## Jens C Pruessner

List of Publications by Year in descending order

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		20759	13338
133	18,119	60	130
papers	citations	h-index	g-index
137	137	137	19565
all docs	docs citations	times ranked	citing authors

#	Article	IF	CITATIONS
1	The Hippocampal–Ventral Medial Prefrontal Cortex Neurocircuitry Involvement in the Association of Daily Life Stress With Acute Perceived Stress and Cortisol Responses. Psychosomatic Medicine, 2022, 84, 276-287.	1.3	7
2	Selective effects of psychosocial stress on plan based movement selection. Scientific Reports, 2022, 12, 5401.	1.6	1
3	Probiotic Mixture Containing Lactobacillus helveticus, Bifidobacterium longum and Lactiplantibacillus plantarum Affects Brain Responses to an Arithmetic Stress Task in Healthy Subjects: A Randomised Clinical Trial and Proof-of-Concept Study. Nutrients, 2022, 14, 1329.	1.7	13
4	The social transmission of stress in animal collectives. Proceedings of the Royal Society B: Biological Sciences, 2022, 289, 20212158.	1.2	10
5	Validation of an online version of the trier social stress test in adult men and women. Psychoneuroendocrinology, 2022, 142, 105818.	1.3	4
6	Laughter yoga reduces the cortisol response to acute stress in healthy individuals. Stress, 2021, 24, 44-52.	0.8	15
7	Interaction of FKBP5 variant rs3800373 and city living alters the neural stress response in the anterior cingulate cortex. Stress, 2021, 24, 1-9.	0.8	4
8	The impact of maternal care and blood glucose availability on the cortisol stress response in fasted women. Journal of Neural Transmission, 2021, 128, 1287-1300.	1.4	7
9	The repeated Montreal Imaging Stress Test (rMIST): Testing habituation, sensitization, and anticipation effects to repeated stress induction. Psychoneuroendocrinology, 2021, 128, 105217.	1.3	4
10	Acute Stress-Induced Blood Lipid Reactivity in Hypertensive and Normotensive Men and Prospective Associations with Future Cardiovascular Risk. Journal of Clinical Medicine, 2021, 10, 3400.	1.0	5
11	Effects of psychological, sensory, and metabolic energy prime manipulation on the acute endocrine stress response in fasted women. Psychoneuroendocrinology, 2021, 134, 105452.	1.3	5
12	Brain Marker Links Stress and Nicotine Abstinence. Nicotine and Tobacco Research, 2020, 22, 885-891.	1.4	7
13	Stressâ€induced cortical dopamine response is altered in subjects at clinical high risk for psychosis using cannabis. Addiction Biology, 2020, 25, e12812.	1.4	9
14	Standardized massage interventions as protocols for the induction of psychophysiological relaxation in the laboratory: a block randomized, controlled trial. Scientific Reports, 2020, 10, 14774.	1.6	13
15	The effects of suppressing the biological stress systems on social threat-assessment following acute stress. Psychopharmacology, 2020, 237, 3047-3056.	1.5	5
16	Stressed connections: cortisol levels following acute psychosocial stress disrupt affiliative mimicry in humans. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20192941.	1.2	7
17	Acute Stress Reduces the Social Amplification of Risk Perception. Scientific Reports, 2020, 10, 7845.	1.6	13
18	Systematic manipulations of the biological stress systems result in sex-specific compensatory stress responses and negative mood outcomes. Neuropsychopharmacology, 2020, 45, 1672-1680.	2.8	19

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19	Risk and Resilience in an Acute Stress Paradigm: Evidence From Salivary Cortisol and Time-Frequency Analysis of the Reward Positivity. Clinical Psychological Science, 2020, 8, 872-889.	2.4	21
20	Working Memory Performance Under Stress. Experimental Psychology, 2020, 67, 132-139.	0.3	7
