

# Wolfgang H R Miltner

## List of Publications by Year in descending order

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Version: 2024-02-01

100  
papers

5,146  
citations

117453

34  
h-index

91712

69  
g-index

101  
all docs

101  
docs citations

101  
times ranked

5504  
citing authors

#	ARTICLE	IF	CITATIONS
1	Suggested visual blockade during hypnosis: Top-down modulation of stimulus processing in a visual oddball task. PLoS ONE, 2021, 16, e0257380.	1.1	8
2	Trait anxiety predicts amygdalar responses during direct processing of threat-related pictures. Scientific Reports, 2021, 11, 18469.	1.6	3
3	An fMRI study on runnerâ€™s high and exercise-induced hypoalgesia after a 2-h-run in trained non-elite male athletes. Sport Sciences for Health, 2020, 16, 159-167.	0.4	8
4	Lateralized Deficits of Disgust Processing After Insula-Basal Ganglia Damage. Frontiers in Psychology, 2020, 11, 1429.	1.1	14
5	Stimulus arousal drives amygdalar responses to emotional expressions across sensory modalities. Scientific Reports, 2020, 10, 1898.	1.6	18
6	Suggested deafness during hypnosis and simulation of hypnosis compared to a distraction and control condition: A study on subjective experience and cortical brain responses. PLoS ONE, 2020, 15, e0240832.	1.1	15
7	How words impact on pain. Brain and Behavior, 2019, 9, e01377.	1.0	16
8	Wearing a bike helmet leads to less cognitive control, revealed by lower frontal midline theta power and risk indifference. Psychophysiology, 2019, 56, e13458.	1.2	11
9	Expectation of exercise in trained athletes results in a reduction of central processing to nociceptive stimulation. Behavioural Brain Research, 2019, 356, 314-321.	1.2	9
10	What you give is what you get: Payment of one randomly selected trial induces risk-aversion and decreases brain responses to monetary feedback. Cognitive, Affective and Behavioral Neuroscience, 2019, 19, 187-196.	1.0	13
11	Referred cramping phantom hand pain elicited in the face and eliminated by peripheral nerve block. Experimental Brain Research, 2018, 236, 1815-1824.	0.7	3
12	The Feeling Prosthesisâ€™ Somatosensory Feedback from the Prosthesis Foot Reduces Phantom Limb Pain Dramatically. Pain Medicine, 2018, 19, 1698-1700.	0.9	4
13	Effects of Temporary Functional Deafferentation in Chronic Stroke Patients: Who Profits More?. Neural Plasticity, 2018, 2018, 1-9.	1.0	0
14	The role of the cerebellum for feedback processing and behavioral switching in a reversal-learning task. Brain and Cognition, 2018, 125, 142-148.	0.8	15
15	Leg Prosthesis With Somatosensory Feedback Reduces Phantom Limb Pain and Increases Functionality. Frontiers in Neurology, 2018, 9, 270.	1.1	69
16	Quantitative sensory testing after macroreplantation: evidence for a specific somatosensory profile. Pain, 2018, 159, 1289-1296.	2.0	3
17	Anxious gambling: Anxiety is associated with higher frontal midline theta predicting less risky decisions. Psychophysiology, 2018, 55, e13210.	1.2	25
18	Dermatomal Organization of SI Leg Representation in Humans: Revising the Somatosensory Homunculus. Cerebral Cortex, 2017, 27, 4564-4569.	1.6	11

