Luis Garcia-Larrea

List of Publications by Year
in descending order

191 papers	19,362 citations	16451 64 h-index	11607 135 g-index
214 all docs	214 docs citations	214 times ranked	13217 citing authors

#	Article	IF	Citations
1	Functional imaging of brain responses to pain. A review and meta-analysis (2000). Neurophysiologie Clinique, 2000, 30, 263-288.	2.2	1,898
2	Evidence-based guidelines on the therapeutic use of repetitive transcranial magnetic stimulation (rTMS). Clinical Neurophysiology, 2014, 125, 2150-2206.	1.5	1,647
3	Evidence-based guidelines on the therapeutic use of transcranial direct current stimulation (tDCS). Clinical Neurophysiology, 2017, 128, 56-92.	1.5	1,213
4	EFNS guidelines on neurostimulation therapy for neuropathic pain. European Journal of Neurology, 2007, 14, 952-970.	3.3	601
5	Recommendations for the clinical use of somatosensory-evoked potentials. Clinical Neurophysiology, 2008, 119, 1705-1719.	1.5	552
6	Haemodynamic brain responses to acute pain in humans. Brain, 1999, 122, 1765-1780.	7.6	531
7	Electrical stimulation of motor cortex for pain control: a combined PET-scan and electrophysiological study. Pain, 1999, 83, 259-273.	4.2	473
8	Brain generators of laser-evoked potentials: from dipoles to functional significance. Neurophysiologie Clinique, 2003, 33, 279-292.	2.2	460
9	EFNS guidelines on neuropathic pain assessment. European Journal of Neurology, 2004, 11, 153-162.	3.3	453
10	EFNS guidelines on neuropathic pain assessment: revised 2009. European Journal of Neurology, 2010, 17, 1010-1018.	3.3	442
11	Pain matrices and neuropathic pain matrices: A review. Pain, 2013, 154, S29-S43.	4.2	374
12	A differential brain response to the subject's own name persists during sleep. Clinical Neurophysiology, 1999, 110, 2153-2164.	1.5	277
13	Association and dissociation between laser-evoked potentials and pain perception. NeuroReport, 1997, 8, 3785-3789.	1.2	257
14	Motor cortex stimulation in neuropathic pain. Correlations between analgesic effect and hemodynamic changes in the brain. A PET study. NeuroImage, 2007, 34, 310-321.	4.2	254
15	Motor cortex stimulation for pain control induces changes in the endogenous opioid system. Neurology, 2007, 69, 827-834.	1.1	249
16	Electrical stimulation of precentral cortical area in the treatment of central pain: electrophysiological and PET study. Pain, 1995, 62, 275-286.	4.2	238
17	Revisiting the oddball paradigm. Non-target vs neutral stimuli and the evaluation of ERP attentional effects. Neuropsychologia, 1992, 30, 723-741.	1.6	223
18	Transcranial magnetic stimulation for pain control. Double-blind study of different frequencies against placebo, and correlation with motor cortex stimulation efficacy. Clinical Neurophysiology, 2006, 117, 1536-1544.	1.5	216

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19	Motor cortex stimulation for refractory neuropathic pain: Four year outcome and predictors of efficacy. Pain, 2005, 118, 43-52.	4.2	210
20	Somatosensory responses during selective spatial attention: The N120-to-N140 trasition. Psychophysiology, 1995, 32, 526-537.	2.4	208
21	<scp>EAN</scp> guidelines on central neurostimulation therapy in chronic pain conditions. European Journal of Neurology, 2016, 23, 1489-1499.	3.3	205
22	Motor cortex stimulation for neuropathic pain: From phenomenology to mechanisms. NeuroImage, 2007, 37, S71-S79.	4.2	204
23	Role of Operculoinsular Cortices in Human Pain Processing: Converging Evidence from PET, fMRI, Dipole Modeling, and Intracerebral Recordings of Evoked Potentials. NeuroImage, 2002, 17, 1336-1346.	4.2	200
24	Thalamic deactivation at sleep onset precedes that of the cerebral cortex in humans. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 3829-3833.	7.1	196
