

Hartmut SchÄœchinger

List of Publications by Year in descending order

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Version: 2024-02-01

133
papers

6,467
citations

81839

39
h-index

71651

76
g-index

134
all docs

134
docs citations

134
times ranked

6918
citing authors

#	ARTICLE	IF	CITATIONS
1	Calcitonin precursors are reliable markers of sepsis in a medical intensive care unit. <i>Critical Care Medicine</i> , 2000, 28, 977-983.	0.4	559
2	HPA axis activation by a socially evaluated cold-pressor test. <i>Psychoneuroendocrinology</i> , 2008, 33, 890-895.	1.3	535
3	Stress modulates the use of spatial versus stimulus-response learning strategies in humans. <i>Learning and Memory</i> , 2007, 14, 109-116.	0.5	253
4	Post-learning intranasal oxytocin modulates human memory for facial identity. <i>Psychoneuroendocrinology</i> , 2008, 33, 368-374.	1.3	222
5	Chronic stress modulates the use of spatial and stimulus-response learning strategies in mice and man. <i>Neurobiology of Learning and Memory</i> , 2008, 90, 495-503.	1.0	193
6	Corticosteroids Operate as a Switch between Memory Systems. <i>Journal of Cognitive Neuroscience</i> , 2010, 22, 1362-1372.	1.1	189
7	The relation of flow-experience and physiological arousal under stress – Can u shape it?. <i>Journal of Experimental Social Psychology</i> , 2014, 53, 62-69.	1.3	167
8	Effect of water deprivation on cognitive-motor performance in healthy men and women. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2005, 289, R275-R280.	0.9	165
9	Effects of pre-learning stress on memory for neutral, positive and negative words: Different roles of cortisol and autonomic arousal. <i>Neurobiology of Learning and Memory</i> , 2008, 90, 44-53.	1.0	165
10	Relevance of Stress and Female Sex Hormones for Emotion and Cognition. <i>Cellular and Molecular Neurobiology</i> , 2012, 32, 725-735.	1.7	163
11	Stability of heart rate variability indices reflecting parasympathetic activity. <i>Psychophysiology</i> , 2012, 49, 672-682.	1.2	144
12	Reduced parasympathetic cardiac control in patients with hypertension at rest and under mental stress. <i>American Heart Journal</i> , 1994, 127, 122-128.	1.2	138
13	Neural Processing of Auditory Looming in the Human Brain. <i>Current Biology</i> , 2002, 12, 2147-2151.	1.8	131
14	Rising Sound Intensity: An Intrinsic Warning Cue Activating the Amygdala. <i>Cerebral Cortex</i> , 2008, 18, 145-150.	1.6	131
15	Cardiovascular Indices of Peripheral and Central Sympathetic Activation. <i>Psychosomatic Medicine</i> , 2001, 63, 788-796.	1.3	126
16	For whom the bell (curve) tolls: Cortisol rapidly affects memory retrieval by an inverted U-shaped dose-response relationship. <i>Psychoneuroendocrinology</i> , 2013, 38, 1565-1572.	1.3	108
17	Testing the cumulative stress and mismatch hypotheses of psychopathology in a rat model of early-life adversity. <i>Physiology and Behavior</i> , 2012, 106, 707-721.	1.0	101
18	Disordered calcium homeostasis of sepsis: association with calcitonin precursors. <i>European Journal of Clinical Investigation</i> , 2000, 30, 823-831.	1.7	97