21	The effects of voice content on stress reactivity: A simulation paradigm of auditory verbal hallucinations. Schizophrenia Research, 2019, , .	1.1	3
22	Relationship between d $ ilde{A}$ ©j $ ilde{A}$ vu experiences and recognition-memory impairments in temporal-lobe epilepsy. Memory, 2019, 29, 1-11.	0.9	5
23	Changes in self-esteem and chronic disease across adulthood: A 16-year longitudinal analysis. Social Science and Medicine, 2019, 242, 112600.	1.8	8
24	The hippocampal-to-ventricle ratio (HVR): Presentation of a manual segmentation protocol and preliminary evidence. NeuroImage, 2019, 203, 116108.	2.1	5
25	Larger Amygdala Volume Mediates the Association Between Prenatal Maternal Stress and Higher Levels of Externalizing Behaviors: Sex Specific Effects in Project Ice Storm. Frontiers in Human Neuroscience, 2019, 13, 144.	1.0	58
26	The duration of the cortisol awakening pulse exceeds sixty minutes in a meaningful pattern. Psychoneuroendocrinology, 2019, 105, 187-194.	1.3	8
27	Post-learning stress reduces the misinformation effect: effects of psychosocial stress on memory updating. Psychoneuroendocrinology, 2019, 102, 164-171.	1.3	7
28	Neurobiological Correlates and Predictors of Two Distinct Personality Trait Pathways to Escalated Alcohol Use. EBioMedicine, 2018, 27, 86-93.	2.7	6
29	Conceptual endophenotypes: A strategy to advance the impact of psychoneuroendocrinology in precision medicine. Psychoneuroendocrinology, 2018, 89, 147-160.	1.3	22
30	Sexual orientation moderates the association between parental overprotection and stress biomarker profiles. Psychology and Sexuality, 2018, 9, 204-220.	1.3	6
31	Mindfulness-based resilience training to reduce health risk, stress reactivity, and aggression among law enforcement officers: A feasibility and preliminary efficacy trial. Psychiatry Research, 2018, 264, 104-115.	1.7	105
32	Interdependent self-construal, social evaluative threat and subjective, cardiovascular and neuroendocrine stress response in Chinese. Hormones and Behavior, 2018, 106, 112-121.	1.0	10
33	The EADC-ADNI harmonized protocol for hippocampal segmentation: AÂvalidation study. NeuroImage, 2018, 181, 142-148.	2.1	7
34	Endurance- and Resistance-Trained Men Exhibit Lower Cardiovascular Responses to Psychosocial Stress Than Untrained Men. Frontiers in Psychology, 2018, 9, 852.	1.1	13
35	The dynamic interplay between acute psychosocial stress, emotion and autobiographical memory. Scientific Reports, 2018, 8, 8684.	1.6	10
36	Response to editor to the comment by Bastin and Besson (2016) to our article entitled "Selective familiarity deficits in otherwise cognitively intact aging individuals with genetic risk for Alzheimer's disease― Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2017, 6, 62-64.	1.2	1

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37	Suppressing the endocrine and autonomic stress systems does not impact the emotional stress experience after psychosocial stress. Psychoneuroendocrinology, 2017, 78, 125-130.	1.3	52
38	A comparison of accurate automatic hippocampal segmentation methods. NeuroImage, 2017, 155, 383-393.	2.1	35
39	Sex differences in salivary cortisol reactivity to the Trier Social Stress Test (TSST): A meta-analysis. Psychoneuroendocrinology, 2017, 82, 26-37.	1.3	183
40	Familiarity deficits in cognitively normal aging individuals with APOE ε4: A followâ€up investigation of medial temporal lobe structural correlates. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2017, 9, 21-24.	1.2	4
41	Impact of self-esteem and sex on stress reactions. Scientific Reports, 2017, 7, 17210.	1.6	50
42	Frequency of Penile–Vaginal Intercourse is Associated with Verbal Recognition Performance in Adult Women. Archives of Sexual Behavior, 2017, 46, 441-453.	1.2	8