25	Brain Processing of Stimulus Deviance During Slow-Wave and Paradoxical Sleep. Journal of Clinical Neurophysiology, 1995, 12, 155-167.	1.7	189
26	Laser-evoked potential abnormalities in central pain patients: the influence of spontaneous and provoked pain. Brain, 2002, 125, 2766-2781.	7.6	188
27	Contribution of attentional and cognitive factors to laser evoked brain potentials. Neurophysiologie Clinique, 2003, 33, 293-301.	2.2	186
28	An fMRI study of cortical representation of mechanical allodynia in patients with neuropathic pain. Neurology, 2004, 63, 1838-1846.	1.1	183
29	Allodynia after lateral-medullary (Wallenberg) infarct. A PET study. Brain, 1998, 121, 345-356.	7.6	178
30	Reappraising neuropathic pain in humansâ€"how symptoms help disclose mechanisms. Nature Reviews Neurology, 2013, 9, 572-582.	10.1	178
31	Human SII and Posterior Insula Differently Encode Thermal Laser Stimuli. Cerebral Cortex, 2006, 17, 610-620.	2.9	174
32	P3, Positive slow wave and working memory load: a study on the functional correlates of slow wave activity. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1998, 108, 260-273.	2.0	159
33	The relation of putamen and caudate nucleus 18F-Dopa uptake to motor and cognitive performances in Parkinsonâ€™s disease. Journal of the Neurological Sciences, 1999, 166, 141-151.	0.6	148
34	Differential brain opioid receptor availability in central and peripheral neuropathic pain. Pain, 2007, 127, 183-194.	4.2	143
35	Operculo-insular pain (parasylvian pain): a distinct central pain syndrome. Brain, 2010, 133, 2528-2539.	7.6	138
36	Parietal and cingulate processes in central pain. A combined positron emission tomography (PET) and functional magnetic resonance imaging (fMRI) study of an unusual case. Pain, 2000, 84, 77-87.	4.2	136

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37	Parallel Processing of Nociceptive A-Î´ Inputs in SII and Midcingulate Cortex in Humans. Journal of Neuroscience, 2008, 28, 944-952.	3.6	134
38	Does the insula tell our brain that we are in pain?. Pain, 2011, 152, 946-951.	4.2	134
39	Emotional Modulation of Pain: Is It the Sensation or What We Recall?. Journal of Neuroscience, 2006, 26, 11454-11461.	3.6	131
40	Mapping study of somatosensory evoked potentials during selective spatial attention. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1991, 80, 201-214.	2.0	129
41	Positron Emission Tomography during Motor Cortex Stimulation for Pain Control. Stereotactic and Functional Neurosurgery, 1997, 68, 141-148.	1.5	128
42	Evoked potentials as a tool for the investigation of human sleep. Sleep Medicine Reviews, 1999, 3, 23-45.	8.5	124
43	Attention shifts and anticipatory mechanisms in hyperactive children: an ERP study using the Posner paradigm. Biological Psychiatry, 2001, 50, 44-57.	1.3	122
44	Pain relief by rTMS. Neurology, 2008, 71, 833-840.	1.1	122
45	The posterior insular-opercular region and the search of a primary cortex for pain. Neurophysiologie Clinique, 2012, 42, 299-313.	2.2	117
46	Subthalamic nucleus stimulation in Parkinsonâ€™s disease. Journal of Neurology, 2006, 253, 1347-1355.	3.6	107
47	Pain networks from the inside: Spatiotemporal analysis of brain responses leading from nociception to conscious perception. Human Brain Mapping, 2016, 37, 4301-4315.	3.6	104
48	Responses of the supra-sylvian (SII) cortex in humans to painful and innocuous stimuli. Pain, 2001, 94, 65-73.	4.2	103
49	On the importance of placebo timing in rTMS studies for pain relief. Pain, 2011, 152, 1233-1237.	4.2	96
50	Semantic analysis of auditory input during sleep: studies with event related potentials. International Journal of Psychophysiology, 2002, 46, 243-255.	1.0	95