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19	Making sense of what you sense: Disentangling interoceptive awareness, sensibility and accuracy. <i>International Journal of Psychophysiology</i> , 2016, 109, 71-80.	0.5	93
20	Cold pressor stress induces opposite effects on cardioceptive accuracy dependent on assessment paradigm. <i>Biological Psychology</i> , 2013, 93, 167-174.	1.1	90
21	Stress effects on declarative memory retrieval are blocked by a $\hat{1}^2$ -adrenoceptor antagonist in humans. <i>Psychoneuroendocrinology</i> , 2009, 34, 446-454.	1.3	82
22	Ten years of research with the Socially Evaluated Cold Pressor Test: Data from the past and guidelines for the future. <i>Psychoneuroendocrinology</i> , 2018, 92, 155-161.	1.3	80
23	Altered Patterns of Heartbeat-Evoked Potentials in Depersonalization/Derealization Disorder. <i>Psychosomatic Medicine</i> , 2015, 77, 506-516.	1.3	76
24	Intranasal insulin attenuates the hypothalamicâ€“pituitaryâ€“adrenal axis response to psychosocial stress. <i>Psychoneuroendocrinology</i> , 2008, 33, 1394-1400.	1.3	73
25	Striking Discrepancy of Anomalous Body Experiences with Normal Interoceptive Accuracy in Depersonalization-Derealization Disorder. <i>PLoS ONE</i> , 2014, 9, e89823.	1.1	70
26	Effect of P-glycoprotein modulation on the clinical pharmacokinetics and adverse effects of morphine. <i>British Journal of Clinical Pharmacology</i> , 2000, 50, 237-246.	1.1	69
27	Randomized Controlled Clinical Trial of Blood Glucose Awareness Training (BGAT III) in Switzerland and Germany. <i>Journal of Behavioral Medicine</i> , 2005, 28, 587-594.	1.1	69
28	Intranasal insulin increases regional cerebral blood flow in the insular cortex in men independently of cortisol manipulation. <i>Human Brain Mapping</i> , 2014, 35, 1944-1956.	1.9	66
29	Angiotensin II Decreases the Renal MRI Blood Oxygenation Levelâ€“Dependent Signal. <i>Hypertension</i> , 2006, 47, 1062-1066.	1.3	59
30	Modulation of spatial and stimulusâ€“response learning strategies by exogenous cortisol in healthy young women. <i>Psychoneuroendocrinology</i> , 2009, 34, 358-366.	1.3	58
31	Cortisol rapidly affects amplitudes of heartbeat-evoked brain potentialsâ€“Implications for the contribution of stress to an altered perception of physical sensations?. <i>Psychoneuroendocrinology</i> , 2013, 38, 2686-2693.	1.3	58
32	Increased basal mechanical pain sensitivity but decreased perceptual wind-up in a human model of relative hypocortisolism. <i>Pain</i> , 2010, 149, 539-546.	2.0	57
33	Examining the Behaviour subscale of the Hypoglycaemia Fear Survey: an international study. <i>Diabetic Medicine</i> , 2013, 30, 603-609.	1.2	57
34	Stress impairs spatial but not early stimulusâ€“response learning. <i>Behavioural Brain Research</i> , 2010, 213, 50-55.	1.2	49
35	Proinflammatory T Cell Status Associated with Early Life Adversity. <i>Journal of Immunology</i> , 2017, 199, 4046-4055.	0.4	47
36	Hemodynamic response patterns to mental stress: Diagnostic and therapeutic implications. <i>American Heart Journal</i> , 1988, 116, 617-627.	1.2	45