43	A harmonized segmentation protocol for hippocampal and parahippocampal subregions: Why do we need one and what are the key goals?. Hippocampus, 2017, 27, 3-11.	0.9	130
44	Testing the ecological validity of the Trier Social Stress Test: Association with real-life exam stress. Psychoneuroendocrinology, 2017, 75, 52-55.	1.3	48
45	Physiological adaptations to chronic stress in healthy humans – why might the sexes have evolved different energy utilisation strategies?. Journal of Physiology, 2016, 594, 4297-4307.	1.3	13
46	Examining cortical thickness in male and female DWI offenders. Neuroscience Letters, 2016, 619, 189-195.	1.0	4
47	Nicotine withdrawal alters neural responses to psychosocial stress. Psychopharmacology, 2016, 233, 2459-2467.	1.5	20
48	Gonads and strife: Sex hormones vary according to sexual orientation for women and stress indices for both sexes. Psychoneuroendocrinology, 2016, 72, 119-130.	1.3	30
49	Sex and Gender Roles in Relation to Mental Health and Allostatic Load. Psychosomatic Medicine, 2016, 78, 788-804.	1.3	93
50	Selective familiarity deficits in otherwise cognitively intact aging individuals with genetic risk for Alzheimer's disease. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2016, 2, 132-139.	1.2	9
51	Dissociating patterns of anterior and posterior hippocampal activity and connectivity during distinct forms of category fluency. Neuropsychologia, 2016, 90, 148-158.	0.7	33
52	Hippocampus and amygdala volumes from magnetic resonance images in children: Assessing accuracy of FreeSurfer and FSL against manual segmentation. NeuroImage, 2016, 129, 1-14.	2.1	128
53	Sex hormones adjust "sex-specific―reactive and diurnal cortisol profiles. Psychoneuroendocrinology, 2016, 63, 282-290.	1.3	84
54	Assessment of the cortisol awakening response: Expert consensus guidelines. Psychoneuroendocrinology, 2016, 63, 414-432.	1.3	727

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55	Early-Life Stress Affects Stress-Related Prefrontal Dopamine Activity in Healthy Adults, but Not in Individuals with Psychotic Disorder. PLoS ONE, 2016, 11, e0150746.	1.1	16
56	Summary cortisol reactivity indicators: Interrelations and meaning. Neurobiology of Stress, 2015, 2, 34-43.	1.9	110
57	Sex Differences in the Personality and Cognitive Characteristics of First-Time DWI Offenders. Journal of Studies on Alcohol and Drugs, 2015, 76, 928-934.	0.6	17
58	Reduced hippocampal volume and hypothalamus–pituitary–adrenal axis function in first episode psychosis: Evidence for sex differences. NeuroImage: Clinical, 2015, 7, 195-202.	1.4	43
59	Structural imaging biomarkers of Alzheimer's disease: predicting disease progression. Neurobiology of Aging, 2015, 36, S23-S31.	1.5	101
60	Quantitative comparison of 21 protocols for labeling hippocampal subfields and parahippocampal subregions in in vivo MRI: Towards a harmonized segmentation protocol. NeuroImage, 2015, 111, 526-541.	2.1	284
61	The EADCâ€ADNI Harmonized Protocol for manual hippocampal segmentation on magnetic resonance: Evidence of validity. Alzheimer's and Dementia, 2015, 11, 111-125.	0.4	162
62	n-Back task performance and corresponding brain-activation patterns in women with restrictive and bulimic eating-disorder variants: Preliminary findings. Psychiatry Research - Neuroimaging, 2015, 232, 84-91.	0.9	11
63	Sexual Orientation Modulates Endocrine Stress Reactivity. Biological Psychiatry, 2015, 77, 668-676.	0.7	80
64	Relationship between hippocampal atrophy and neuropathology markers: A 7T MRI validation study of the EADCâ€ADNI HarmonizedÂHippocampal Segmentation Protocol. Alzheimer's and Dementia, 2015, 11, 139-150.	0.4	61