51	Precentral Cortex Stimulation for the Treatment of Central Neuropathic Pain. Stereotactic and Functional Neurosurgery, 1999, 73, 122-125.	1.5	93
52	Source propagation of interictal spikes in temporal lobe epilepsy. Brain, 1996, 119, 377-392.	7.6	91
53	Pain and consciousness. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2018, 87, 193-199.	4.8	89
54	Predictive Value of Somatosensory Evoked Potentials for Long-lasting Pain Relief after Spinal Cord Stimulation: Practical Use for Patient Selection. Neurosurgery, 2003, 52, 1374-1384.	1.1	88

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55	Cortical representation of pain in primary sensory-motor areas (S1/M1)-a study using intracortical recordings in humans. Human Brain Mapping, 2013, 34, 2655-2668.	3.6	87
56	Modulation of the N400 potential during auditory phonological/semantic interaction. Cognitive Brain Research, 2003, 17, 36-47.	3.0	83
57	Involuntary Orienting of Attention to Nociceptive Events: Neural and Behavioral Signatures. Journal of Neurophysiology, 2009, 102, 2423-2434.	1.8	83
58	Brain opioid receptor density predicts motor cortex stimulation efficacy for chronic pain. Pain, 2013, 154, 2563-2568.	4.2	82
59	Thalamic pain: anatomical and physiological indices of prediction. Brain, 2016, 139, 708-722.	7.6	80
60	Evoked potentials to nociceptive stimuli delivered by CO2 or Nd:YAP lasers. Clinical Neurophysiology, 2008, 119, 2615-2622.	1.5	76
61	Relief of Dyspnea Involves a Characteristic Brain Activation and a Specific Quality of Sensation. American Journal of Respiratory and Critical Care Medicine, 2008, 177, 440-449.	5.6	75
62	Objective pain diagnostics: Clinical neurophysiology. Neurophysiologie Clinique, 2012, 42, 187-197.	2.2	71
63	Do we activate specifically somatosensory thin fibres with the concentric planar electrode? A scalp and intracranial EEG study. Pain, 2012, 153, 1244-1252.	4.2	66
64	Nociceptive flexion reflexes during analgesic neurostimulation in man. Pain, 1989, 39, 145-156.	4.2	64
65	Functional Imaging and Neurophysiological Assessment of Spinal and Brain Therapeutic Modulation in Humans. Archives of Medical Research, 2000, 31, 248-257.	3.3	64
66	Thalamic thermo-algesic transmission: ventral posterior (VP) complex versus VMpo in the light of a thalamic infarct with central pain. Pain, 2005, 113, 223-232.	4.2	64
67	Topographical reliability of mesio-temporal sources of interictal spikes in temporal lobe epilepsy. Electroencephalography and Clinical Neurophysiology, 1998, 107, 206-212.	0.3	62
68	Brain-stem monitoring. II. Preterminal BAEP changes observed until brain death in deeply comatose patients. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1987, 68, 446-457.	2.0	61
69	Laser evoked responses to painful stimulation persist during sleep and predict subsequent arousals. Pain, 2008, 137, 589-599.	4.2	61
70	On the origin of painful somatosensory seizures. Neurology, 2015, 84, 594-601.	1.1	61
71	Insular and anterior cingulate cortex deep stimulation for central neuropathic pain. Neurology, 2019, 92, e2165-e2175.	1.1	60
72	Apparent asynchrony between interictal electric and magnetic spikes. NeuroReport, 1997, 8, 1071-1076.	1.2	56

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73	Auditory event-related potentials and clinical scores in unmedicated schizophrenic patients. Psychiatry Research, 1999, 86, 229-238.	3.3	56
74	Detection of verbal discordances during sleep. NeuroReport, 2002, 13, 1345-1349.	1.2	53
75	Target side and scalp topography of the somatosensory P300. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1993, 88, 468-477.	2.0	51
76	Human surrogate models of central sensitization: A critical review and practical guide. European Journal of Pain, 2021, 25, 1389-1428.	2.8	51