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37	T Cell Immunosenescence after Early Life Adversity: Association with Cytomegalovirus Infection. <i>Frontiers in Immunology</i> , 2017, 8, 1263.	2.2	45
38	The cardiovascular and hypothalamus-pituitary-adrenal axis response to stress is controlled by glucocorticoid receptor sequence variants and promoter methylation. <i>Clinical Epigenetics</i> , 2016, 8, 12.	1.8	41
39	Hopelessness Is Associated With Decreased Heart Rate Variability During Championship Chess Games. <i>Psychosomatic Medicine</i> , 2003, 65, 658-661.	1.3	40
40	Tune It Down to Live It Up? Rapid, Nongenomic Effects of Cortisol on the Human Brain. <i>Journal of Neuroscience</i> , 2012, 32, 616-625.	1.7	39
41	Cortisol effects on flow-experience. <i>Psychopharmacology</i> , 2015, 232, 1165-1173.	1.5	39
42	Short-term food deprivation increases amplitudes of heartbeat-evoked potentials. <i>Psychophysiology</i> , 2015, 52, 695-703.	1.2	37
43	Cardiac cycle time effects on selection efficiency in vision. <i>Psychophysiology</i> , 2016, 53, 1702-1711.	1.2	37
44	Reduced vagal activity in salt-sensitive subjects during mental challenge. <i>American Journal of Hypertension</i> , 2003, 16, 531-536.	1.0	35
45	Cardiac modulation of startle eye blink. <i>Psychophysiology</i> , 2009, 46, 234-240.	1.2	35
46	Acute Effects of Intravenous Heroin on the Hypothalamic-Pituitary-Adrenal Axis Response. <i>Journal of Clinical Psychopharmacology</i> , 2013, 33, 193-198.	0.7	35
47	Cradling side preference is associated with lateralized processing of baby facial expressions in females. <i>Brain and Cognition</i> , 2009, 70, 67-72.	0.8	34
48	Cardiac modulation of startle: Effects on eye blink and higher cognitive processing. <i>Brain and Cognition</i> , 2009, 71, 265-271.	0.8	34
49	Cortisol rapidly disrupts prepulse inhibition in healthy men. <i>Psychoneuroendocrinology</i> , 2011, 36, 109-114.	1.3	33
50	Emotional stress regulation: The role of relative frontal alpha asymmetry in shaping the stress response. <i>Biological Psychology</i> , 2018, 138, 231-239.	1.1	33
51	Parental divorce is associated with an increased risk to develop mental disorders in women. <i>Journal of Affective Disorders</i> , 2019, 257, 91-99.	2.0	33
52	Childhood Trauma Affects Stress-Related Interoceptive Accuracy. <i>Frontiers in Psychiatry</i> , 2019, 10, 750.	1.3	33
53	Cognitive and psychomotor function in hypoglycemia: response error patterns and retest reliability. <i>Pharmacology Biochemistry and Behavior</i> , 2003, 75, 915-920.	1.3	32
54	Effects of Cold Pressor Stress on the Human Startle Response. <i>PLoS ONE</i> , 2012, 7, e49866.	1.1	32

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55	Enhanced stress response by a bilateral feet compared to a unilateral hand Cold Pressor Test. <i>Stress</i> , 2015, 18, 589-596.	0.8	32
56	Midazolam effects on prepulse inhibition of the acoustic blink reflex. <i>British Journal of Clinical Pharmacology</i> , 1999, 47, 421-426.	1.1	31
57	Cold pressor stress reduces left cradling preference in nulliparous human females. <i>Stress</i> , 2007, 10, 45-51.	0.8	31
58	Psychophysiological reactivity of salt-sensitive normotensive subjects. <i>Journal of Hypertension</i> , 1997, 15, 839-844.	0.3	30
59	Heart rate response to post-learning stress predicts memory consolidation. <i>Neurobiology of Learning and Memory</i> , 2014, 109, 74-81.	1.0	29
60	The time course of pupil dilation evoked by visual sexual stimuli: Exploring the underlying ANS mechanisms. <i>Psychophysiology</i> , 2017, 54, 1444-1458.	1.2	29
61	Increased high-frequency heart rate variability during insulin-induced hypoglycaemia in healthy humans. <i>Clinical Science</i> , 2004, 106, 583-588.	1.8	27
62	Evidence that baroreflex feedback influences long-term incidental visual memory in men. <i>Neurobiology of Learning and Memory</i> , 2005, 84, 168-174.	1.0	27
63	Cold pressor stress affects cardiac attenuation of startle. <i>International Journal of Psychophysiology</i> , 2011, 79, 385-391.	0.5	27
64	Heroin reduces startle and cortisol response in opioid-maintained heroin-dependent patients. <i>Addiction Biology</i> , 2011, 16, 145-151.	1.4	27
65	Respiratory modulation of startle eye blink: a new approach to assess afferent signals from the respiratory system. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20160019.	1.8	27
66	Stress response pattern in obesity and systemic hypertension. <i>American Journal of Cardiology</i> , 1992, 70, 1035-1039.	0.7	26
67	Cardiac cycle time effects on mask inhibition. <i>Biological Psychology</i> , 2014, 100, 115-121.	1.1	26
68	Effect of non-hypotensive haemorrhage on plasma catecholamine levels and cardiovascular variability in man*. <i>Clinical Physiology and Functional Imaging</i> , 2003, 23, 159-165.	0.5	23
69	Cardiac modulation of startle is altered in depersonalization-/derealization disorder: Evidence for impaired brainstem representation of baro-afferent neural traffic. <i>Psychiatry Research</i> , 2016, 240, 4-10.	1.7	23
70	Age determines memory for face identity and expression. <i>Psychogeriatrics</i> , 2007, 7, 49-57.	0.6	22
71	Effects of stress on human mating preferences: stressed individuals prefer dissimilar mates. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 2175-2183.	1.2	22
72	Blunted endocrine response to a combined physical-cognitive stressor in adults with early life adversity. <i>Child Abuse and Neglect</i> , 2018, 85, 137-144.	1.3	22

