

Herta Flor

List of Publications by Year in descending order

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Version: 2024-02-01

388
papers

32,241
citations

3334

91
h-index

5539

163
g-index

415
all docs

415
docs citations

415
times ranked

26662
citing authors

#	ARTICLE	IF	CITATIONS
1	Activation of Cortical and Cerebellar Motor Areas during Executed and Imagined Hand Movements: An fMRI Study. <i>Journal of Cognitive Neuroscience</i> , 1999, 11, 491-501.	2.3	858
2	Phantom limb pain: a case of maladaptive CNS plasticity?. <i>Nature Reviews Neuroscience</i> , 2006, 7, 873-881.	10.2	767
3	Amygdala-prefrontal coupling depends on a genetic variation of the serotonin transporter. <i>Nature Neuroscience</i> , 2005, 8, 20-21.	14.8	644
4	Extensive reorganization of primary somatosensory cortex in chronic back pain patients. <i>Neuroscience Letters</i> , 1997, 224, 5-8.	2.1	628
5	Deficient Fear Conditioning in Psychopathy. <i>Archives of General Psychiatry</i> , 2005, 62, 799.	12.3	625
6	Differential activation of the dorsal striatum by high-calorie visual food stimuli in obese individuals. <i>NeuroImage</i> , 2007, 37, 410-421.	4.2	595
7	Phantom-limb pain: characteristics, causes, and treatment. <i>Lancet Neurology</i> , The, 2002, 1, 182-189.	10.2	539
8	Cue-induced activation of the striatum and medial prefrontal cortex is associated with subsequent relapse in abstinent alcoholics. <i>Psychopharmacology</i> , 2004, 175, 296-302.	3.1	526
9	Effect of sensory discrimination training on cortical reorganisation and phantom limb pain. <i>Lancet</i> , The, 2001, 357, 1763-1764.	13.7	509
10	Correlation Between Dopamine D ₂ Receptors in the Ventral Striatum and Central Processing of Alcohol Cues and Craving. <i>American Journal of Psychiatry</i> , 2004, 161, 1783-1789.	7.2	508
11	Effects of Regional Anesthesia on Phantom Limb Pain Are Mirrored in Changes in Cortical Reorganization. <i>Journal of Neuroscience</i> , 1997, 17, 5503-5508.	3.6	492
12	The genetic architecture of the human cerebral cortex. <i>Science</i> , 2020, 367, .	12.6	450
13	Structural plasticity and reorganisation in chronic pain. <i>Nature Reviews Neuroscience</i> , 2017, 18, 20-30.	10.2	419
14	Reorganization of Motor and Somatosensory Cortex in Upper Extremity Amputees with Phantom Limb Pain. <i>Journal of Neuroscience</i> , 2001, 21, 3609-3618.	3.6	399
15	Catechol-O-Methyltransferase ¹⁵⁸ met Genotype Affects Processing of Emotional Stimuli in the Amygdala and Prefrontal Cortex. <i>Journal of Neuroscience</i> , 2005, 25, 836-842.	3.6	390
16	Adolescent impulsivity phenotypes characterized by distinct brain networks. <i>Nature Neuroscience</i> , 2012, 15, 920-925.	14.8	368
17	Neuropsychosocial profiles of current and future adolescent alcohol misusers. <i>Nature</i> , 2014, 512, 185-189.	27.8	368
18	Extensive reorganization of the somatosensory cortex in adult humans after nervous system injury. <i>NeuroReport</i> , 1994, 5, 2593-2597.	1.2	365