77	Visuospatial attention and motor reaction in children: An electrophysiological study of the "Posner" paradigm. Psychophysiology, 2000, 37, 231-241.	2.4	50
78	Inhibition of cortical responses to AÎ´ inputs by a preceding C-related response: Testing the â€œfirst come, first servedâ€•hypothesis of cortical laser evoked potentials. Pain, 2007, 131, 341-347.	4.2	50
79	Is Life better after motor cortex stimulation for pain control? Results at long-term and their prediction by preoperative rTMS. Pain Physician, 2014, 17, 53-62.	0.4	50
80	Hyperalgesia with reduced laser evoked potentials in neuropathic pain. Pain, 1999, 80, 209-214.	4.2	49
81	How the pain of others enhances our pain: Searching the cerebral correlates of â€˜compassional hyperalgesiaâ€™. European Journal of Pain, 2012, 16, 748-759.	2.8	49
82	Sleep/wake abnormalities in patients with periodic leg movements during sleep: Factor analysis on data from 24-h ambulatory polygraphy. Journal of Sleep Research, 1999, 8, 217-223.	3.2	45
83	Somatotopic effects of <scp>rTMS</scp> in neuropathic pain? A comparison between stimulation over hand and face motor areas. European Journal of Pain, 2018, 22, 707-715.	2.8	45
84	Human Thalamic Medial Pulvinar Nucleus is not Activated during Paradoxical Sleep. Cerebral Cortex, 2004, 14, 858-862.	2.9	43
85	Clinical use of polysynaptic flexion reflexes in the management of spasticity with intrathecal baclofen. Electroencephalography and Clinical Neurophysiology - Electromyography and Motor Control, 1997, 105, 141-148.	1.4	42
86	Convergence of sensory and limbic noxious input into the anterior insula and the emergence of pain from nociception. Scientific Reports, 2018, 8, 13360.	3.3	42
87	Flexion reflexes following anterolateral cordotomy in man: dissociation between pain sensation and nociceptive reflex RIII. Pain, 1993, 55, 139-149.	4.2	41
88	On the relation between sensory deafferentation, pain and thalamic activity in Wallenberg's syndrome: A PET-scan study before and after motor cortex stimulation. European Journal of Pain, 2006, 10, 677-677.	2.8	41
89	Autonomic pain responses during sleep: A study of heart rate variability. European Journal of Pain, 2011, 15, 554-560.	2.8	41
90	Dissociable ERP profiles for processing rules vs instances in a cognitive sequencing task. NeuroReport, 2000, 11, 1129-1132.	1.2	39

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91	Somatosensory volleys and cortical evoked potentials: â€˜First come, first servedâ€™?. Pain, 2004, 112, 5-7.	4.2	39
92	Brain-stem monitoring. I. A system for high-rate sequential BAEP recording and feature extraction. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1987, 68, 433-445.	2.0	38
93	Functional dissociation of the early and late portions of human K-complexes. NeuroReport, 2000, 11, 1637-1640.	1.2	38
94	High Signal Intensity on T2- Weighted MRI Correlates with Hypoperfusion in Temporal Lobe Epilepsy. Epilepsia, 1992, 33, 28-35.	5.1	37
95	Effects of GABAA receptors activation on brain glucose metabolism in normal subjects and temporal lobe epilepsy (TLE) patients. A positron emission tomography (PET) study Part I: Brain glucose metabolism is increased after GABAA receptors activation. Epilepsy Research, 1994, 19, 45-54.	1.6	37
96	Chapter 12 Clinical utility of pain - laser evoked potentials. Supplements To Clinical Neurophysiology, 2004, 57, 101-110.	2.1	36
97	Mechanical allodynia in neuropathic pain. Where are the brain representations located? A positron emission tomography (PET) study. European Journal of Pain, 2013, 17, 1327-1337.	2.8	35
98	Event-related potentials during forced awakening: a tool for the study of acute sleep inertia. Journal of Sleep Research, 2003, 12, 189-206.	3.2	34