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73	Mental relaxation improves long-term incidental visual memory. <i>Neurobiology of Learning and Memory</i> , 2004, 81, 167-171.	1.0	20
74	Lateralization effects on the cardiac modulation of acoustic startle eye blink. <i>Biological Psychology</i> , 2009, 80, 287-291.	1.1	18
75	Cardiopulmonary baroreceptors affect reflexive startle eye blink. <i>Physiology and Behavior</i> , 2009, 98, 587-593.	1.0	18
76	Two separable mechanisms are responsible for mental stress effects on high frequency heart rate variability: An intra-individual approach in a healthy and a diabetic sample. <i>International Journal of Psychophysiology</i> , 2015, 95, 299-303.	0.5	18
77	Alteration of Delay and Trace Eyeblink Conditioning in Fibromyalgia Patients. <i>Psychosomatic Medicine</i> , 2010, 72, 412-418.	1.3	17
78	Efficacy of four antihypertensive drugs (clonidine, enalapril, nitrendipine, oxprenolol) on stress blood pressure. <i>American Journal of Cardiology</i> , 1989, 63, 1333-1338.	0.7	16
79	Prepulse inhibition of the human startle eye blink response by visual food cues. <i>Appetite</i> , 2003, 41, 191-195.	1.8	16
80	Mental stress increases right heart afterload in severe pulmonary hypertension. <i>Clinical Physiology</i> , 2000, 20, 483-487.	0.7	15
81	Rate Response of a Closed-Loop Stimulation Pacing System to Changing Preload and Afterload Conditions. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2003, 26, 1504-1510.	0.5	15
82	Cardiovascular reactivity to mental stress is not affected by alpha2-adrenoreceptor activation or inhibition. <i>Psychopharmacology</i> , 2006, 190, 181-188.	1.5	15
83	The acute and temporary modulation of <i>PERIOD</i> genes by hydrocortisone in healthy subjects. <i>Chronobiology International</i> , 2016, 33, 1222-1234.	0.9	15
84	Selective processing of food words during insulin-induced hypoglycemia in healthy humans. <i>Psychopharmacology</i> , 2004, 173, 217-220.	1.5	14
85	Cortisol, but not intranasal insulin, affects the central processing of visual food cues. <i>Psychoneuroendocrinology</i> , 2014, 50, 311-320.	1.3	14
86	Polymorphisms of genes related to the hypothalamic-pituitary-adrenal axis influence the cortisol awakening response as well as self-perceived stress. <i>Biological Psychology</i> , 2016, 119, 112-121.	1.1	14
87	Stress Strengthens Memory of First Impressions of Others' Positive Personality Traits. <i>PLoS ONE</i> , 2011, 6, e16389.	1.1	14
88	Inhibition of cortisol production by metyrapone enhances trace, but not delay, eyeblink conditioning. <i>Psychopharmacology</i> , 2008, 199, 183-190.	1.5	13
89	Accelerated trace eyeblink conditioning after cortisol IV-infusion. <i>Neurobiology of Learning and Memory</i> , 2010, 94, 547-553.	1.0	13
90	Acoustic startle reactivity while processing reward-related food cues during food deprivation: Evidence from women in different menstrual cycle phases and men. <i>Psychophysiology</i> , 2014, 51, 159-167.	1.2	13