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19	fMRI reveals amygdala activation to human faces in social phobics. <i>NeuroReport</i> , 1998, 9, 1223-1226.	1.2	364
20	Targeting Cortical Representations in the Treatment of Chronic Pain. <i>Neurorehabilitation and Neural Repair</i> , 2012, 26, 646-652.	2.9	362
21	Brain circuits involved in emotional learning in antisocial behavior and social phobia in humans. <i>Neuroscience Letters</i> , 2002, 328, 233-236.	2.1	356
22	Comorbid Depression and Anxiety in Fibromyalgia Syndrome: Relationship to Somatic and Psychosocial Variables. <i>Psychosomatic Medicine</i> , 2004, 66, 837-844.	2.0	353
23	Mice with Genetically Altered Glucocorticoid Receptor Expression Show Altered Sensitivity for Stress-Induced Depressive Reactions. <i>Journal of Neuroscience</i> , 2005, 25, 6243-6250.	3.6	350
24	Long-term alteration of pain sensitivity in school-aged children with early pain experiences. <i>Pain</i> , 2006, 125, 278-285.	4.2	343
25	Correlation Between Dopamine D2 Receptors in the Ventral Striatum and Central Processing of Alcohol Cues and Craving. <i>American Journal of Psychiatry</i> , 2004, 161, 1783-1789.	7.2	341
26	Constraint-induced movement therapy for motor recovery in chronic stroke patients. <i>Archives of Physical Medicine and Rehabilitation</i> , 1999, 80, 624-628.	0.9	309
27	The role of spouse reinforcement, perceived pain, and activity levels of chronic pain patients. <i>Journal of Psychosomatic Research</i> , 1987, 31, 251-259.	2.6	303
28	A meta-analysis of neurofunctional imaging studies of emotion and cognition in major depression. <i>NeuroImage</i> , 2012, 61, 677-685.	4.2	293
29	Failure of Extinction of Fear Responses in Posttraumatic Stress Disorder: Evidence From Second-Order Conditioning. <i>American Journal of Psychiatry</i> , 2007, 164, 1684-1692.	7.2	280
30	Chronic back pain and rheumatoid arthritis: Predicting pain and disability from cognitive variables. <i>Journal of Behavioral Medicine</i> , 1988, 11, 251-265.	2.1	259
31	Assessment of pain-related cognitions in chronic pain patients. <i>Behaviour Research and Therapy</i> , 1993, 31, 63-73.	3.1	258
32	Gender differences in the processing of standardized emotional visual stimuli in humans: a functional magnetic resonance imaging study. <i>Neuroscience Letters</i> , 2003, 348, 41-45.	2.1	254
33	The effect of opioids on phantom limb pain and cortical reorganization. <i>Pain</i> , 2001, 90, 47-55.	4.2	247
34	Cortical reorganisation and chronic pain: implications for rehabilitation. <i>Journal of Rehabilitation Medicine</i> , 2003, 35, 66-72.	1.1	247
35	Altered cortisol awakening response in posttraumatic stress disorder. <i>Psychoneuroendocrinology</i> , 2006, 31, 209-215.	2.7	237
36	The Brain's Response to Reward Anticipation and Depression in Adolescence: Dimensionality, Specificity, and Longitudinal Predictions in a Community-Based Sample. <i>American Journal of Psychiatry</i> , 2015, 172, 1215-1223.	7.2	237

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37	Impact of chronic pain on the spouse: Marital, emotional and physical consequences. <i>Journal of Psychosomatic Research</i> , 1987, 31, 63-71.	2.6	221
38	Plasticity in the motor system related to therapy-induced improvement of movement after stroke. <i>NeuroReport</i> , 1999, 10, 807-810.	1.2	216
39	Placebo analgesia: Psychological and neurobiological mechanisms. <i>Pain</i> , 2013, 154, 511-514.	4.2	206
40	Lower Ventral Striatal Activation During Reward Anticipation in Adolescent Smokers. <i>American Journal of Psychiatry</i> , 2011, 168, 540-549.	7.2	198
41	Startle reflex and emotion modulation impairment after a right amygdala lesion. <i>Brain</i> , 1996, 119, 1991-2004.	7.6	193
42	Mirrored, imagined and executed movements differentially activate sensorimotor cortex in amputees with and without phantom limb pain. <i>Pain</i> , 2010, 149, 296-304.	4.2	188
43	The arm motor ability test: Reliability, validity, and sensitivity to change of an instrument for assessing disabilities in activities of daily living. <i>Archives of Physical Medicine and Rehabilitation</i> , 1997, 78, 615-620.	0.9	186
44	Assessment of stress-related psychophysiological reactions in chronic back pain patients.. <i>Journal of Consulting and Clinical Psychology</i> , 1985, 53, 354-364.	2.0	179
45	Aversive Pavlovian conditioning in psychopaths: Peripheral and central correlates. <i>Psychophysiology</i> , 2002, 39, 505-518.	2.4	179
46	Comparison of the efficacy of electromyographic biofeedback, cognitive-behavioral therapy, and conservative medical interventions in the treatment of chronic musculoskeletal pain.. <i>Journal of Consulting and Clinical Psychology</i> , 1993, 61, 653-658.	2.0	178
47	Psychophysiology of chronic pain: Do chronic pain patients exhibit symptom-specific psychophysiological responses?. <i>Psychological Bulletin</i> , 1989, 105, 215-259.	6.1	174
48	Psychometric qualities of the German version of the Posttraumatic Diagnostic Scale (PTDS).. <i>Psychological Assessment</i> , 2006, 18, 262-268.	1.5	171
49	Operant behavioral treatment of fibromyalgia: A controlled study. <i>Arthritis and Rheumatism</i> , 2003, 49, 314-320.	6.7	164
50	Maladaptive plasticity, memory for pain and phantom limb pain: review and suggestions for new therapies. <i>Expert Review of Neurotherapeutics</i> , 2008, 8, 809-818.	2.8	159
51	Effects of different viewing perspectives on somatosensory activations during observation of touch. <i>Human Brain Mapping</i> , 2009, 30, 2722-2730.	3.6	159
52	The psychobiology of chronic pain. <i>Advances in Behaviour Research and Therapy</i> , 1990, 12, 47-84.	3.0	158
53	Context conditioning and extinction in humans: differential contribution of the hippocampus, amygdala and prefrontal cortex. <i>European Journal of Neuroscience</i> , 2009, 29, 823-832.	2.6	157
54	Cerebral processing of pain in school-aged children with neonatal nociceptive input: An exploratory fMRI study. <i>Pain</i> , 2010, 150, 257-267.	4.2	157