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19	Feedback negativity and decision-making behavior in the Balloon Analogue Risk Task (BART) in adolescents is modulated by peer presence. <i>Psychophysiology</i> , 2017, 54, 260-269.	1.2	36
20	Loud and angry: sound intensity modulates amygdala activation to angry voices in social anxiety disorder. <i>Social Cognitive and Affective Neuroscience</i> , 2017, 12, 409-416.	1.5	10
21	Preliminary Evidence for Training-Induced Changes of Morphology and Phantom Limb Pain. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 319.	1.0	21
22	Are There Abnormalities in Peripheral and Central Components of Somatosensory Evoked Potentials in Non-Specific Chronic Low Back Pain?. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 521.	1.0	5
23	Effects of Intensity of Facial Expressions on Amygdalar Activation Independently of Valence. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 646.	1.0	11
24	Aberrant network connectivity during error processing in patients with schizophrenia. <i>Journal of Psychiatry and Neuroscience</i> , 2016, 41, E3-E12.	1.4	15
25	Enhanced Brain Responses to Pain-Related Words in Chronic Back Pain Patients and Their Modulation by Current Pain. <i>Healthcare (Switzerland)</i> , 2016, 4, 54.	1.0	12
26	A neural signature of private property rights.. <i>Journal of Neuroscience, Psychology, and Economics</i> , 2016, 9, 38-49.	0.4	5
27	Look who's judging? Feedback source modulates brain activation to performance feedback in social anxiety. <i>NeuroImage</i> , 2016, 133, 430-437.	2.1	10
28	Parametric modulation of reward sequences during a reversal task in ACC and VMPFC but not amygdala and striatum. <i>NeuroImage</i> , 2016, 143, 50-57.	2.1	6
29	Neural basis of processing threatening voices in a crowded auditory world. <i>Social Cognitive and Affective Neuroscience</i> , 2016, 11, 821-828.	1.5	5
30	Plasticity and Reorganization in the Rehabilitation of Stroke. <i>Zeitschrift Fur Psychologie / Journal of Psychology</i> , 2016, 224, 91-101.	0.7	7
31	Change in Movement-Related Cortical Potentials Following Constraint-Induced Movement Therapy (CIMT) After Stroke. <i>Zeitschrift Fur Psychologie / Journal of Psychology</i> , 2016, 224, 112-124.	0.7	12
32	Neural Plasticity in Rehabilitation and Psychotherapy. <i>Zeitschrift Fur Psychologie / Journal of Psychology</i> , 2016, 224, 59-61.	0.7	2
33	Somatosensory spatial attention modulates amplitudes, latencies, and latency jitter of laser-evoked brain potentials. <i>Journal of Neurophysiology</i> , 2015, 113, 2760-2768.	0.9	25
34	Captured by the pain: Pain steady-state evoked potentials are not modulated by selective spatial attention. <i>Brain Research</i> , 2015, 1603, 94-100.	1.1	7
35	Brain activation to briefly presented emotional words: Effects of stimulus awareness. <i>Human Brain Mapping</i> , 2015, 36, 655-665.	1.9	18
36	Neural correlates of self-focused attention in social anxiety. <i>Social Cognitive and Affective Neuroscience</i> , 2015, 10, 856-862.	1.5	56

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37	Neural Correlates of Emotional Interference in Social Anxiety Disorder. <i>PLoS ONE</i> , 2015, 10, e0128608.	1.1	28
38	“Neural Plasticity in Rehabilitation and Psychotherapy” New Perspectives and Findings. <i>Zeitschrift Fur Psychologie / Journal of Psychology</i> , 2015, 223, 66-66.	0.7	0
39	Pain-Related and Negative Semantic Priming Enhances Perceived Pain Intensity. <i>Pain Research and Management</i> , 2014, 19, 69-74.	0.7	30
40	Altered emotional and BOLD responses to negative, positive and ambiguous performance feedback in OCD. <i>Social Cognitive and Affective Neuroscience</i> , 2014, 9, 1127-1133.	1.5	20
41	Cortical reorganization after macroreplantation at the upper extremity: a magnetoencephalographic study. <i>Brain</i> , 2014, 137, 757-769.	3.7	19
42	Brain activation during anticipatory anxiety in social anxiety disorder. <i>Social Cognitive and Affective Neuroscience</i> , 2014, 9, 1413-1418.	1.5	72
43	Area-dependent time courses of brain activation during video-induced symptom provocation in social anxiety disorder. <i>Biology of Mood &amp; Anxiety Disorders</i> , 2014, 4, 6.	4.7	20
44	Effects of gaze direction, head orientation and valence of facial expression on amygdala activity. <i>Social Cognitive and Affective Neuroscience</i> , 2014, 9, 1246-1252.	1.5	26
45	A Single-Trial Estimation of the Feedback-Related Negativity and Its Relation to BOLD Responses in a Time-Estimation Task. <i>Journal of Neuroscience</i> , 2014, 34, 3005-3012.	1.7	216
46	Effects of Cognitive-Behavioral Therapy on Brain Responses to Subliminal and Supraliminal Threat and Their Functional Significance in Specific Phobia. <i>Biological Psychiatry</i> , 2014, 76, 869-877.	0.7	34
47	Effects of social context on feedback-related activity in the human ventral striatum. <i>NeuroImage</i> , 2014, 99, 1-6.	2.1	16
48	Neural correlates of anticipation and processing of performance feedback in social anxiety. <i>Human Brain Mapping</i> , 2014, 35, 6023-6031.	1.9	23
49	How bad was it? Differences in the time course of sensitivity to the magnitude of loss in problem gamblers and controls. <i>Behavioural Brain Research</i> , 2013, 247, 140-145.	1.2	15
50	Differences in somatosensory and motor improvement during temporary functional deafferentation in stroke patients and healthy subjects. <i>Behavioural Brain Research</i> , 2013, 252, 110-116.	1.2	19
51	Interaction between stimulus intensity and perceptual load in the attentional control of pain. <i>Pain</i> , 2013, 154, 135-140.	2.0	48
52	Gray Matter Changes Following Limb Amputation with High and Low Intensities of Phantom Limb Pain. <i>Cerebral Cortex</i> , 2013, 23, 1038-1048.	1.6	70
53	Amygdala activation to fearful faces under attentional load. <i>Behavioural Brain Research</i> , 2013, 237, 172-175.	1.2	8
54	Psychobiology of altered states of consciousness.. <i>Psychology of Consciousness: Theory Research, and Practice</i> , 2013, 1, 2-47.	0.3	11

