

# Wolfgang H R Miltner

## List of Publications by Year in descending order

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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	Coherence of gamma-band EEG activity as a basis for associative learning. <i>Nature</i> , 1999, 397, 434-436.	13.7	836
2	Effects of Constraint-Induced Movement Therapy on Patients With Chronic Motor Deficits After Stroke. <i>Stroke</i> , 1999, 30, 586-592.	1.0	569
3	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
4	Hypersensitivity to Reward in Problem Gamblers. <i>Biological Psychiatry</i> , 2010, 67, 781-783.	0.7	161
5	Why humans deviate from rational choice. <i>Psychophysiology</i> , 2011, 48, 507-514.	1.2	152
6	Sensory feedback prosthesis reduces phantom limb pain: Proof of a principle. <i>Neuroscience Letters</i> , 2012, 507, 97-100.	1.0	150
7	Brain responses to dynamic facial expressions of pain. <i>Pain</i> , 2006, 126, 309-318.	2.0	127
8	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
9	Event-related brain potentials and affective responses to threat in spider/snake-phobic and non-phobic subjects. <i>International Journal of Psychophysiology</i> , 2005, 57, 43-52.	0.5	113
10	Rapid functional plasticity of the somatosensory cortex after finger amputation. <i>Experimental Brain Research</i> , 2000, 134, 199-203.	0.7	109
11	Eye Movements and Behavioral Responses to Threatening and Nonthreatening Stimuli During Visual Search in Phobic and Nonphobic Subjects. <i>Emotion</i> , 2004, 4, 323-339.	1.5	102
12	The influence of the magnitude, probability, and valence of potential wins and losses on the amplitude of the feedback negativity. <i>Psychophysiology</i> , 2012, 49, 207-219.	1.2	102
13	Attention to aversive emotion and specific activation of the right insula and right somatosensory cortex. <i>NeuroImage</i> , 2011, 54, 2534-2538.	2.1	101
14	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
15	Do words hurt? Brain activation during the processing of pain-related words. <i>Pain</i> , 2010, 148, 198-205.	2.0	85
16	Event-related potentials to schematic faces in social phobia. <i>Cognition and Emotion</i> , 2007, 21, 1721-1744.	1.2	79
17	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
18	Brain activation during anticipatory anxiety in social anxiety disorder. <i>Social Cognitive and Affective Neuroscience</i> , 2014, 9, 1413-1418.	1.5	72

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19	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
20	Leg Prosthesis With Somatosensory Feedback Reduces Phantom Limb Pain and Increases Functionality. <i>Frontiers in Neurology</i> , 2018, 9, 270.	1.1	69
21	Vigilance for Threat Interacts with Amygdala Responses to Subliminal Threat Cues in Specific Phobia. <i>Biological Psychiatry</i> , 2011, 70, 472-478.	0.7	67
22	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
23	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
24	Neural correlates of self-focused attention in social anxiety. <i>Social Cognitive and Affective Neuroscience</i> , 2015, 10, 856-862.	1.5	56
25	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. <i>PLoS ONE</i> , 2013, 8, e58885.	1.1	55
26	Event-related potentials when identifying or color-naming threatening schematic stimuli in spider phobic and non-phobic individuals. <i>BMC Psychiatry</i> , 2006, 6, 38.	1.1	52
27	Dissociation of Pe and ERN/Ne in the conscious recognition of an error. <i>Psychophysiology</i> , 2011, 48, 1390-1396.	1.2	51
28	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
29	Laser-evoked potentials to noxious stimulation during hypnotic analgesia and distraction of attention suggest different brain mechanisms of pain control. <i>Psychophysiology</i> , 2001, 38, 768-776.	1.2	49
30	Interaction between stimulus intensity and perceptual load in the attentional control of pain. <i>Pain</i> , 2013, 154, 135-140.	2.0	48
31	Neural correlates of fair behavior in interpersonal bargaining. <i>Social Neuroscience</i> , 2012, 7, 537-551.	0.7	47
32	Brain activation during direct and indirect processing of positive and negative words. <i>Behavioural Brain Research</i> , 2011, 222, 66-72.	1.2	42
33	Visual Attention Modulates Brain Activation to Angry Voices. <i>Journal of Neuroscience</i> , 2011, 31, 9594-9598.	1.7	41
34	Enhanced sensitivity to punctate painful stimuli in female patients with chronic low back pain. <i>BMC Neurology</i> , 2012, 12, 98.	0.8	41
35	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
36	Brain activation upon selective stimulation of cutaneous C- and A $\beta$ -fibers. <i>NeuroImage</i> , 2008, 41, 1372-1381.	2.1	35