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55	Early Cannabis Use, Polygenic Risk Score for Schizophrenia and Brain Maturation in Adolescence. <i>JAMA Psychiatry</i> , 2015, 72, 1002.	11.0	156
56	The role of operant conditioning in chronic pain: an experimental investigation. <i>Pain</i> , 2002, 95, 111-118.	4.2	153
57	Methodological aspects of clinical trials in tinnitus: A proposal for an international standard. <i>Journal of Psychosomatic Research</i> , 2012, 73, 112-121.	2.6	152
58	Stratified medicine for mental disorders. <i>European Neuropsychopharmacology</i> , 2014, 24, 5-50.	0.7	152
59	Impairment of Cognitive Abilities and Decision Making after Chronic Use of Alcohol: The Impact of Multiple Detoxifications. <i>Alcohol and Alcoholism</i> , 2009, 44, 372-381.	1.6	149
60	A multimodal brain-based feedback and communication system. <i>Experimental Brain Research</i> , 2004, 154, 521-526.	1.5	145
61	Psychological pain treatment in fibromyalgia syndrome: efficacy of operant behavioural and cognitive behavioural treatments. <i>Arthritis Research and Therapy</i> , 2006, 8, R121.	3.5	140
62	Risk Taking and the Adolescent Reward System: A Potential Common Link to Substance Abuse. <i>American Journal of Psychiatry</i> , 2012, 169, 39-46.	7.2	138
63	Input-increase and input-decrease types of cortical reorganization after upper extremity amputation in humans. <i>Experimental Brain Research</i> , 1997, 117, 161-164.	1.5	134
64	Pain and families. I. Etiology, maintenance, and psychosocial impact. <i>Pain</i> , 1987, 30, 3-27.	4.2	132
65	Symptom-Specific Psychophysiological Responses in Chronic Pain Patients. <i>Psychophysiology</i> , 1992, 29, 452-460.	2.4	131
66	Brain Activation Elicited by Affectively Positive Stimuli Is Associated With a Lower Risk of Relapse in Detoxified Alcoholic Subjects. <i>Alcoholism: Clinical and Experimental Research</i> , 2007, 31, 1138-1147.	2.4	131
67	Classical conditioning and expectancy in placebo hypoalgesia: A randomized controlled study in patients with atopic dermatitis and persons with healthy skin. <i>Pain</i> , 2007, 128, 31-39.	4.2	130
68	Altered neural reward and loss processing and prediction error signalling in depression. <i>Social Cognitive and Affective Neuroscience</i> , 2015, 10, 1102-1112.	3.0	130
69	Reduced volume of Heschl's gyrus in tinnitus. <i>NeuroImage</i> , 2009, 45, 927-939.	4.2	128
70	Determinants of Early Alcohol Use In Healthy Adolescents: The Differential Contribution of Neuroimaging and Psychological Factors. <i>Neuropsychopharmacology</i> , 2012, 37, 986-995.	5.4	124
71	Transient Receptor Potential Channel Polymorphisms Are Associated with the Somatosensory Function in Neuropathic Pain Patients. <i>PLoS ONE</i> , 2011, 6, e17387.	2.5	123
72	Serotonin Transporter Genotype (5-HTTLPR): Effects of Neutral and Undefined Conditions on Amygdala Activation. <i>Biological Psychiatry</i> , 2007, 61, 1011-1014.	1.3	122

