1023-1039.	0.7	2,337
3	Pituitary-Adrenal and Autonomic Responses to Stress in Women After Sexual and Physical Abuse in Childhood. JAMA - Journal of the American Medical Association, 2000, 284, 592.	3.8	1,632
4	The potential role of hypocortisolism in the pathophysiology of stress-related bodily disorders. Psychoneuroendocrinology, 2000, 25, 1-35.	1.3	1,462
5	The link between childhood trauma and depression: Insights from HPA axis studies in humans. Psychoneuroendocrinology, 2008, 33, 693-710.	1.3	1,373
6	Allele-specific FKBP5 DNA demethylation mediates gene–childhood trauma interactions. Nature Neuroscience, 2013, 16, 33-41.	7.1	1,216
7	Association of <emph type="ital">FKBP5</emph> Polymorphisms and Childhood Abuse With Risk of Posttraumatic Stress Disorder Symptoms in Adults. JAMA - Journal of the American Medical Association, 2008, 299, 1291.	3.8	1,190
8	Current research trends in early life stress and depression: Review of human studies on sensitive periods, gene–environment interactions, and epigenetics. Experimental Neurology, 2012, 233, 102-111.	2.0	790
9	Childhood Trauma Associated With Smaller Hippocampal Volume in Women With Major Depression. American Journal of Psychiatry, 2002, 159, 2072-2080.	4.0	742
10	Differential responses to psychotherapy versus pharmacotherapy in patients with chronic forms of major depression and childhood trauma. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 14293-14296.	3.3	729
11	Increased Stress-Induced Inflammatory Responses in Male Patients With Major Depression and Increased Early Life Stress. American Journal of Psychiatry, 2006, 163, 1630-1633.	4.0	669
12	Altered Pituitary-Adrenal Axis Responses to Provocative Challenge Tests in Adult Survivors of Childhood Abuse. American Journal of Psychiatry, 2001, 158, 575-581.	4.0	650
13	Influence of Child Abuse on Adult Depression. Archives of General Psychiatry, 2008, 65, 190.	13.8	583
14	Neurobiological and psychiatric consequences of child abuse and neglect. Developmental Psychobiology, 2010, 52, 671-690.	0.9	504
15	The impact of early adverse experiences on brain systems involved in the pathophysiology of anxiety and affective disorders. Biological Psychiatry, 1999, 46, 1509-1522.	0.7	465
16	Importance of Studying the Contributions of Early Adverse Experience to Neurobiological Findings in Depression. Neuropsychopharmacology, 2004, 29, 641-648.	2.8	453
17	The role of early adverse experience and adulthood stress in the prediction of neuroendocrine stress reactivity in women: A multiple regression analysis. Depression and Anxiety, 2002, 15, 117-125.	2.0	389
18	Lifetime stress accelerates epigenetic aging in an urban, African American cohort: relevance of glucocorticoid signaling. Genome Biology, 2015, 16, 266.	3.8	340

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19	The Dexamethasone/Corticotropin-Releasing Factor Test in Men with Major Depression: Role of Childhood Trauma. Biological Psychiatry, 2008, 63, 398-405.	0.7	313
20	The effects of child abuse and neglect on cognitive functioning in adulthood. Journal of Psychiatric Research, 2012, 46, 500-506.	1.5	272
21	A short review on the psychoneuroimmunology of posttraumatic stress disorder: From risk factors to medical comorbidities. Brain, Behavior, and Immunity, 2011, 25, 6-13.	2.0	271
22	Abuse-Related Posttraumatic Stress Disorder and Alterations of the Hypothalamic-Pituitary-Adrenal Axis in Women With Chronic Pelvic Pain. Psychosomatic Medicine, 1998, 60, 309-318.	1.3	269
23	Decreased Cortical Representation of Genital Somatosensory Field After Childhood Sexual Abuse. American Journal of Psychiatry, 2013, 170, 616-623.	4.0	261