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55	Somatosensory Abnormalities for Painful and Innocuous Stimuli at the Back and at a Site Distinct from the Region of Pain in Chronic Back Pain Patients. PLoS ONE, 2013, 8, e58885.	1.1	55
56	Plasticity in the Visual System is Associated with Prosthesis Use in Phantom Limb Pain. Frontiers in Human Neuroscience, 2013, 7, 311.	1.0	21
57	Human Brain Stem Structures Respond Differentially to Noxious Heat. Frontiers in Human Neuroscience, 2013, 7, 530.	1.0	11
58	Impaired Representation of Time in Schizophrenia Is Linked to Positive Symptoms and Cognitive Demand. PLoS ONE, 2013, 8, e67615.	1.1	27
59	Neural correlates of fair behavior in interpersonal bargaining. Social Neuroscience, 2012, 7, 537-551.	0.7	47
60	Effects of Temporary Functional Deafferentation on the Brain, Sensation, and Behavior of Stroke Patients. Journal of Neuroscience, 2012, 32, 11773-11779.	1.7	30
61	Laser heat stimulation of tiny skin areas adds valuable information to quantitative sensory testing in postherpetic neuralgia. Pain, 2012, 153, 1687-1694.	2.0	12
62	Sensory feedback prosthesis reduces phantom limb pain: Proof of a principle. Neuroscience Letters, 2012, 507, 97-100.	1.0	150
63	Enhanced sensitivity to punctate painful stimuli in female patients with chronic low back pain. BMC Neurology, 2012, 12, 98.	0.8	41
64	Awareness modulates responses of the amygdala and the visual cortex to highly arousing visual threat. NeuroImage, 2012, 62, 1439-1444.	2.1	15
65	Processing of angry voices is modulated by visual load. NeuroImage, 2012, 63, 485-490.	2.1	23
66	The influence of the magnitude, probability, and valence of potential wins and losses on the amplitude of the feedback negativity. Psychophysiology, 2012, 49, 207-219.	1.2	102
67	Vigilance for Threat Interacts with Amygdala Responses to Subliminal Threat Cues in Specific Phobia. Biological Psychiatry, 2011, 70, 472-478.	0.7	67
68	Attention to aversive emotion and specific activation of the right insula and right somatosensory cortex. NeuroImage, 2011, 54, 2534-2538.	2.1	101
69	Brain activation during direct and indirect processing of positive and negative words. Behavioural Brain Research, 2011, 222, 66-72.	1.2	42
70	Perception to laser heat stimuli in depressed patients is reduced to A $\beta$ - and selective C-fiber stimulation. Neuroscience Letters, 2011, 498, 89-92.	1.0	12
71	Neural mechanisms of the automatic processing of emotional information from faces and voices. British Journal of Psychology, 2011, 102, 830-848.	1.2	27
72	Dissociation of acquisition and expression of fear conditioned responses under working memory load. Emotion, 2011, 11, 209-213.	1.5	2

