

Christine M Heim

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135
papers

23,124
citations

55
h-index

152
g-index

152
ext. papers

25,844
ext. citations

5.7
avg, IF

6.93
L-index

#	Paper	IF	Citations
135	Effects of stress throughout the lifespan on the brain, behaviour and cognition. <i>Nature Reviews Neuroscience</i> , 2009 , 10, 434-45	13.5	3830
134	The role of childhood trauma in the neurobiology of mood and anxiety disorders: preclinical and clinical studies. <i>Biological Psychiatry</i> , 2001 , 49, 1023-39	7.9	2045
133	Pituitary-adrenal and autonomic responses to stress in women after sexual and physical abuse in childhood. <i>JAMA - Journal of the American Medical Association</i> , 2000 , 284, 592-7	27.4	1357
132	The potential role of hypocortisolism in the pathophysiology of stress-related bodily disorders. <i>Psychoneuroendocrinology</i> , 2000 , 25, 1-35	5	1310
131	The link between childhood trauma and depression: insights from HPA axis studies in humans. <i>Psychoneuroendocrinology</i> , 2008 , 33, 693-710	5	1110
130	Association of FKBP5 polymorphisms and childhood abuse with risk of posttraumatic stress disorder symptoms in adults. <i>JAMA - Journal of the American Medical Association</i> , 2008 , 299, 1291-305	27.4	1014
129	Allele-specific FKBP5 DNA demethylation mediates gene-childhood trauma interactions. <i>Nature Neuroscience</i> , 2013 , 16, 33-41	25.5	1008
128	Childhood trauma associated with smaller hippocampal volume in women with major depression. <i>American Journal of Psychiatry</i> , 2002 , 159, 2072-80	11.9	631
127	Current research trends in early life stress and depression: review of human studies on sensitive periods, gene-environment interactions, and epigenetics. <i>Experimental Neurology</i> , 2012 , 233, 102-11	5.7	628
126	Differential responses to psychotherapy versus pharmacotherapy in patients with chronic forms of major depression and childhood trauma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 14293-6	11.5	584
125	Altered pituitary-adrenal axis responses to provocative challenge tests in adult survivors of childhood abuse. <i>American Journal of Psychiatry</i> , 2001 , 158, 575-81	11.9	584
124	Increased stress-induced inflammatory responses in male patients with major depression and increased early life stress. <i>American Journal of Psychiatry</i> , 2006 , 163, 1630-3	11.9	583
123	Influence of child abuse on adult depression: moderation by the corticotropin-releasing hormone receptor gene. <i>Archives of General Psychiatry</i> , 2008 , 65, 190-200		517
122	Neurobiological and psychiatric consequences of child abuse and neglect. <i>Developmental Psychobiology</i> , 2010 , 52, 671-90	3	415
121	Importance of studying the contributions of early adverse experience to neurobiological findings in depression. <i>Neuropsychopharmacology</i> , 2004 , 29, 641-8	8.7	406
120	The impact of early adverse experiences on brain systems involved in the pathophysiology of anxiety and affective disorders. <i>Biological Psychiatry</i> , 1999 , 46, 1509-22	7.9	402
119	The role of early adverse experience and adulthood stress in the prediction of neuroendocrine stress reactivity in women: a multiple regression analysis. <i>Depression and Anxiety</i> , 2002 , 15, 117-25	8.4	351