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73	Relationship of pain impact and significant other reinforcement of pain behaviors: The mediating role of gender, marital status and marital satisfaction. <i>Pain</i> , 1989, 38, 45-50.	4.2	119
74	A simultaneous EEG-fMRI study of painful electric stimulation. <i>NeuroImage</i> , 2007, 34, 1428-1437.	4.2	118
75	Cardiac awareness and autonomic cardiac reactivity during emotional picture viewing and mental stress. <i>Psychophysiology</i> , 2010, 47, 342-354.	2.4	117
76	The cortical somatotopic map and phantom phenomena in subjects with congenital limb atrophy and traumatic amputees with phantom limb pain. <i>European Journal of Neuroscience</i> , 1998, 10, 1095-1102.	2.6	115
77	Brain communication in a completely locked-in patient using bedside near-infrared spectroscopy. <i>Neurology</i> , 2014, 82, 1930-1932.	1.1	115
78	Stress-related electromyographic responses in patients with chronic temporomandibular pain. <i>Pain</i> , 1991, 46, 145-152.	4.2	112
79	Cue exposure in the treatment of alcohol dependence: Effects on drinking outcome, craving and self-efficacy. <i>British Journal of Clinical Psychology</i> , 2006, 45, 515-529.	3.5	112
80	Responses to pain in school-aged children with experience in a neonatal intensive care unit: Cognitive aspects and maternal influences. <i>European Journal of Pain</i> , 2009, 13, 94-101.	2.8	109
81	To gamble or not to gamble: At risk for craving and relapse – learned motivated attention in pathological gambling. <i>Biological Psychology</i> , 2011, 87, 275-281.	2.2	108
82	Neural and Cognitive Correlates of the Common and Specific Variance Across Externalizing Problems in Young Adolescence. <i>American Journal of Psychiatry</i> , 2014, 171, 1310-1319.	7.2	107
83	Low-Back Pain Patients Learn to Adapt Motor Behavior With Adverse Secondary Consequences. <i>Exercise and Sport Sciences Reviews</i> , 2017, 45, 223-229.	3.0	107
84	Psychophysiological and subjective indicators of aversive pavlovian conditioning in generalized social phobia. <i>Biological Psychiatry</i> , 2002, 52, 328-337.	1.3	105
85	A Placebo-Controlled Randomized Crossover Trial of the N-Methyl-d-Aspartic Acid Receptor Antagonist, Memantine, in Patients with Chronic Phantom Limb Pain. <i>Anesthesia and Analgesia</i> , 2004, 98, 408-413.	2.2	104
86	A psychophysiological analysis of spouse solicitousness towards pain behaviors, spouse interaction, and pain perception. <i>Behavior Therapy</i> , 1995, 26, 255-272.	2.4	102
87	Dynamic modulation of the primary somatosensory cortex during seeing and feeling a touched hand. <i>NeuroImage</i> , 2006, 29, 587-592.	4.2	101
88	Responder criteria for operant and cognitive-behavioral treatment of fibromyalgia syndrome. <i>Arthritis and Rheumatism</i> , 2007, 57, 830-836.	6.7	100
89	Efficacy of EMG biofeedback, pseudotherapy and conventional medical treatment for chronic rheumatic back pain. <i>Pain</i> , 1983, 17, 21-31.	4.2	98
90	The relationship of phantom limb pain to other phantom limb phenomena in upper extremity amputees. <i>Pain</i> , 1997, 72, 87-93.	4.2	95