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37	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
38	The influence of semantic priming on event-related potentials to painful laser-heat stimuli in migraine patients. <i>Neuroscience Letters</i> , 2003, 340, 135-138.	1.0	32
39	The volatility of the amygdala response to masked fearful eyes. <i>Human Brain Mapping</i> , 2010, 31, 1601-1608.	1.9	30
40	Effects of Temporary Functional Deafferentation on the Brain, Sensation, and Behavior of Stroke Patients. <i>Journal of Neuroscience</i> , 2012, 32, 11773-11779.	1.7	30
41	Pain-Related and Negative Semantic Priming Enhances Perceived Pain Intensity. <i>Pain Research and Management</i> , 2014, 19, 69-74.	0.7	30
42	Spider phobics more easily see a spider in morphed schematic pictures. <i>Behavioral and Brain Functions</i> , 2007, 3, 59.	1.4	29
43	Neural Correlates of Emotional Interference in Social Anxiety Disorder. <i>PLoS ONE</i> , 2015, 10, e0128608.	1.1	28
44	Neural mechanisms of the automatic processing of emotional information from faces and voices. <i>British Journal of Psychology</i> , 2011, 102, 830-848.	1.2	27
45	Impaired Representation of Time in Schizophrenia Is Linked to Positive Symptoms and Cognitive Demand. <i>PLoS ONE</i> , 2013, 8, e67615.	1.1	27
46	Deafferentation of the Affected Arm. <i>Stroke</i> , 2011, 42, 1363-1370.	1.0	26
47	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
48	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
49	Anxious gambling: Anxiety is associated with higher frontal midline theta predicting less risky decisions. <i>Psychophysiology</i> , 2018, 55, e13210.	1.2	25
50	Processing of angry voices is modulated by visual load. <i>NeuroImage</i> , 2012, 63, 485-490.	2.1	23
51	Neural correlates of anticipation and processing of performance feedback in social anxiety. <i>Human Brain Mapping</i> , 2014, 35, 6023-6031.	1.9	23
52	Plasticity in the Visual System is Associated with Prosthesis Use in Phantom Limb Pain. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 311.	1.0	21
53	Preliminary Evidence for Training-Induced Changes of Morphology and Phantom Limb Pain. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 319.	1.0	21
54	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

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55	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
56	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
57	Cortical reorganization after macroreplantation at the upper extremity: a magnetoencephalographic study. <i>Brain</i> , 2014, 137, 757-769.	3.7	19
58	Brain activation to briefly presented emotional words: Effects of stimulus awareness. <i>Human Brain Mapping</i> , 2015, 36, 655-665.	1.9	18
59	Stimulus arousal drives amygdalar responses to emotional expressions across sensory modalities. <i>Scientific Reports</i> , 2020, 10, 1898.	1.6	18
60	Brachial Plexus Block in Phantom Limb Pain: A Case Report. <i>Pain Medicine</i> , 2011, 12, 1649-1654.	0.9	17
61	Effects of social context on feedback-related activity in the human ventral striatum. <i>NeuroImage</i> , 2014, 99, 1-6.	2.1	16
62	How words impact on pain. <i>Brain and Behavior</i> , 2019, 9, e01377.	1.0	16
63	Awareness modulates responses of the amygdala and the visual cortex to highly arousing visual threat. <i>NeuroImage</i> , 2012, 62, 1439-1444.	2.1	15
64	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
65	Aberrant network connectivity during error processing in patients with schizophrenia. <i>Journal of Psychiatry and Neuroscience</i> , 2016, 41, E3-E12.	1.4	15
66	The role of the cerebellum for feedback processing and behavioral switching in a reversal-learning task. <i>Brain and Cognition</i> , 2018, 125, 142-148.	0.8	15
67	Suggested deafness during hypnosis and simulation of hypnosis compared to a distraction and control condition: A study on subjective experience and cortical brain responses. <i>PLoS ONE</i> , 2020, 15, e0240832.	1.1	15
68	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
69	Lateralized Deficits of Disgust Processing After Insula-Basal Ganglia Damage. <i>Frontiers in Psychology</i> , 2020, 11, 1429.	1.1	14
70	What you give is what you get: Payment of one randomly selected trial induces risk-aversion and decreases brain responses to monetary feedback. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2019, 19, 187-196.	1.0	13
71	Perception to laser heat stimuli in depressed patients is reduced to A $\beta$ - and selective C-fiber stimulation. <i>Neuroscience Letters</i> , 2011, 498, 89-92.	1.0	12
72	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