118	The dexamethasone/corticotropin-releasing factor test in men with major depression: role of childhood trauma. <i>Biological Psychiatry</i> , 2008 , 63, 398-405	7.9	270
117	Lifetime stress accelerates epigenetic aging in an urban, African American cohort: relevance of glucocorticoid signaling. <i>Genome Biology</i> , 2015 , 16, 266	18.3	234
116	Abuse-related posttraumatic stress disorder and alterations of the hypothalamic-pituitary-adrenal axis in women with chronic pelvic pain. <i>Psychosomatic Medicine</i> , 1998 , 60, 309-18	3.7	231
115	A short review on the psychoneuroimmunology of posttraumatic stress disorder: from risk factors to medical comorbidities. <i>Brain, Behavior, and Immunity</i> , 2011 , 25, 6-13	16.6	221
114	Neurobiology of early life stress: clinical studies. <i>Seminars in Clinical Neuropsychiatry</i> , 2002 , 7, 147-59		211
113	The effects of child abuse and neglect on cognitive functioning in adulthood. <i>Journal of Psychiatric Research</i> , 2012 , 46, 500-6	5.2	203
112	Sensitivity to intranasal oxytocin in adult men with early parental separation. <i>Biological Psychiatry</i> , 2007 , 61, 1109-11	7.9	200
111	Childhood trauma and risk for chronic fatigue syndrome: association with neuroendocrine dysfunction. <i>Archives of General Psychiatry</i> , 2009 , 66, 72-80		189
110	Effect of Childhood Trauma on Adult Depression and Neuroendocrine Function: Sex-Specific Moderation by CRH Receptor 1 Gene. <i>Frontiers in Behavioral Neuroscience</i> , 2009 , 3, 41	3.5	186
109	Chronic fatigue syndrome--a clinically empirical approach to its definition and study. <i>BMC Medicine</i> , 2005 , 3, 19	11.4	186
108	Decreased cortical representation of genital somatosensory field after childhood sexual abuse. <i>American Journal of Psychiatry</i> , 2013 , 170, 616-23	11.9	182
107	Neurobiology of posttraumatic stress disorder. <i>CNS Spectrums</i> , 2009 , 14, 13-24	1.8	170
106	Early adverse experience and risk for chronic fatigue syndrome: results from a population-based study. <i>Archives of General Psychiatry</i> , 2006 , 63, 1258-66		169
105	The role of early adverse life events in the etiology of depression and posttraumatic stress disorder. Focus on corticotropin-releasing factor. <i>Annals of the New York Academy of Sciences</i> , 1997 , 821, 194-207	6.5	154
104	Prevalence of chronic fatigue syndrome in metropolitan, urban, and rural Georgia. <i>Population Health Metrics</i> , 2007 , 5, 5	3	154
103	The effects of neonatal stress on brain development: implications for psychopathology. <i>Development and Psychopathology</i> , 1999 , 11, 545-65	4.3	152
102	Association between childhood maltreatment and adult emotional dysregulation in a low-income, urban, African American sample: moderation by oxytocin receptor gene. <i>Development and Psychopathology</i> , 2011 , 23, 439-52	4.3	147
101	Pituitary-adrenal responses to standard and low-dose dexamethasone suppression tests in adult survivors of child abuse. <i>Biological Psychiatry</i> , 2004 , 55, 10-20	7.9	147