99	Enhancing non-noxious perception: Behavioural and neurophysiological correlates of a placebo-like manipulation. Neuroscience, 2012, 217, 96-104.	2.3	33
100	How can we explain the frontal presentation of insular lobe epilepsy? The impact of non-linear analysis of insular seizures. Clinical Neurophysiology, 2017, 128, 780-791.	1.5	31
101	The combined monitoring of brain stem auditory evoked potentials and intracranial pressure in coma. A study of 57 patients.. Journal of Neurology, Neurosurgery and Psychiatry, 1992, 55, 792-798.	1.9	30
102	Learning to react: anticipatory mechanisms in children and adults during a visuospatial attention task. Clinical Neurophysiology, 2005, 116, 1906-1917.	1.5	29
103	Pain dilates time perception. Scientific Reports, 2017, 7, 15682.	3.3	29
104	Electrical stimulation of the insular cortex as a novel target for the relief of refractory pain: An experimental approach in rodents. Behavioural Brain Research, 2018, 346, 86-95.	2.2	29
105	Electrophysiology in diagnosis and management of neuropathic pain. Revue Neurologique, 2019, 175, 26-37.	1.5	29
106	Central representation of the RIII flexion reflex associated with overt motor reaction: An fMRI study. Neurophysiologie Clinique, 2007, 37, 249-259.	2.2	27
107	Insights gained into pain processing from patients with focal brain lesions. Neuroscience Letters, 2012, 520, 188-191.	2.1	25
108	Long-Term Clinical, Electrophysiological and Urodynamic Effects of Chronic Intrathecal Baclofen Infusion for Treatment of Spinal Spasticity. Acta Neurochirurgica Supplementum, 1995, 64, 17-25.	1.0	25

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109	Evoked Potential Studies in Friedreich's Ataxia and Progressive Early Onset Cerebellar Ataxia. Canadian Journal of Neurological Sciences, 1988, 15, 292-298.	0.5	24
110	Pain influences hedonic assessment of visual inputs. European Journal of Neuroscience, 2008, 27, 2219-2228.	2.6	24
111	Thalamic Responses to Nociceptive-Specific Input in Humans: Functional Dichotomies and Thalamo-Cortical Connectivity. Cerebral Cortex, 2016, 26, 2663-2676.	2.9	24
112	Local sleep spindles in the human thalamus. Journal of Physiology, 2020, 598, 2109-2124.	2.9	24
113	Interference of Cellular Phone Conversations with Visuomotor Tasks: An ERP Study. Journal of Psychophysiology, 2001, 15, 14-21.	0.7	24
114	Simplified projection of EEG dipole sources onto human brain anatomy. Neurophysiologie Clinique, 1999, 29, 39-52.	2.2	23
115	Adaptation in human somatosensory cortex as a model of sensory memory construction: a study using high-density EEG. Brain Structure and Function, 2016, 221, 421-431.	2.3	23
116	Does an observer's empathy influence my pain? Effect of perceived empathetic or unempathetic support on a pain test. European Journal of Neuroscience, 2017, 46, 2629-2637.	2.6	23
117	Pain syndromes and the parietal lobe. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2018, 151, 207-223.	1.8	23
118	Transient drugâ€induced abolition of BAEPs in coma. Neurology, 1988, 38, 1487-1487.	1.1	23
119	Timing and characteristics of perceptual attenuation by transcranial stimulation: A study using magnetic cortical stimulation and somatosensory-evoked potentials. Psychophysiology, 1999, 36, 476-483.	2.4	22
120	Clinical Use of Nociceptive Flexion Reflex Recording in the Evaluation of Functional Neurosurgical Procedures. Acta Neurochirurgica Supplementum, 1989, 46, 53-57.	1.0	22
121	Changes in Sensory Hand Representation and Pain Thresholds Induced by Motor Cortex Stimulation in Humans. Cerebral Cortex, 2013, 23, 2667-2676.	2.9	21
122	Not an Aspirin: No Evidence for Acute Anti-Nociception to Laser-Evoked Pain After Motor Cortex rTMS in Healthy Humans. Brain Stimulation, 2016, 9, 48-57.	1.6	21
123	Multimodal approaches to laser-evoked potential generators. Pain Forum, 1998, 7, 216-220.	1.1	20