65	Delphi definition of the EADCâ€ADNI Harmonized Protocol for hippocampal segmentation on magnetic resonance. Alzheimer's and Dementia, 2015, 11, 126-138.	0.4	123
66	Estradiol levels modulate brain activity and negative responses to psychosocial stress across the menstrual cycle. Psychoneuroendocrinology, 2015, 59, 14-24.	1.3	152
67	Lower Cortisol Activity is Associated with First-Time Driving while Impaired. Substance Abuse: Research and Treatment, 2015, 9, SART.S21353.	0.5	5
68	Amygdala–Hippocampal Connectivity Changes During Acute Psychosocial Stress: Joint Effect of Early Life Stress and Oxytocin. Neuropsychopharmacology, 2015, 40, 2736-2744.	2.8	60
69	Blunted endocrine and cardiovascular reactivity in young healthy women reporting a history of childhood adversity. Psychoneuroendocrinology, 2015, 51, 58-67.	1.3	117
70	Biological Aspects of Self-Esteem and Stress. , 2015, , 385-395.		2
71	Early life stress modulates oxytocin effects on limbic system during acute psychosocial stress. Social Cognitive and Affective Neuroscience, 2014, 9, 1828-1835.	1.5	80
72	IC-P-150: A UNIFIED ASSESSMENT OF FULLY AUTOMATED HIPPOCAMPUS SEGMENTATION METHODS. , 2014, 1 P86-P86.	0,	2

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73	Psychological, endocrine and neural responses to social evaluation in subclinical depression. Social Cognitive and Affective Neuroscience, 2014, 9, 1632-1644.	1.5	36
74	Reconsolidation of Human Memory: Brain Mechanisms and Clinical Relevance. Biological Psychiatry, 2014, 76, 274-280.	0.7	195
75	Early life stress modulates amygdalaâ€prefrontal functional connectivity: Implications for oxytocin effects. Human Brain Mapping, 2014, 35, 5328-5339.	1.9	106
76	Neuropathology of stress. Acta Neuropathologica, 2014, 127, 109-135.	3.9	331
77	Acute psychosocial stress reduces pain modulation capabilities in healthy men. Pain, 2014, 155, 2418-2425.	2.0	67
78	Recollection and Familiarity in Aging Individuals with Mild Cognitive Impairment and Alzheimer's Disease: A Literature Review. Neuropsychology Review, 2014, 24, 313-331.	2.5	63
79	Multi-atlas segmentation of the whole hippocampus and subfields using multiple automatically generated templates. NeuroImage, 2014, 101, 494-512.	2.1	322
80	Intraoperative Maintenance of Normoglycemia with Insulin and Glucose Preserves Verbal Learning after Cardiac Surgery. PLoS ONE, 2014, 9, e99661.	1.1	19
81	Association between subjective and cortisol stress response depends on the menstrual cycle phase. Psychoneuroendocrinology, 2013, 38, 3155-3159.	1.3	66
82	Blunted cortisol awakening response in men with first episode psychosis: Relationship to parental bonding. Psychoneuroendocrinology, 2013, 38, 229-240.	1.3	52
83	Attenuated cortisol response to acute psychosocial stress in individuals at ultra-high risk for psychosis. Schizophrenia Research, 2013, 146, 79-86.	1.1	92
84	Reflections on the interaction of psychogenic stress systems in humans: The stress coherence/compensation model. Psychoneuroendocrinology, 2013, 38, 947-961.	1.3	69
85	Decreased Cortical Representation of Genital Somatosensory Field After Childhood Sexual Abuse. American Journal of Psychiatry, 2013, 170, 616-623.	4.0	261
86	Effects of self-esteem on electrophysiological correlates of easy and difficult math. Neurocase, 2013, 19, 470-477.	0.2	3
87	The Combined Propranolol/TSST Paradigm – A New Method for Psychoneuroendocrinology. PLoS ONE, 2013, 8, e57567.	1.1	35
88	Scoring by nonlocal image patch estimator for early detection of Alzheimer's disease. NeuroImage: Clinical, 2012, 1, 141-152.	1.4	104
89	Increased Stress-Induced Dopamine Release in Psychosis. Biological Psychiatry, 2012, 71, 561-567.	0.7	222