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91	Validation of an automated bilateral feet cold pressor test. <i>International Journal of Psychophysiology</i> , 2018, 124, 62-70.	0.5	13
92	Glucocorticoid receptor signaling in leukocytes after early life adversity. <i>Development and Psychopathology</i> , 2020, 32, 853-863.	1.4	13
93	Melatonin reduces arousal and startle responsiveness without influencing startle habituation or affective startle modulation in young women. <i>Hormones and Behavior</i> , 2008, 54, 258-262.	1.0	12
94	Anger and cardiovascular startle reactivity in normotensive young males. <i>International Journal of Psychophysiology</i> , 2011, 79, 364-370.	0.5	12
95	Effects of basal and acute cortisol on cognitive flexibility in an emotional task switching paradigm in men. <i>Hormones and Behavior</i> , 2016, 81, 12-19.	1.0	12
96	A combination of high stress-induced tense and energetic arousal compensates for impairing effects of stress on memory retrieval in men. <i>Stress</i> , 2010, 13, 444-453.	0.8	11
97	Oral cortisol impairs implicit sequence learning. <i>Psychopharmacology</i> , 2011, 215, 33-40.	1.5	11
98	Test-retest reproducibility of a combined physical and cognitive stressor. <i>Biological Psychology</i> , 2019, 148, 107729.	1.1	11
99	Cardiac cycle phases affect auditory-evoked potentials, startle eye blink and pre-motor reaction times in response to acoustic startle stimuli. <i>International Journal of Psychophysiology</i> , 2020, 157, 70-81.	0.5	11
100	Effects of rejection intensity and rejection sensitivity on social approach behavior in women. <i>PLoS ONE</i> , 2020, 15, e0227799.	1.1	10
101	Combining mental and physical stress: Synergy or interference?. <i>Physiology and Behavior</i> , 2021, 233, 113365.	1.0	10
102	Baroreceptor activity impacts upon controlled but not automatic distractor processing. <i>Biological Psychology</i> , 2015, 110, 75-84.	1.1	9
103	Visceral-afferent signals from the cardiovascular system, but not urinary urge, affect startle eye blink. <i>Physiology and Behavior</i> , 2019, 199, 165-172.	1.0	9
104	Dehydration does not influence cardiovascular reactivity to behavioural stress in young healthy humans. <i>Clinical Physiology and Functional Imaging</i> , 2007, 27, 291-297.	0.5	8
105	Endogenous cortisol suppression with metyrapone enhances acoustic startle in healthy subjects. <i>Hormones and Behavior</i> , 2009, 55, 314-318.	1.0	8
106	Affective reactivity in heroin-dependent patients with antisocial personality disorder. <i>Psychiatry Research</i> , 2011, 187, 210-213.	1.7	8
107	Stress disrupts distractor-based retrieval of SR episodes. <i>Biological Psychology</i> , 2013, 93, 58-64.	1.1	8
108	The socially evaluated handgrip test: Introduction of a novel, time-efficient stress protocol. <i>Psychoneuroendocrinology</i> , 2018, 87, 141-146.	1.3	8