124	On the validity of interblock averaging of P300 in clinical settings. International Journal of Psychophysiology, 1999, 34, 103-112.	1.0	20
125	Filtering the reality: Functional dissociation of lateral and medial pain systems during sleep in humans. Human Brain Mapping, 2012, 33, 2638-2649.	3.6	20
126	Discriminating neurological from psychiatric hypersomnia using the forced awakening test. Neurophysiologie Clinique, 2013, 43, 171-179.	2.2	20

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127	Right frontal event related EEG coherence (ERCoh) differentiates good from bad performers of the Wisconsin Card Sorting Test (WCST). Neurophysiologie Clinique, 2007, 37, 63-75.	2.2	19
128	Modulation of laser-evoked potentials and pain perception by transcutaneous electrical nerve stimulation (TENS): A placebo-controlled study in healthy volunteers. Clinical Neurophysiology, 2013, 124, 1861-1867.	1.5	19
129	Motor Cortex Stimulation in Patients Suffering from Chronic Neuropathic Pain: Summary of Expert Meeting and Premeeting Questionnaire, Combined with Literature Review. World Neurosurgery, 2017, 108, 254-263.	1.3	19
130	Brain activity sustaining the modulation of pain by empathetic comments. Scientific Reports, 2019, 9, 8398.	3.3	19
131	Effects of GABAA receptors activation on brain glucose metabolism in normal subjects and temporal lobe epilepsy (TLE) patients. A positron emission tomography (PET) study Part II: The focal hypometabolism is reactive to GABAA agonist administration in TLE. Epilepsy Research, 1994, 19, 55-62.	1.6	18
132	Cognitive effects of precentral cortical stimulation for pain control: an ERP study. Neurophysiologie Clinique, 2002, 32, 313-325.	2.2	17
133	Sleep spindles and human cortical nociception: a surface and intracerebral electrophysiological study. Journal of Physiology, 2015, 593, 4995-5008.	2.9	17
134	Theta-burst versus 20ÂHz repetitive transcranial magnetic stimulation in neuropathic pain: A head-to-head comparison. Clinical Neurophysiology, 2021, 132, 2702-2710.	1.5	17
135	Human Thalamic and Cortical Activities Assessed by Dimension of Activation and Spectral Edge Frequency During Sleep Wake Cycles. Sleep, 2007, 30, 907-912.	1.1	16
136	Effects of aging on laser evoked potentials. Muscle and Nerve, 2015, 51, 736-742.	2.2	16
137	Randomized doubleâ€blind controlled study of bedtime lowâ€dose amitriptyline in chronic neck pain. European Journal of Pain, 2018, 22, 1180-1187.	2.8	16
138	At-Home Cortical Stimulation for Neuropathic Pain: a Feasibility Study with Initial Clinical Results. Neurotherapeutics, 2019, 16, 1198-1209.	4.4	16
139	Transcranial direct current stimulation of 3 cortical targets is no more effective than placebo as treatment for fibromyalgia: a double-blind sham-controlled clinical trial. Pain, 2022, 163, e850-e861.	4.2	16
140	Electrophysiological Assessment of Nociception in Normals and Patients: the Use of Nociceptive Reflexes. , 1990, 41, 102-118.		14
141	Surgical Procedures for Neuropathic Pain. Neurosurgery Quarterly, 2001, 11, 45-65.	0.1	13
142	Evidenceâ€based source modeling of nociceptive cortical responses: A direct comparison of scalp and intracranial activity in humans. Human Brain Mapping, 2017, 38, 6083-6095.	3.6	13
143	The Modular Organization of Pain Brain Networks: An fMRI Graph Analysis Informed by Intracranial EEG. Cerebral Cortex Communications, 2020, 1, tgaa088.	1.6	13
144	Asleep but aware?. Brain and Cognition, 2014, 87, 7-15.	1.8	12

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145	EEG changes reflecting pain: is alpha suppression better than gamma enhancement?. Neurophysiologie Clinique, 2021, 51, 209-218.	2.2	12