24	Neurobiology of early life stress: Clinical studies. Seminars in Clinical Neuropsychiatry, 2002, 7, 147-159.	1.9	248
25	Childhood Trauma and Risk for Chronic Fatigue Syndrome. Archives of General Psychiatry, 2009, 66, 72.	13.8	233
26	Chronic Fatigue Syndrome $\hat{a}\in$ A clinically empirical approach to its definition and study. BMC Medicine, 2005, 3, 19.	2.3	225
27	Sensitivity to Intranasal Oxytocin in Adult Men with Early Parental Separation. Biological Psychiatry, 2007, 61, 1109-1111.	0.7	218
28	Maternal Systemic Interleukin-6 During Pregnancy Is Associated With Newborn Amygdala Phenotypes and Subsequent Behavior at 2 Years of Age. Biological Psychiatry, 2018, 83, 109-119.	0.7	213
29	Effect of childhood trauma on adult depression and neuroendocrine function: sex-specific moderation by CRH receptor 1 gene. Frontiers in Behavioral Neuroscience, 2009, 3, 41.	1.0	206
30	Early Adverse Experience and Risk for Chronic Fatigue Syndrome. Archives of General Psychiatry, 2006, 63, 1258.	13.8	198
31	Prevalence of chronic fatigue syndrome in metropolitan, urban, and rural Georgia. Population Health Metrics, 2007, 5, 5.	1.3	194
32	Neurobiology of posttraumatic stress disorder. CNS Spectrums, 2009, 14, 13-24.	0.7	191
33	The effects of neonatal stress on brain development: Implications for psychopathology. Development and Psychopathology, 1999, 11, 545-565.	1.4	181
34	Intergenerational Transmission of Maternal Childhood Maltreatment Exposure: Implications for Fetal Brain Development. Journal of the American Academy of Child and Adolescent Psychiatry, 2017, 56, 373-382.	0.3	181
35	Genome-wide DNA methylation levels and altered cortisol stress reactivity following childhood trauma in humans. Nature Communications, 2016, 7, 10967.	5.8	175
36	The Role of Early Adverse Life Events in the Etiology of Depression and Posttraumatic Stress Disorder Annals of the New York Academy of Sciences, 1997, 821, 194-207.	1.8	172

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37	Association between childhood maltreatment and adult emotional dysregulation in a low-income, urban, African American sample: Moderation by oxytocin receptor gene. Development and Psychopathology, 2011, 23, 439-452.	1.4	165
38	Pituitary-adrenal responses to standard and low-dose dexamethasone suppression tests in adult survivors of child abuse. Biological Psychiatry, 2004, 55, 10-20.	0.7	161
39	Increased peripheral NF-κB pathway activity in women with childhood abuse-related posttraumatic stress disorder. Brain, Behavior, and Immunity, 2012, 26, 13-17.	2.0	159
40	Psychometric properties of the CDC Symptom Inventory for assessment of Chronic Fatigue Syndrome. Population Health Metrics, 2005, 3, 8.	1.3	143
41	Decreased cortisol awakening response after early loss experience. Psychoneuroendocrinology, 2005, 30, 568-576.	1.3	138
42	Intergenerational Effect of Maternal Exposure to Childhood Maltreatment on Newborn Brain Anatomy. Biological Psychiatry, 2018, 83, 120-127.	0.7	138
43	Addiction Research Consortium: Losing and regaining control over drug intake (ReCoDe)—From trajectories to mechanisms and interventions. Addiction Biology, 2020, 25, e12866.	1.4	135
44	Higher heart rate and reduced heart rate variability persist during sleep in chronic fatigue syndrome: A population-based study. Autonomic Neuroscience: Basic and Clinical, 2007, 137, 94-101.	1.4	117
45	Association of Hormonal Contraceptive Use With Reduced Levels of Depressive Symptoms: A National Study of Sexually Active Women in the United States. American Journal of Epidemiology, 2013, 178, 1378-1388.	1.6	115
46	Translating basic research knowledge on the biological embedding of early-life stress into novel approaches for the developmental programming of lifelong health. Psychoneuroendocrinology, 2019, 105, 123-137.	1.3	112