100	Increased peripheral NF- κ B pathway activity in women with childhood abuse-related posttraumatic stress disorder. <i>Brain, Behavior, and Immunity</i> , 2012 , 26, 13-7	16.6	136
99	Maternal Systemic Interleukin-6 During Pregnancy Is Associated With Newborn Amygdala Phenotypes and Subsequent Behavior at 2 Years of Age. <i>Biological Psychiatry</i> , 2018 , 83, 109-119	7.9	133
98	Genome-wide DNA methylation levels and altered cortisol stress reactivity following childhood trauma in humans. <i>Nature Communications</i> , 2016 , 7, 10967	17.4	125
97	Decreased cortisol awakening response after early loss experience. <i>Psychoneuroendocrinology</i> , 2005 , 30, 568-76	5	125
96	Psychometric properties of the CDC Symptom Inventory for assessment of chronic fatigue syndrome. <i>Population Health Metrics</i> , 2005 , 3, 8	3	110
95	Intergenerational Transmission of Maternal Childhood Maltreatment Exposure: Implications for Fetal Brain Development. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2017 , 56, 373-382	7.2	101
94	Higher heart rate and reduced heart rate variability persist during sleep in chronic fatigue syndrome: a population-based study. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2007 , 137, 94-101	2.4	99
93	Attenuated morning salivary cortisol concentrations in a population-based study of persons with chronic fatigue syndrome and well controls. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008 , 93, 703-9	5.6	90
92	Intergenerational Effect of Maternal Exposure to Childhood Maltreatment on Newborn Brain Anatomy. <i>Biological Psychiatry</i> , 2018 , 83, 120-127	7.9	85
91	Neuroendocrine and immune contributors to fatigue. <i>PM and R</i> , 2010 , 2, 338-46	2.2	81
90	Effects of phenytoin on memory, cognition and brain structure in post-traumatic stress disorder: a pilot study. <i>Journal of Psychopharmacology</i> , 2005 , 19, 159-65	4.6	81
89	Alterations in diurnal salivary cortisol rhythm in a population-based sample of cases with chronic fatigue syndrome. <i>Psychosomatic Medicine</i> , 2008 , 70, 298-305	3.7	80
88	Association of hormonal contraceptive use with reduced levels of depressive symptoms: a national study of sexually active women in the United States. <i>American Journal of Epidemiology</i> , 2013 , 178, 1378-88	3.8	78
87	HPA axis reactivity and lymphocyte glucocorticoid sensitivity in fibromyalgia syndrome and chronic pelvic pain. <i>Psychosomatic Medicine</i> , 2008 , 70, 65-72	3.7	76
86	Addiction Research Consortium: Losing and regaining control over drug intake (ReCoDe)-From trajectories to mechanisms and interventions. <i>Addiction Biology</i> , 2020 , 25, e12866	4.6	70
85	Effects of Antenatal Maternal Depressive Symptoms and Socio-Economic Status on Neonatal Brain Development are Modulated by Genetic Risk. <i>Cerebral Cortex</i> , 2017 , 27, 3080-3092	5.1	67
84	Translating basic research knowledge on the biological embedding of early-life stress into novel approaches for the developmental programming of lifelong health. <i>Psychoneuroendocrinology</i> , 2019 , 105, 123-137	5	63
83	Oxytocin pathways in the intergenerational transmission of maternal early life stress. <i>Neuroscience and Biobehavioral Reviews</i> , 2017 , 73, 293-308	9	62

82	Cognitive dysfunction relates to subjective report of mental fatigue in patients with chronic fatigue syndrome. <i>Neuropsychopharmacology</i> , 2006 , 31, 1777-84	8.7	61
81	Gene-environment interactions and intermediate phenotypes: early trauma and depression. <i>Frontiers in Endocrinology</i> , 2014 , 5, 14	5.7	57
80	The low-dose dexamethasone suppression test in fibromyalgia. <i>Journal of Psychosomatic Research</i> , 2007 , 62, 85-91	4.1	54
79	Mental stress as consequence and cause of vision loss: the dawn of psychosomatic ophthalmology for preventive and personalized medicine. <i>EPMA Journal</i> , 2018 , 9, 133-160	8.8	52
78	Sleep characteristics of persons with chronic fatigue syndrome and non-fatigued controls: results from a population-based study. <i>BMC Neurology</i> , 2006 , 6, 41	3.1	51
77	Genetic evaluation of the serotonergic system in chronic fatigue syndrome. <i>Psychoneuroendocrinology</i> , 2008 , 33, 188-97	5	50
76	Psychiatric comorbidity in persons with chronic fatigue syndrome identified from the Georgia population. <i>Psychosomatic Medicine</i> , 2009 , 71, 557-65	3.7	47
75	Neural response to social rejection in children with early separation experiences. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2014 , 53, 1328-1337.e8	7.2	45
74	Treatment of posttraumatic stress disorder with phenytoin: an open-label pilot study. <i>Journal of Clinical Psychiatry</i> , 2004 , 65, 1559-64	4.6	44
73	Personality features and personality disorders in chronic fatigue syndrome: a population-based study. <i>Psychotherapy and Psychosomatics</i> , 2010 , 79, 312-8	9.4	43
72	Cumulative life stress in chronic fatigue syndrome. <i>Psychiatry Research</i> , 2011 , 189, 318-20	9.9	41
71	Cerebrospinal fluid corticotropin-releasing factor (CRF) and vasopressin concentrations predict pituitary response in the CRF stimulation test: a multiple regression analysis. <i>Neuropsychopharmacology</i> , 2003 , 28, 569-76	8.7	40
70	Perception versus polysomnographic assessment of sleep in CFS and non-fatigued control subjects: results from a population-based study. <i>BMC Neurology</i> , 2007 , 7, 40	3.1	37
69	Coping styles in people with chronic fatigue syndrome identified from the general population of Wichita, KS. <i>Journal of Psychosomatic Research</i> , 2006 , 60, 567-73	4.1	34
68	Stress and immunosenescence: The role of telomerase. <i>Psychoneuroendocrinology</i> , 2019 , 101, 87-100	5	31
67	Blunted cortisol stress reactivity in low-income children relates to lower memory function. <i>Psychoneuroendocrinology</i> , 2018 , 90, 110-121	5	29
66	Cardiovascular risk factor distribution and subjective risk estimation in urban women--the BEFRI study: a randomized cross-sectional study. <i>BMC Medicine</i> , 2015 , 13, 52	11.4	28
65	Orthostatic instability in a population-based study of chronic fatigue syndrome. <i>American Journal of Medicine</i> , 2005 , 118, 1415	2.4	28