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73	Why humans deviate from rational choice. <i>Psychophysiology</i> , 2011, 48, 507-514.	1.2	152
74	Task requirements change signal strength of the primary somatosensory M50: Oddball vs. one-back tasks. <i>Psychophysiology</i> , 2011, 48, 569-577.	1.2	12
75	Dissociation of Pe and ERN/Ne in the conscious recognition of an error. <i>Psychophysiology</i> , 2011, 48, 1390-1396.	1.2	51
76	Brachial Plexus Block in Phantom Limb Pain: A Case Report. <i>Pain Medicine</i> , 2011, 12, 1649-1654.	0.9	17
77	Affective brain regions are activated during the processing of pain-related words in migraine patients. <i>Pain</i> , 2011, 152, 1104-1113.	2.0	63
78	Amygdala activation to threat under attentional load in individuals with anxiety disorder. <i>Biology of Mood &amp; Anxiety Disorders</i> , 2011, 1, 12.	4.7	14
79	Deafferentation of the Affected Arm. <i>Stroke</i> , 2011, 42, 1363-1370.	1.0	26
80	Visual Attention Modulates Brain Activation to Angry Voices. <i>Journal of Neuroscience</i> , 2011, 31, 9594-9598.	1.7	41
81	No impairment of recognition and experience of disgust in a patient with a right-hemispheric lesion of the insula and basal ganglia. <i>Neuropsychologia</i> , 2010, 48, 1735-1741.	0.7	50
82	Do words hurt? Brain activation during the processing of pain-related words. <i>Pain</i> , 2010, 148, 198-205.	2.0	85
83	The volatility of the amygdala response to masked fearful eyes. <i>Human Brain Mapping</i> , 2010, 31, 1601-1608.	1.9	30
84	Hypersensitivity to Reward in Problem Gamblers. <i>Biological Psychiatry</i> , 2010, 67, 781-783.	0.7	161
85	Task-dependent neural correlates of the processing of verbal threat-related stimuli in social phobia. <i>Biological Psychology</i> , 2010, 84, 304-312.	1.1	61
86	A new Kalman filter approach for the estimation of high-dimensional time-variant multivariate AR models and its application in analysis of laser-evoked brain potentials. <i>NeuroImage</i> , 2010, 50, 960-969.	2.1	115
87	Sex differences in brain activation to anticipated and experienced pain in the medial prefrontal cortex. <i>Human Brain Mapping</i> , 2009, 30, 689-698.	1.9	78
88	Modulation of the neural network involved in the processing of anger prosody: The role of task-relevance and social phobia. <i>Biological Psychology</i> , 2008, 78, 129-137.	1.1	89
89	Brain activation upon selective stimulation of cutaneous C- and A $\beta$ -fibers. <i>NeuroImage</i> , 2008, 41, 1372-1381.	2.1	35
90	Event-related potentials to schematic faces in social phobia. <i>Cognition and Emotion</i> , 2007, 21, 1721-1744.	1.2	79

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91	Spider phobics more easily see a spider in morphed schematic pictures. Behavioral and Brain Functions, 2007, 3, 59.	1.4	29
92	Brain responses to dynamic facial expressions of pain. Pain, 2006, 126, 309-318.	2.0	127
93	Event-related potentials when identifying or color-naming threatening schematic stimuli in spider phobic and non-phobic individuals. BMC Psychiatry, 2006, 6, 38.	1.1	52
94	Event-related brain potentials and affective responses to threat in spider/snake-phobic and non-phobic subjects. International Journal of Psychophysiology, 2005, 57, 43-52.	0.5	113
95	Eye Movements and Behavioral Responses to Threatening and Nonthreatening Stimuli During Visual Search in Phobic and Nonphobic Subjects.. Emotion, 2004, 4, 323-339.	1.5	102
96	The influence of semantic priming on event-related potentials to painful laser-heat stimuli in migraine patients. Neuroscience Letters, 2003, 340, 135-138.	1.0	32
97	Laser-evoked potentials to noxious stimulation during hypnotic analgesia and distraction of attention suggest different brain mechanisms of pain control. Psychophysiology, 2001, 38, 768-776.	1.2	49
98	Rapid functional plasticity of the somatosensory cortex after finger amputation. Experimental Brain Research, 2000, 134, 199-203.	0.7	109
99	Coherence of gamma-band EEG activity as a basis for associative learning. Nature, 1999, 397, 434-436.	13.7	836
100	Effects of Constraint-Induced Movement Therapy on Patients With Chronic Motor Deficits After Stroke. Stroke, 1999, 30, 586-592.	1.0	569