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73	Laser heat stimulation of tiny skin areas adds valuable information to quantitative sensory testing in postherpetic neuralgia. <i>Pain</i> , 2012, 153, 1687-1694.	2.0	12
74	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
75	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
76	Psychobiology of altered states of consciousness.. <i>Psychology of Consciousness: Theory Research, and Practice</i> , 2013, 1, 2-47.	0.3	11
77	Human Brain Stem Structures Respond Differentially to Noxious Heat. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 530.	1.0	11
78	Effects of Intensity of Facial Expressions on Amygdalar Activation Independently of Valence. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 646.	1.0	11
79	Dermatomal Organization of SI Leg Representation in Humans: Revising the Somatosensory Homunculus. <i>Cerebral Cortex</i> , 2017, 27, 4564-4569.	1.6	11
80	Wearing a bike helmet leads to less cognitive control, revealed by lower frontal midline theta power and risk indifference. <i>Psychophysiology</i> , 2019, 56, e13458.	1.2	11
81	Look who's judgingâ€”Feedback source modulates brain activation to performance feedback in social anxiety. <i>NeuroImage</i> , 2016, 133, 430-437.	2.1	10
82	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
83	Expectation of exercise in trained athletes results in a reduction of central processing to nociceptive stimulation. <i>Behavioural Brain Research</i> , 2019, 356, 314-321.	1.2	9
84	Amygdala activation to fearful faces under attentional load. <i>Behavioural Brain Research</i> , 2013, 237, 172-175.	1.2	8
85	An fMRI study on runnerâ€™s high and exercise-induced hypoalgesia after a 2-h-run in trained non-elite male athletes. <i>Sport Sciences for Health</i> , 2020, 16, 159-167.	0.4	8
86	Suggested visual blockade during hypnosis: Top-down modulation of stimulus processing in a visual oddball task. <i>PLoS ONE</i> , 2021, 16, e0257380.	1.1	8
87	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
88	Plasticity and Reorganization in the Rehabilitation of Stroke. <i>Zeitschrift Fur Psychologie / Journal of Psychology</i> , 2016, 224, 91-101.	0.7	7
89	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
90	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

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91	A neural signature of private property rights.. Journal of Neuroscience, Psychology, and Economics, 2016, 9, 38-49.	0.4	5
92	Neural basis of processing threatening voices in a crowded auditory world. Social Cognitive and Affective Neuroscience, 2016, 11, 821-828.	1.5	5
93	The Feeling Prosthesisâ€”Somatosensory Feedback from the Prosthesis Foot Reduces Phantom Limb Pain Dramatically. Pain Medicine, 2018, 19, 1698-1700.	0.9	4
94	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
95	Quantitative sensory testing after macroreplantation: evidence for a specific somatosensory profile. Pain, 2018, 159, 1289-1296.	2.0	3
96	Trait anxiety predicts amygdalar responses during direct processing of threat-related pictures. Scientific Reports, 2021, 11, 18469.	1.6	3
97	Dissociation of acquisition and expression of fear conditioned responses under working memory load.. Emotion, 2011, 11, 209-213.	1.5	2
98	Neural Plasticity in Rehabilitation and Psychotherapy. Zeitschrift Fur Psychologie / Journal of Psychology, 2016, 224, 59-61.	0.7	2
99	Effects of Temporary Functional Deafferentation in Chronic Stroke Patients: Who Profits More?. Neural Plasticity, 2018, 2018, 1-9.	1.0	0
100	â€œNeural Plasticity in Rehabilitation and Psychotherapy â€” New Perspectives and Findingsâ€• Zeitschrift Fur Psychologie / Journal of Psychology, 2015, 223, 66-66.	0.7	0