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91	New developments in the understanding and management of persistent pain. <i>Current Opinion in Psychiatry</i> , 2012, 25, 109-113.	6.3	95
92	Neural Internet: Web Surfing with Brain Potentials for the Completely Paralyzed. <i>Neurorehabilitation and Neural Repair</i> , 2006, 20, 508-515.	2.9	94
93	Emotional learning during dissociative states in borderline personality disorder. <i>Journal of Psychiatry and Neuroscience</i> , 2009, 34, 214-22.	2.4	94
94	Fear conditioning in psychopaths: Event-related potentials and peripheral measures. <i>Biological Psychology</i> , 2012, 90, 50-59.	2.2	93
95	Central Processing of Acute Muscle Pain in Chronic Low Back Pain Patients: An EEG Mapping Study. <i>Journal of Clinical Neurophysiology</i> , 2007, 24, 76-83.	1.7	92
96	Effects of Repeated Withdrawal from Alcohol on Recovery of Cognitive Impairment under Abstinence and Rate of Relapse. <i>Alcohol and Alcoholism</i> , 2010, 45, 541-547.	1.6	92
97	Brain (re)organisation following amputation: Implications for phantom limb pain. <i>NeuroImage</i> , 2020, 218, 116943.	4.2	92
98	Processing of pain- and body-related verbal material in chronic pain patients: central and peripheral correlates. <i>Pain</i> , 1997, 73, 413-421.	4.2	90
99	The Assessment of Pain Coping and Pain-Related Cognitions in Children and Adolescents: Current Methods and Further Development. <i>Journal of Pain</i> , 2007, 8, 802-813.	1.4	90
100	<i>RASGRF2</i> regulates alcohol-induced reinforcement by influencing mesolimbic dopamine neuron activity and dopamine release. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 21128-21133.	7.1	90
101	Blockade of Cue-induced Brain Activation of Abstinent Alcoholics by a Single Administration of Amisulpride as Measured With fMRI. <i>Alcoholism: Clinical and Experimental Research</i> , 2006, 30, 1349-1354.	2.4	88
102	Peripheral and electrocortical responses to painful and non-painful stimulation in chronic pain patients, tension headache patients and healthy controls. <i>Neuroscience Letters</i> , 2004, 361, 147-150.	2.1	87
103	Psychophysiological responses to drug-associated stimuli in chronic heavy cannabis use. <i>European Journal of Neuroscience</i> , 2008, 27, 976-983.	2.6	87
104	Blunted ventral striatal responses to anticipated rewards foreshadow problematic drug use in novelty-seeking adolescents. <i>Nature Communications</i> , 2017, 8, 14140.	12.8	87
105	Deficient fear extinction memory in posttraumatic stress disorder. <i>Neurobiology of Learning and Memory</i> , 2016, 136, 116-126.	1.9	86
106	The functional organization of the brain in chronic pain. <i>Progress in Brain Research</i> , 2000, 129, 313-322.	1.4	82
107	Association of Cannabis Use During Adolescence With Neurodevelopment. <i>JAMA Psychiatry</i> , 2021, 78, 1031.	11.0	82
108	Brain areas activated in fMRI during self-regulation of slow cortical potentials (SCPs). <i>Experimental Brain Research</i> , 2003, 152, 113-122.	1.5	80