90	The Combined Dexamethasone/TSST Paradigm – A New Method for Psychoneuroendocrinology. PLoS ONE, 2012, 7, e38994.	1.1	32

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91	The salivary alpha amylase over cortisol ratio as a marker to assess dysregulations of the stress systems. Physiology and Behavior, 2012, 106, 65-72.	1.0	161
92	Changes in the cortisol awakening response (CAR) following participation in Mindfulness-Based Stress Reduction in women who completed treatment for breast cancer. Complementary Therapies in Clinical Practice, 2011, 17, 65-70.	0.7	76
93	Developmental changes in adolescents' neural response to challenge. Developmental Cognitive Neuroscience, 2011, 1, 560-569.	1.9	17
94	Psychosocial stress is associated with in vivo dopamine release in human ventromedial prefrontal cortex: A positron emission tomography study using [18F]fallypride. NeuroImage, 2011, 58, 1081-1089.	2.1	95
95	Limbic response to psychosocial stress in schizotypy: A functional magnetic resonance imaging study. Schizophrenia Research, 2011, 131, 184-191.	1.1	39
96	Patch-based segmentation using expert priors: Application to hippocampus and ventricle segmentation. NeuroImage, 2011, 54, 940-954.	2.1	692
97	City living and urban upbringing affect neural social stress processing in humans. Nature, 2011, 474, 498-501.	13.7	1,189
98	New directions in psychoneuroendocrinology: from methods to applications. Expert Review of Endocrinology and Metabolism, 2011, 6, 769-771.	1.2	0
99	Survey of Protocols for the Manual Segmentation of the Hippocampus: Preparatory Steps Towards a Joint EADC-ADNI Harmonized Protocol. Journal of Alzheimer's Disease, 2011, 26, 61-75.	1.2	125
100	Association between Cold Face Testâ€induced vagal inhibition and cortisol response to acute stress. Psychophysiology, 2011, 48, 420-429.	1.2	36
101	Investigation into the cross-correlation of salivary cortisol and alpha-amylase responses to psychological stress. Psychoneuroendocrinology, 2011, 36, 1294-1302.	1.3	164
102	Hippocampal activation during a cognitive task is associated with subsequent neuroendocrine and cognitive responses to psychological stress. Hippocampus, 2010, 20, 323-334.	0.9	58
103	Group differences in anterior hippocampal volume and in the retrieval of spatial and temporal context memory in healthy young versus older adults. Neuropsychologia, 2010, 48, 4020-4030.	0.7	65
104	Stress regulation in the central nervous system: evidence from structural and functional neuroimaging studies in human populations - 2008 Curt Richter Award Winner. Psychoneuroendocrinology, 2010, 35, 179-191.	1.3	267
105	Adult attachment insecurity and hippocampal cell density. Social Cognitive and Affective Neuroscience, 2010, 5, 39-47.	1.5	57
106	Perceived early-life maternal care and the cortisol response to repeated psychosocial stress. Journal of Psychiatry and Neuroscience, 2010, 35, 370-377.	1.4	64
107	Towards accurate, automatic segmentation of the hippocampus and amygdala from MRI by augmenting ANIMAL with a template library and label fusion. NeuroImage, 2010, 52, 1355-1366.	2.1	215
108	Neural correlates of processing stressful information: An event-related fMRI study. Brain Research, 2009, 1293, 49-60.	1.1	146

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109	An acute psychosocial stress enhances the neural response to smoking cues. Brain Research, 2009, 1293, 40-48.	1.1	74
110	The brain and the stress axis: The neural correlates of cortisol regulation in response to stress. NeuroImage, 2009, 47, 864-871.	2.1	507
111	What Stress Does to Your Brain: A Review of Neuroimaging Studies. Canadian Journal of Psychiatry, 2009, 54, 6-15.	0.9	197
112	The role of sex and gender socialization in stress reactivity Developmental Psychology, 2009, 45, 45-55.	1.2	126