64	Inflammatory Measures in Depressed Patients With and Without a History of Adverse Childhood Experiences. <i>Frontiers in Psychiatry</i> , 2018 , 9, 610	5	24
63	Assessing cortisol reactivity to a linguistic task as a marker of stress in individuals with left-hemisphere stroke and aphasia. <i>Journal of Speech, Language, and Hearing Research</i> , 2007 , 50, 493-507 ^{2,8}	2.8	22
62	Neurobiology of Early-Life Stress. <i>Psychiatric Annals</i> , 2003 , 33, 18-26	0.5	22
61	Impact of acute psychosocial stress on peripheral blood gene expression pathways in healthy men. <i>Biological Psychology</i> , 2009 , 82, 125-32	3.2	21
60	Measurement of cortisol in saliva: a comparison of measurement error within and between international academic-research laboratories. <i>BMC Research Notes</i> , 2017 , 10, 479	2.3	20
59	Gynecological history in chronic fatigue syndrome: a population-based case-control study. <i>Journal of Womens Health</i> , 2011 , 20, 21-8	3	19
58	Die deutsche Version des Early Trauma Inventory (ETI). <i>Diagnostica</i> , 2011 , 57, 27-38	0.8	19
57	Cerebral oligoemia episode triggers free radical formation and late cognitive deficiencies. <i>European Journal of Neuroscience</i> , 2000 , 12, 715-25	3.5	18
56	Psychoendocrinological observations in women with chronic pelvic pain. <i>Annals of the New York Academy of Sciences</i> , 1997 , 821, 456-8	6.5	16
55	Dynamic DNA methylation changes in the maternal oxytocin gene locus (OXT) during pregnancy predict postpartum maternal intrusiveness. <i>Psychoneuroendocrinology</i> , 2019 , 103, 156-162	5	16
54	Neural representation of maternal face processing: a functional magnetic resonance imaging study. <i>Canadian Journal of Psychiatry</i> , 2007 , 52, 726-34	4.8	14
53	Association between chronotype and body mass index: The role of C-reactive protein and the cortisol response to stress. <i>Psychoneuroendocrinology</i> , 2019 , 109, 104388	5	13
52	Altered Pituitary-Adrenal Axis Responses to Provocative Challenge Tests in Adult Survivors of Childhood Abuse. <i>Focus (American Psychiatric Publishing)</i> , 2003 , 1, 282-289	1.1	13
51	Effect of transient reduction of cerebral blood flow on membrane anisotropy and lipid peroxidation in different rat brain areas. <i>Neurochemistry International</i> , 1994 , 25, 161-8	4.4	13
50	Emotional availability in mothers with borderline personality disorder and mothers with remitted major depression is differently associated with psychopathology among school-aged children. <i>Journal of Affective Disorders</i> , 2018 , 231, 63-73	6.6	12
49	Childhood maltreatment is associated with increased risk of subclinical hypothyroidism in pregnancy. <i>Psychoneuroendocrinology</i> , 2017 , 84, 190-196	5	12
48	Stable longitudinal associations of family income with children's hippocampal volume and memory persist after controlling for polygenic scores of educational attainment. <i>Developmental Cognitive Neuroscience</i> , 2019 , 40, 100720	5.5	11
47	HPA axis reactivity in chronic pelvic pain: association with depression. <i>Journal of Psychosomatic Obstetrics and Gynaecology</i> , 2009 , 30, 282-6	3.6	11