47	Mental stress as consequence and cause of vision loss: the dawn of psychosomatic ophthalmology for preventive and personalized medicine. EPMA Journal, 2018, 9, 133-160.	3.3	111
48	Neuroendocrine and Immune Contributors to Fatigue. PM and R, 2010, 2, 338-346.	0.9	107
49	Attenuated Morning Salivary Cortisol Concentrations in a Population-Based Study of Persons with Chronic Fatigue Syndrome and Well Controls. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 703-709.	1.8	101
50	Alterations in Diurnal Salivary Cortisol Rhythm in a Population-Based Sample of Cases With Chronic Fatigue Syndrome. Psychosomatic Medicine, 2008, 70, 298-305.	1.3	101
51	Effects of phenytoin on memory, cognition and brain structure in post-traumatic stress disorder: a pilot study. Journal of Psychopharmacology, 2005, 19, 159-165.	2.0	95
52	HPA Axis Reactivity and Lymphocyte Glucocorticoid Sensitivity in Fibromyalgia Syndrome and Chronic Pelvic Pain. Psychosomatic Medicine, 2008, 70, 65-72.	1.3	92
53	Effects of Antenatal Maternal Depressive Symptoms and Socio-Economic Status on Neonatal Brain Development are Modulated by Genetic Risk. Cerebral Cortex, 2017, 27, 3080-3092.	1.6	90
54	Oxytocin pathways in the intergenerational transmission of maternal early life stress. Neuroscience and Biobehavioral Reviews, 2017, 73, 293-308.	2.9	75

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55	Cognitive Dysfunction Relates to Subjective Report of Mental Fatigue in Patients with Chronic Fatigue Syndrome. Neuropsychopharmacology, 2006, 31, 1777-1784.	2.8	71
56	Genetic evaluation of the serotonergic system in chronic fatigue syndrome. Psychoneuroendocrinology, 2008, 33, 188-197.	1.3	65
57	Psychiatric Comorbidity in Persons With Chronic Fatigue Syndrome Identified From the Georgia Population. Psychosomatic Medicine, 2009, 71, 557-565.	1.3	64
58	Sleep characteristics of persons with chronic fatigue syndrome and non-fatigued controls: results from a population-based study. BMC Neurology, 2006, 6, 41.	0.8	63
59	Gene–Environment Interactions and Intermediate Phenotypes: Early Trauma and Depression. Frontiers in Endocrinology, 2014, 5, 14.	1.5	62
60	The low-dose dexamethasone suppression test in fibromyalgia. Journal of Psychosomatic Research, 2007, 62, 85-91.	1.2	61
61	Neural Response to Social Rejection in Children With Early Separation Experiences. Journal of the American Academy of Child and Adolescent Psychiatry, 2014, 53, 1328-1337.e8.	0.3	57
62	Stress and immunosenescence: The role of telomerase. Psychoneuroendocrinology, 2019, 101, 87-100.	1.3	57
63	Treatment of Posttraumatic Stress Disorder With Phenytoin. Journal of Clinical Psychiatry, 2004, 65, 1559-1564.	1.1	54
64	Personality Features and Personality Disorders in Chronic Fatigue Syndrome: A Population-Based Study. Psychotherapy and Psychosomatics, 2010, 79, 312-318.	4.0	50
65	Blunted cortisol stress reactivity in low–income children relates to lower memory function. Psychoneuroendocrinology, 2018, 90, 110-121.	1.3	48
66	Cerebrospinal Fluid Corticotropin-Releasing Factor (CRF) and Vasopressin Concentrations Predict Pituitary Response in the CRF Stimulation Test: A Multiple Regression Analysis. Neuropsychopharmacology, 2003, 28, 569-576.	2.8	44
67	Perception versus polysomnographic assessment of sleep in CFS and non-fatigued control subjects: results from a population-based study. BMC Neurology, 2007, 7, 40.	0.8	44
68	Cumulative life stress in chronic fatigue syndrome. Psychiatry Research, 2011, 189, 318-320.	1.7	44
69	Cardiovascular risk factor distribution and subjective risk estimation in urban women – The BEFRI Study: a randomized cross-sectional study. BMC Medicine, 2015, 13, 52.	2.3	42