113	HPA system regulation and adult attachment anxiety: Individual differences in reactive and awakening cortisol. Psychoneuroendocrinology, 2008, 33, 581-590.	1.3	165
114	Sex differences in the cortisol response to awakening in recent onset psychosis. Psychoneuroendocrinology, 2008, 33, 1151-1154.	1.3	36
115	Deactivation of the Limbic System During Acute Psychosocial Stress: Evidence from Positron Emission Tomography and Functional Magnetic Resonance Imaging Studies. Biological Psychiatry, 2008, 63, 234-240.	0.7	516
116	Hippocampal volumes are larger in postmenopausal women using estrogen therapy compared to past users, never users and men: A possible window of opportunity effect. Neurobiology of Aging, 2008, 29, 95-101.	1.5	121
117	Impaired familiarity with preserved recollection after anterior temporal-lobe resection that spares the hippocampus. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 16382-16387.	3.3	285
118	Maternal Care Modulates the Relationship between Prenatal Risk and Hippocampal Volume in Women But Not in Men. Journal of Neuroscience, 2007, 27, 2592-2595.	1.7	182
119	The associations among hippocampal volume, cortisol reactivity, and memory performance in healthy young men. Psychiatry Research - Neuroimaging, 2007, 155, 1-10.	0.9	120
120	Focal Decline of Cortical Thickness in Alzheimer's Disease Identified by Computational Neuroanatomy. Cerebral Cortex, 2005, 15, 995-1001.	1.6	390
121	Hippocampal shape analysis using medial surfaces. NeuroImage, 2005, 25, 1077-1089.	2.1	93
122	Self-esteem, locus of control, hippocampal volume, and cortisol regulation in young and old adulthood. NeuroImage, 2005, 28, 815-826.	2.1	260
123	The Montreal Imaging Stress Task: using functional imaging to investigate the effects of perceiving and processing psychosocial stress in the human brain. Journal of Psychiatry and Neuroscience, 2005, 30, 319-25.	1.4	345
124	Effects of Self-Esteem on Age-Related Changes in Cognition and the Regulation of the Hypothalamic-Pituitary-Adrenal Axis. Annals of the New York Academy of Sciences, 2004, 1032, 186-194.	1.8	39
125	Dopamine Release in Response to a Psychological Stress in Humans and Its Relationship to Early Life Maternal Care: A Positron Emission Tomography Study Using [11C]Raclopride. Journal of Neuroscience, 2004, 24, 2825-2831.	1.7	622
126	Two formulas for computation of the area under the curve represent measures of total hormone concentration versus time-dependent change. Psychoneuroendocrinology, 2003, 28, 916-931.	1.3	2,979

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127	Self-Reported Depressive Symptoms and Stress Levels in Healthy Young Men: Associations With the Cortisol Response to Awakening. Psychosomatic Medicine, 2003, 65, 92-99.	1.3	346
128	Volumetry of Temporopolar, Perirhinal, Entorhinal and Parahippocampal Cortex from High-resolution MR Images: Considering the Variability of the Collateral Sulcus. Cerebral Cortex, 2002, 12, 1342-1353.	1.6	282
129	Glucocorticoids and hippocampal atrophy after heart transplantation. Annals of Thoracic Surgery, 2002, 73, 1965-1967.	0.7	16
130	Regional Frontal Cortical Volumes Decrease Differentially in Aging: An MRI Study to Compare Volumetric Approaches and Voxel-Based Morphometry. NeuroImage, 2002, 17, 657-669.	2.1	345
131	Low self-esteem, induced failure and the adrenocortical stress response. Personality and Individual Differences, 1999, 27, 477-489.	1.6	159
132	Burnout, Perceived Stress, and Cortisol Responses to Awakening. Psychosomatic Medicine, 1999, 61, 197-204.	1.3	641
133	Increasing correlations between personality traits and cortisol stress responses obtained by data	1.3	199