46	The analysis system COGITAT for the study of cognitive deficiencies in rodents. <i>Behavior Research Methods</i> , 2000 , 32, 140-56		11
45	Regional prevalence of fatiguing illnesses in the United States before and after the terrorist attacks of September 11, 2001. <i>Psychosomatic Medicine</i> , 2004 , 66, 672-8	3.7	10
44	A Role of Oxytocin Receptor Gene Brain Tissue Expression Quantitative Trait Locus rs237895 in the Intergenerational Transmission of the Effects of Maternal Childhood Maltreatment. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2019 , 58, 1207-1216	7.2	9
43	Progressive degeneration of dopamine system functions after transient cerebral oligemia in rats. <i>Brain Research</i> , 1999 , 851, 235-46	3.7	9
42	Combined effects of genotype and childhood adversity shape variability of DNA methylation across age. <i>Translational Psychiatry</i> , 2021 , 11, 88	8.6	9
41	Child abuse potential in mothers with early life maltreatment, borderline personality disorder and depression. <i>British Journal of Psychiatry</i> , 2018 , 213, 412-418	5.4	9
40	Cognitive control moderates parenting stress effects on children's diurnal cortisol. <i>PLoS ONE</i> , 2018 , 13, e0191215	3.7	8
39	Immediate and longitudinal effects of maltreatment on systemic inflammation in young children. <i>Development and Psychopathology</i> , 2020 , 32, 1725-1731	4.3	8
38	Childhood adversity correlates with stable changes in DNA methylation trajectories in children and converges with epigenetic signatures of prenatal stress. <i>Neurobiology of Stress</i> , 2021 , 15, 100336	7.6	8
37	Hair cortisol concentrations are associated with hippocampal subregional volumes in children. <i>Scientific Reports</i> , 2020 , 10, 4865	4.9	6
36	Characterization in humans of leucocyte maximal telomerase activity capacity and association with stress. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018 , 373,	5.8	6
35	Differential neural activity and connectivity for processing one's own face: a preliminary report. <i>Psychiatry Research - Neuroimaging</i> , 2011 , 194, 130-40	2.9	6
34	Alterations of empathy in mothers with a history of early life maltreatment, depression, and borderline personality disorder and their effects on child psychopathology. <i>Psychological Medicine</i> , 2020 , 50, 1182-1190	6.9	6
33	Neonatal hippocampal volume moderates the effects of early postnatal enrichment on cognitive development. <i>Developmental Cognitive Neuroscience</i> , 2020 , 45, 100820	5.5	5
32	Chronic fatigue syndrome. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2012 , 106, 573-87	3	5
31	Tolerability of the dexamethasone-corticotropin releasing hormone test in major depressive disorder. <i>Journal of Psychiatric Research</i> , 2011 , 45, 24-8	5.2	5
30	Coping styles in chronic fatigue syndrome: findings from a population-based study. <i>Psychotherapy and Psychosomatics</i> , 2012 , 81, 127-9	9.4	4
29	Oxytocin and pair bonding: on possible influences during the life course. <i>Biological Psychiatry</i> , 2012 , 72, e3-4	7.9	3