70	Orthostatic instability in a population-based study of chronic fatigue syndrome. American Journal of Medicine, 2005, 118, 1415.e19-1415.e28.	0.6	37
71	Inflammatory Measures in Depressed Patients With and Without a History of Adverse Childhood Experiences. Frontiers in Psychiatry, 2018, 9, 610.	1.3	37
72	Coping styles in people with chronic fatigue syndrome identified from the general population of Wichita, KS. Journal of Psychosomatic Research, 2006, 60, 567-573.	1.2	36

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73	Neurobiology of Early-Life Stress. Psychiatric Annals, 2003, 33, 18-26.	0.1	35
74	The pediatric buccal epigenetic clock identifies significant ageing acceleration in children with internalizing disorder and maltreatment exposure. Neurobiology of Stress, 2021, 15, 100394.	1.9	28
75	Measurement of cortisol in saliva: a comparison of measurement error within and between international academic-research laboratories. BMC Research Notes, 2017, 10, 479.	0.6	27
76	Association between chronotype and body mass index: The role of C-reactive protein and the cortisol response to stress. Psychoneuroendocrinology, 2019, 109, 104388.	1.3	27
77	Combined effects of genotype and childhood adversity shape variability of DNA methylation across age. Translational Psychiatry, 2021, 11, 88.	2.4	27
78	Impact of acute psychosocial stress on peripheral blood gene expression pathways in healthy menâ <sup>*</sup> †. Biological Psychology, 2009, 82, 125-132.	1.1	26
79	Assessing Cortisol Reactivity to a Linguistic Task as a Marker of Stress in Individuals With Left-Hemisphere Stroke and Aphasia. Journal of Speech, Language, and Hearing Research, 2007, 50, 493-507.	0.7	25
80	Cerebral oligaemia episode triggers free radical formation and late cognitive deficiencies. European Journal of Neuroscience, 2000, 12, 715-725.	1.2	23
81	Gynecological History in Chronic Fatigue Syndrome: A Population-Based Case-Control Study. Journal of Women's Health, 2011, 20, 21-28.	1.5	22
82	Stable longitudinal associations of family income with children's hippocampal volume and memory persist after controlling for polygenic scores of educational attainment. Developmental Cognitive Neuroscience, 2019, 40, 100720.	1.9	22
83	Dynamic DNA methylation changes in the maternal oxytocin gene locus (OXT) during pregnancy predict postpartum maternal intrusiveness. Psychoneuroendocrinology, 2019, 103, 156-162.	1.3	22
84	Prospective association of maternal psychosocial stress in pregnancy with newborn hippocampal volume and implications for infant social-emotional development. Neurobiology of Stress, 2021, 15, 100368.	1.9	22
85	Psychoendocrinological Observations in Women with Chronic Pelvic Pain. Annals of the New York Academy of Sciences, 1997, 821, 456-458.	1.8	20
86	Childhood maltreatment is associated with increased risk of subclinical hypothyroidism in pregnancy. Psychoneuroendocrinology, 2017, 84, 190-196.	1.3	20
87	Emotional availability in mothers with borderline personality disorder and mothers with remitted major depression is differently associated with psychopathology among school-aged children. Journal of Affective Disorders, 2018, 231, 63-73.	2.0	19
88	Childhood adversity correlates with stable changes in DNA methylation trajectories in children and converges with epigenetic signatures of prenatal stress. Neurobiology of Stress, 2021, 15, 100336.	1.9	19
89	Investigating differential effects of socio-emotional and mindfulness-based online interventions on mental health, resilience and social capacities during the COVID-19 pandemic: The study protocol. PLoS ONE, 2021, 16, e0256323.	1.1	18