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109	Acute stress enhances pupillary responses to erotic nudes: Evidence for differential effects of sympathetic activation and cortisol. <i>Biological Psychology</i> , 2018, 137, 73-82.	1.1	8
110	Disentangling sensorimotor and cognitive cardioafferent effects: A cardiac-cycle-time study on spatial stimulus-response compatibility. <i>Scientific Reports</i> , 2020, 10, 4059.	1.6	8
111	Adjunctive Drug Treatment in Severe Hypoxic Respiratory Failure. <i>Drugs</i> , 1999, 58, 429-446.	4.9	7
112	Increased renovascular response to angiotensin II in persons genetically predisposed to arterial hypertension disappears after chronic angiotensin-converting enzyme inhibition. <i>Journal of Hypertension</i> , 2004, 22, 175-180.	0.3	6
113	Memory deficits for facial identity in patients with amnesic mild cognitive impairment (MCI). <i>PLoS ONE</i> , 2018, 13, e0195693.	1.1	6
114	Differential effect of ill-being and chronic stress on cradling behavior of first and multi-time parents. , 2011, 34, 170-178.		5
115	Cortisol rapidly increases baroreflex sensitivity of heart rate control, but does not affect cardiac modulation of startle. <i>Physiology and Behavior</i> , 2020, 215, 112792.	1.0	5
116	Modulation of startle and heart rate responses by fear of physical activity in patients with heart failure and in healthy adults. <i>Physiology and Behavior</i> , 2020, 225, 113044.	1.0	5
117	Central Sympathetic Nervous System Effects on Cognitive-Motor Performance. <i>Experimental Psychology</i> , 2020, 67, 77-87.	0.3	5
118	Impact of respiratory frequency on short-term blood pressure and heart rate variability. <i>Journal of Hypertension</i> , 1991, 9, S332.	0.3	4
119	Left side cradling of an appetitive doll is associated with higher heart rate variability and attenuated startle in nulliparous females. <i>International Journal of Psychophysiology</i> , 2009, 74, 53-57.	0.5	4
120	Irrelevant Stimuli and Action Control: Analyzing the Influence of Ignored Stimuli via the Distractor-Response Binding Paradigm. <i>Journal of Visualized Experiments</i> , 2014, , .	0.2	4
121	Rapid cortisol enhancement of psychomotor and startle reactions to side-congruent stimuli in a focused cross-modal choice reaction time paradigm. <i>European Neuropsychopharmacology</i> , 2014, 24, 1828-1835.	0.3	4
122	Stress and selective attention: Immediate and delayed stress effects on inhibition of return. <i>Brain and Cognition</i> , 2016, 108, 66-72.	0.8	4
123	Pre- and perinatal predictors of startle eye blink reaction and prepulse inhibition in healthy neonates. <i>Psychophysiology</i> , 2011, 48, 1004-1010.	1.2	3
124	Promoter haplotypes of the corticotropin-releasing hormone encoding gene modulate the physiological stress response in vitro and in vivo. <i>Stress</i> , 2019, 22, 44-52.	0.8	3
125	Aversive associative conditioning of prepulses in a startle inhibition paradigm. <i>Psychophysiology</i> , 2009, 46, 481-486.	1.2	2
126	Startle eye-blink modulation by facial self-resemblance and current mood. <i>International Journal of Psychophysiology</i> , 2015, 96, 162-168.	0.5	2

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127	Filling the gap: Evidence for a spatial differentiation in trace eyeblink conditioning. <i>Neuroscience Letters</i> , 2017, 654, 33-37.	1.0	2
128	Startling similarity: Effects of facial self-resemblance and familiarity on the processing of emotional faces. <i>PLoS ONE</i> , 2017, 12, e0189028.	1.1	2
129	Self-Resemblance Modulates Processing of Socio-Emotional Pictures in a Context-Sensitive Manner. <i>Journal of Psychophysiology</i> , 2019, 33, 127-138.	0.3	1
130	Stress effects on the top-down control of visuospatial attention: Evidence from cue-dependent alpha oscillations. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2022, , 1.	1.0	1
131	Stressed in afterthought: Neuroendocrine effects of social self-threat during physical effort are counteracted by performance feedback after stress exposure. <i>Psychoneuroendocrinology</i> , 2022, 139, 105703.	1.3	1
132	24-hour ambulatory blood pressure monitoring. <i>Bailliere's Clinical Anaesthesiology</i> , 1997, 11, 605-621.	0.2	0
133	Enhanced startle reflexivity during presentation of visual nurture cues in young adults who experienced parental divorce in early childhood. <i>International Journal of Psychophysiology</i> , 2017, 120, 78-85.	0.5	0