28	Trauma and Depression360-381		3
27	Differential Responses to Psychotherapy Versus Pharmacotherapy in Patients With Chronic Forms of Major Depression and Childhood Trauma. <i>Focus (American Psychiatric Publishing)</i> , 2005 , 3, 131-135	1.1	3
26	Intergenerational transmission of childhood trauma? Testing cellular aging in mothers exposed to sexual abuse and their children. <i>Psychoneuroendocrinology</i> , 2020 , 120, 104781	5	3
25	The pediatric buccal epigenetic clock identifies significant ageing acceleration in children with internalizing disorder and maltreatment exposure. <i>Neurobiology of Stress</i> , 2021 , 15, 100394	7.6	3
24	Psychobiological Consequences of Child Maltreatment. <i>Child Maltreatment Solutions Network</i> , 2018 , 15-30	0.6	2
23	Keyes et Al. Respond to "hormonal contraception and mood". <i>American Journal of Epidemiology</i> , 2013 , 178, 1392-3	3.8	2
22	The neuroendocrine effects of early life trauma157-165		2
21	Assembling a cohort for in-depth, longitudinal assessments of the biological embedding of child maltreatment: Methods, complexities, and lessons learned. <i>Development and Psychopathology</i> , 2021 , 33, 394-408	4.3	2
20	The association between history of prenatal loss and maternal psychological state in a subsequent pregnancy: an ecological momentary assessment (EMA) study. <i>Psychological Medicine</i> , 2021 , 1-11	6.9	2
19	The challenge of ascertainment of exposure to childhood maltreatment: Issues and considerations. <i>Psychoneuroendocrinology</i> , 2021 , 125, 105102	5	2
18	Prospective association of maternal psychosocial stress in pregnancy with newborn hippocampal volume and implications for infant social-emotional development. <i>Neurobiology of Stress</i> , 2021 , 15, 100368	7.6	2
17	Die Bedeutung früher traumatischer Lebenserfahrungen. <i>InFo Neurologie & Psychiatrie</i> , 2016 , 18, 30-40	0	1
16	New perspective on chronic fatigue syndrome: lessons from developmental neuroscience. <i>Future Neurology</i> , 2009 , 4, 377-381	1.5	1
15	Trauma Spectrum Disorders 2006 , 1203-1210		1
14	Exposure to childhood maltreatment and systemic inflammation across pregnancy: The moderating role of depressive symptomatology.. <i>Brain, Behavior, and Immunity</i> , 2022 , 101, 397-409	16.6	1
13	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. <i>PLoS ONE</i> , 2021 , 16, e0256323	3.7	1
12	Effects of stress on 6- and 7-year-old children's emotional memory differs by gender. <i>Journal of Experimental Child Psychology</i> , 2020 , 199, 104924	2.3	1
11	Transmission of the adverse consequences of childhood maltreatment across generations: Focus on gestational biology.. <i>Pharmacology Biochemistry and Behavior</i> , 2022 , 215, 173372	3.9	1

10	Longitudinal developmental trajectories do not follow cross-sectional age associations in hippocampal subfield and memory development.. <i>Developmental Cognitive Neuroscience</i> , 2022 , 54, 101085	5.5	1
9	Sensory-Tactile Functional Mapping and Use-Associated Structural Variation of the Human Female Genital Representation Field.. <i>Journal of Neuroscience</i> , 2021 ,	6.6	1
8	Obesity and accelerated epigenetic aging in a high-risk cohort of children.. <i>Scientific Reports</i> , 2022 , 12, 8328	4.9	1
7	Stress Neurobiology and Developmental Psychopathology 2016 , 1-45		0
6	Flammer Syndrome: Psychological Causes and Consequences of Visual Impairment. <i>Advances in Predictive, Preventive and Personalised Medicine</i> , 2019 , 29-77	0.4	0
5	Neurobiologische Folgen früher Stresserfahrungen 2020 , 181-202		0
4	Elevated inflammatory markers in women with remitted major depressive disorder and the role of early life maltreatment. <i>Brain, Behavior, and Immunity</i> , 2021 , 97, 219-225	16.6	0
3	Ambulatory assessment for precision psychiatry: Foundations, current developments and future avenues. <i>Experimental Neurology</i> , 2021 , 345, 113807	5.7	0
2	Loss and Deprivation: From Animal Models to Clinical Presentation 2005 , 689-714		
1	Relationship between Borderline Personality Disorder, Emotional Availability, and Cortisol Output in Mother-Child Dyads.. <i>Psychopathology</i> , 2022 , 1-12	3.4	