90	Child abuse potential in mothers with early life maltreatment, borderline personality disorder and depression. British Journal of Psychiatry, 2018, 213, 412-418.	1.7	17

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91	Hair cortisol concentrations are associated with hippocampal subregional volumes in children. Scientific Reports, 2020, 10, 4865.	1.6	17
92	Immediate impact of child maltreatment on mental, developmental, and physical health trajectories. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2022, 63, 1027-1045.	3.1	17
93	Transmission of the adverse consequences of childhood maltreatment across generations: Focus on gestational biology. Pharmacology Biochemistry and Behavior, 2022, 215, 173372.	1.3	17
94	Ambulatory assessment for precision psychiatry: Foundations, current developments and future avenues. Experimental Neurology, 2021, 345, 113807.	2.0	16
95	Immediate and longitudinal effects of maltreatment on systemic inflammation in young children. Development and Psychopathology, 2020, 32, 1725-1731.	1.4	16
96	Neural Representation of Maternal Face Processing: A Functional Magnetic Resonance Imaging Study. Canadian Journal of Psychiatry, 2007, 52, 726-734.	0.9	15
97	HPA axis reactivity in chronic pelvic pain: association with depression. Journal of Psychosomatic Obstetrics and Gynaecology, 2009, 30, 282-286.	1.1	15
98	A Role of Oxytocin Receptor Gene Brain Tissue Expression Quantitative Trait Locus rs237895 in the Intergenerational Transmission of the Effects of Maternal Childhood Maltreatment. Journal of the American Academy of Child and Adolescent Psychiatry, 2019, 58, 1207-1216.	0.3	15
99	Effect of transient reduction of cerebral blood flow on membrane anisotropy and lipid peroxidation in different rat brain areas. Neurochemistry International, 1994, 25, 161-168.	1.9	14
100	Altered Pituitary-Adrenal Axis Responses to Provocative Challenge Tests in Adult Survivors of Childhood Abuse. Focus (American Psychiatric Publishing), 2003, 1, 282-289.	0.4	14
101	Obesity and accelerated epigenetic aging in a high-risk cohort of children. Scientific Reports, 2022, 12, 8328.	1.6	14
102	Regional Prevalence of Fatiguing Illnesses in the United States Before and After the Terrorist Attacks of September 11, 2001. Psychosomatic Medicine, 2004, 66, 672-678.	1.3	12
103	Cognitive control moderates parenting stress effects on children's diurnal cortisol. PLoS ONE, 2018, 13, e0191215.	1.1	12
104	Neonatal hippocampal volume moderates the effects of early postnatal enrichment on cognitive development. Developmental Cognitive Neuroscience, 2020, 45, 100820.	1.9	12
105	The analysis system COGITAT for the study of cognitive deficiencies in rodents. Behavior Research Methods, 2000, 32, 140-156.	1.3	11
106	Child Maltreatment as a Root Cause of Mortality Disparities. JAMA Psychiatry, 2016, 73, 897.	6.0	11
107	Deficiency of Inflammatory Response to Acute Trauma Exposure as a Neuroimmune Mechanism Driving the Development of Chronic PTSD: Another Paradigmatic Shift for the Conceptualization of Stress-Related Disorders?. American Journal of Psychiatry, 2020, 177, 10-13.	4.0	11
108	Characterization in humans of i>in vitro ii>leucocyte maximal telomerase activity capacity and association with stress. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20160441.	1.8	10

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109	Alterations of empathy in mothers with a history of early life maltreatment, depression, and borderline personality disorder and their effects on child psychopathology. Psychological Medicine, 2020, 50, 1182-1190.	2.7	10
110	The association between history of prenatal loss and maternal psychological state in a subsequent pregnancy: an ecological momentary assessment (EMA) study. Psychological Medicine, 2023, 53, 855-865.	2.7	10