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109	Simultaneous EEG and fMRI Reveals a Causally Connected Subcortical-Cortical Network during Reward Anticipation. <i>Journal of Neuroscience</i> , 2013, 33, 14526-14533.	3.6	80
110	Pavlovian conditioning of muscular responses in chronic pain patients: central and peripheral correlates. <i>Pain</i> , 2004, 112, 239-247.	4.2	79
111	Brain correlates of stress-induced analgesia. <i>Pain</i> , 2010, 151, 522-529.	4.2	79
112	Placebo analgesia: Clinical applications. <i>Pain</i> , 2014, 155, 1055-1058.	4.2	79
113	Behavioral and neurophysiological evidence for altered processing of anxiety-related words in panic disorder.. <i>Journal of Abnormal Psychology</i> , 1997, 106, 213-220.	1.9	78
114	The Importance of Synchrony and Temporal Order of Visual and Tactile Input for Illusory Limb Ownership Experiences – An fMRI Study Applying Virtual Reality. <i>PLoS ONE</i> , 2014, 9, e87013.	2.5	78
115	Quantitative sensory testing in children with migraine: Preliminary evidence for enhanced sensitivity to painful stimuli especially in girls. <i>Pain</i> , 2006, 123, 10-18.	4.2	77
116	Amygdalar and hippocampal volume: A comparison between manual segmentation, Freesurfer and VBM. <i>Journal of Neuroscience Methods</i> , 2015, 253, 254-261.	2.5	77
117	Cortical correlates of semantic classical conditioning. <i>Psychophysiology</i> , 1996, 33, 644-649.	2.4	76
118	Sensorimotor training and cortical reorganization. <i>NeuroRehabilitation</i> , 2009, 25, 19-27.	1.3	75
119	Genetic variants associated with longitudinal changes in brain structure across the lifespan. <i>Nature Neuroscience</i> , 2022, 25, 421-432.	14.8	75
120	Structural brain correlates of heart rate variability in a healthy young adult population. <i>Brain Structure and Function</i> , 2017, 222, 1061-1068.	2.3	73
121	Emotional modulation of pain: A clinical perspective. <i>Pain</i> , 2006, 124, 264-268.	4.2	72
122	The neural basis of phantom limb pain. <i>Trends in Cognitive Sciences</i> , 2013, 17, 307-308.	7.8	72
123	Bigger is better! Hippocampal volume and declarative memory performance in healthy young men. <i>Brain Structure and Function</i> , 2014, 219, 255-267.	2.3	71
124	Pain and families. II. Assessment and treatment. <i>Pain</i> , 1987, 30, 29-45.	4.2	70
125	Psychophysiological responses in patients with fibromyalgia syndrome. <i>Journal of Psychosomatic Research</i> , 2006, 61, 671-679.	2.6	70
126	Positive Association of Video Game Playing with Left Frontal Cortical Thickness in Adolescents. <i>PLoS ONE</i> , 2014, 9, e91506.	2.5	70

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127	Grey Matter Volume Differences Associated with Extremely Low Levels of Cannabis Use in Adolescence. <i>Journal of Neuroscience</i> , 2019, 39, 1817-1827.	3.6	70
128	Aversive Pavlovian conditioning in psychopaths: Peripheral and central correlates. <i>Psychophysiology</i> , 2002, 39, 505-518.	2.4	70
129	CLINICAL STUDY: Attentional bias in alcohol-dependent patients: the role of chronicity and executive functioning. <i>Addiction Biology</i> , 2009, 14, 194-203.	2.6	69
130	Mapping adolescent reward anticipation, receipt, and prediction error during the monetary incentive delay task. <i>Human Brain Mapping</i> , 2019, 40, 262-283.	3.6	69
131	The perceptual and neuronal stability of the rubber hand illusion across contexts and over time. <i>Brain Research</i> , 2012, 1452, 130-139.	2.2	68
132	Deficient modulation of pain by a positive emotional context in fibromyalgia patients. <i>Pain</i> , 2013, 154, 1846-1855.	4.2	68
133	Association of Protein Phosphatase-1 With Alcohol Use Disorder and Brain Activity During Behavioral Control in a Genome-Wide Methylation Analysis. <i>American Journal of Psychiatry</i> , 2015, 172, 543-552.	7.2	68
134	Simultaneous EEG-fMRI reveals brain networks underlying recognition memory ERP old/new effects. <i>NeuroImage</i> , 2015, 116, 112-122.	4.2	68
135	Structural white matter changes in adults and children with posttraumatic stress disorder: A systematic review and meta-analysis. <i>NeuroImage: Clinical</i> , 2018, 19, 581-598.	2.7	68
136	The modification of cortical reorganization and chronic pain by sensory feedback. <i>Applied Psychophysiology Biofeedback</i> , 2002, 27, 215-227.	1.7	67
137	Creating probabilistic maps of the face network in the adolescent brain: A multicentre functional MRI study. <i>Human Brain Mapping</i> , 2012, 33, 938-957.	3.6	67
138	Enhancement of steady-state auditory evoked magnetic fields in tinnitus. <i>European Journal of Neuroscience</i> , 2004, 19, 1093-1104.	2.6	66
139	Auditory Discrimination Training for the Treatment of Tinnitus. <i>Applied Psychophysiology Biofeedback</i> , 2004, 29, 113-120.	1.7	66
140	Do burn injuries during infancy affect pain and sensory sensitivity in later childhood?. <i>Pain</i> , 2009, 141, 165-172.	4.2	66
141	Pavlovian conditioning of opioid and nonopioid pain inhibitory mechanisms in humans. <i>European Journal of Pain</i> , 2002, 6, 395-402.	2.8	65
142	Activation of the ventral striatum during aversive contextual conditioning in humans. <i>Biological Psychology</i> , 2012, 91, 74-80.	2.2	65
143	Conditioned stress-induced analgesia in humans. <i>European Journal of Pain</i> , 1999, 3, 317-324.	2.8	62
144	A neural substrate for nonpainful phantom limb phenomena. <i>NeuroReport</i> , 2000, 11, 1407-1411.	1.2	62