111	Progressive degeneration of dopamine system functions after transient cerebral oligemia in rats. Brain Research, 1999, 851, 235-246.	1.1	9
112	Intergenerational transmission of childhood trauma? Testing cellular aging in mothers exposed to sexual abuse and their children. Psychoneuroendocrinology, 2020, 120, 104781.	1.3	9
113	Assembling a cohort for in-depth, longitudinal assessments of the biological embedding of child maltreatment: Methods, complexities, and lessons learned. Development and Psychopathology, 2021, 33, 394-408.	1.4	9
114	Elevated inflammatory markers in women with remitted major depressive disorder and the role of early life maltreatment. Brain, Behavior, and Immunity, 2021, 97, 219-225.	2.0	8
115	Longitudinal developmental trajectories do not follow cross-sectional age associations in hippocampal subfield and memory development. Developmental Cognitive Neuroscience, 2022, 54, 101085.	1.9	8
116	Sensory-Tactile Functional Mapping and Use-Associated Structural Variation of the Human Female Genital Representation Field. Journal of Neuroscience, 2022, 42, 1131-1140.	1.7	7
117	Differential neural activity and connectivity for processing one's own face: A preliminary report. Psychiatry Research - Neuroimaging, 2011, 194, 130-140.	0.9	6
118	Chronic fatigue syndrome. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2012, 106, 573-587.	1.0	6
119	Exposure to childhood maltreatment and systemic inflammation across pregnancy: The moderating role of depressive symptomatology. Brain, Behavior, and Immunity, 2022, 101, 397-409.	2.0	6
120	Tolerability of the dexamethasone–corticotropin releasing hormone test in major depressive disorder. Journal of Psychiatric Research, 2011, 45, 24-28.	1.5	5
121	Oxytocin and Pair Bonding: On Possible Influences During the Life Course. Biological Psychiatry, 2012, 72, e3-e4.	0.7	5
122	Effects of stress on 6- and 7-year-old children's emotional memory differs by gender. Journal of Experimental Child Psychology, 2020, 199, 104924.	0.7	5
123	The challenge of ascertainment of exposure to childhood maltreatment: Issues and considerations. Psychoneuroendocrinology, 2021, 125, 105102.	1.3	5
124	Differential Responses to Psychotherapy Versus Pharmacotherapy in Patients With Chronic Forms of Major Depression and Childhood Trauma. Focus (American Psychiatric Publishing), 2005, 3, 131-135.	0.4	4
125	Coping Styles in Chronic Fatigue Syndrome: Findings from a Population-Based Study. Psychotherapy and Psychosomatics, 2012, 81, 127-129.	4.0	4
126	Trauma and Depression. , 0, , 360-381.		3

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127	Trauma Spectrum Disorders. , 2006, , 1203-1210.		3
128	The neuroendocrine effects of early life trauma., 0,, 157-165.		2
129	Keyes et al. Respond to "Hormonal Contraception and Mood". American Journal of Epidemiology, 2013, 178, 1392-1393.	1.6	2
130	Psychobiological Consequences of Child Maltreatment. Child Maltreatment Solutions Network, 2018, , 15-30.	0.4	2
131	New perspective on chronic fatigue syndrome: lessons from developmental neuroscience. Future Neurology, 2009, 4, 377-381.	0.9	1
132	Flammer Syndrome: Psychological Causes and Consequences of Visual Impairment. Advances in Predictive, Preventive and Personalised Medicine, 2019, , 29-77.	0.6	1
133	Neurobiologische Folgen früher Stresserfahrungen. , 2020, , 181-202.		1
134	Stress, Early Life. , 2020, , 2167-2170.		0
135	Pharmacological Stress Tests. , 2020, , 1660-1664.		0
136	Relationship between Borderline Personality Disorder, Emotional Availability, and Cortisol Output in Mother-Child Dyads. Psychopathology, 2023, 56, 90-101.	1.1	0