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145	Psychological pain interventions and neurophysiology: Implications for a mechanism-based approach.. American Psychologist, 2014, 69, 188-196.	4.2	61
146	Neuroelectric source imaging of steady-state movement-related cortical potentials in human upper extremity amputees with and without phantom limb pain. Pain, 2004, 110, 90-102.	4.2	58
147	Rsu1 regulates ethanol consumption in <i>Drosophila</i> and humans. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E4085-93.	7.1	57
148	Hippocampal but not amygdalar volume affects contextual fear conditioning in humans. Human Brain Mapping, 2012, 33, 478-488.	3.6	56
149	Can Humans Perceive Their Brain States?. Consciousness and Cognition, 2002, 11, 98-113.	1.5	55
150	Predictors of pain behaviors in fibromyalgia syndrome. Arthritis and Rheumatism, 2005, 53, 343-350.	6.7	55
151	Aversive Pavlovian conditioning in psychopaths: peripheral and central correlates. Psychophysiology, 2002, 39, 505-18.	2.4	55
152	Phantom limb pain: cortical plasticity and novel therapeutic approaches. Current Opinion in Anaesthesiology, 2000, 13, 561-564.	2.0	54
153	Pain Catastrophizing and Pain-related Emotions. Clinical Journal of Pain, 2011, 27, 578-586.	1.9	54
154	Neural Mechanisms of Attention-Deficit/Hyperactivity Disorder Symptoms Are Stratified by MAOA Genotype. Biological Psychiatry, 2013, 74, 607-614.	1.3	54
155	Site-specific visual feedback reduces pain perception. Pain, 2013, 154, 890-896.	4.2	54
156	An augmented reality home-training system based on the mirror training and imagery approach. Behavior Research Methods, 2014, 46, 634-640.	4.0	54
157	Cannabis use in early adolescence: Evidence of amygdala hypersensitivity to signals of threat. Developmental Cognitive Neuroscience, 2015, 16, 63-70.	4.0	54
158	Brain Regions Related to Impulsivity Mediate the Effects of Early Adversity on Antisocial Behavior. Biological Psychiatry, 2017, 82, 275-282.	1.3	54
159	Sex Differences in COMT Polymorphism Effects on Prefrontal Inhibitory Control in Adolescence. Neuropsychopharmacology, 2014, 39, 2560-2569.	5.4	53
160	Oxytocin Receptor Genotype Modulates Ventral Striatal Activity to Social Cues and Response to Stressful Life Events. Biological Psychiatry, 2014, 76, 367-376.	1.3	53
161	The Relationship Among Psychological and Psychophysiological Characteristics of Fibromyalgia Patients. Journal of Pain, 2015, 16, 186-196.	1.4	53
162	Neural basis of reward anticipation and its genetic determinants. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 3879-3884.	7.1	53

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163	Discrimination of muscle tension in chronic pain patients and healthy controls. <i>Biofeedback and Self-regulation</i> , 1992, 17, 165-177.	0.2	51
164	Phantom phenomena in mastectomized patients and their relation to chronic and acute pre-mastectomy pain. <i>Pain</i> , 2004, 107, 140-146.	4.2	51
165	Cortico-subcortical activation patterns for itch and pain imagery. <i>Pain</i> , 2013, 154, 1989-1998.	4.2	51
166	No Differences in Hippocampal Volume between Carriers and Non-Carriers of the ApoE ϵ 4 and ϵ 2 Alleles in Young Healthy Adolescents. <i>Journal of Alzheimer's Disease</i> , 2014, 40, 37-43.	2.6	51
167	Evidence for a change in neural processing in phantom limb pain patients. <i>Pain</i> , 1996, 67, 275-283.	4.2	49
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