146	Filtering out repetitive auditory stimuli in fibromyalgia: A study of <scp>P50</scp> sensory gating. European Journal of Pain, 2015, 19, 576-584.	2.8	11
147	Theta-burst-induced seizures reported by Lenoir etÂal.: Anterior orÂposterior insular seizures?. Brain Stimulation, 2019, 12, 200-201.	1.6	11
148	Cortical modulation of nociception by galvanic vestibular stimulation: A potential clinical tool?. Brain Stimulation, 2020, 13, 60-68.	1.6	11
149	Brain Responses to Detection of Right or Left Somatic Targets are Symmetrical in Unilateral Parkinson's Disease: A Case Against the Concept of â€˜Parkinsonian Neglectâ€™. Cortex, 1996, 32, 679-691.	2.4	10
150	Differential effect of motor cortex stimulation on unit activities in the ventral posterior lateral thalamus in cats. Pain, 2018, 159, 157-167.	4.2	10
151	Chapter 30 Evoked potentials in the assessment of pain. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2006, 81, 439-XI.	1.8	9
152	Pain behavior without pain sensation: an epileptic syndrome of â€œsymbolism for painâ€?. Pain, 2020, 161, 502-508.	4.2	9
153	Intracortical Functional Connectivity Predicts Arousal to Noxious Stimuli during Sleep in Humans. Journal of Neuroscience, 2021, 41, 5115-5123.	3.6	9
154	Dissecting neuropathic from poststroke pain: the white matter within. Pain, 2022, 163, 765-778.	4.2	9
155	Third International Congress on Epilepsy, Brain, and Mind: Part 2. Epilepsy and Behavior, 2015, 50, 138-159.	1.7	8
156	How different experimental models of secondary hyperalgesia change the nociceptive flexion reflex. Clinical Neurophysiology, 2021, 132, 2989-2995.	1.5	8
157	Dissecting central post-stroke pain: a controlled symptom-psychophysical characterization. Brain Communications, 2022, 4, fcac090.	3.3	8
158	A hidden mesencephalic variant of central pain. European Journal of Pain, 2020, 24, 1393-1399.	2.8	7
159	Insular dichotomy in the implicit detection of emotions in human faces. Cerebral Cortex, 2022, 32, 4215-4228.	2.9	7
160	Cortical stimulation for chronic pain: from anecdote to evidence. European Journal of Physical and Rehabilitation Medicine, 2022, 58, .	2.2	7
161	Effect of sensory stimulus on striatal dopamine release in humans and cats: a [11C]raclopride PET study. Neuroscience Letters, 2004, 368, 46-51.	2.1	6
162	Stereotactic functional mapping of the cat motor cortex. Behavioural Brain Research, 2011, 225, 646-650.	2.2	6

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163	Insularâ€limbic dissociation to intraâ€epidermal electrical AÎ´ activation: A comparative study with thermoâ€nociceptive laser stimulation. European Journal of Neuroscience, 2018, 48, 3186-3198.	2.6	6
164	Somatosensory Thalamic Activity Modulation by Posterior Insular Stimulation: Cues to Clinical Application Based on Comparison of Frequencies in a Cat Model. Neuromodulation, 2021, 24, 229-239.	0.8	6
165	Cortical representation of the human hand assessed by two levels of highâ€resolution EEG recordings. Human Brain Mapping, 2011, 32, 1894-1904.	3.6	5
166	Contextual modulation of autonomic pain reactivity. Autonomic Neuroscience: Basic and Clinical, 2018, 212, 28-31.	2.8	5
167	Modulation of the N13 component of the somatosensory evoked potentials in an experimental model of central sensitization in humans. Scientific Reports, 2021, 11, 20838.	3.3	5
168	The N13 spinal component of somatosensory evoked potentials is modulated by heterotopic noxious conditioning stimulation suggesting an involvement of spinal wide dynamic range neurons. Neurophysiologie Clinique, 2021, 51, 517-523.	2.2	5
169	Hyperalgesia when observing pain-related images is a genuine bias in perception and enhances autonomic responses. Scientific Reports, 2019, 9, 15266.	3.3	4
170	Stimulation of the motor cerebral cortex in chronic neuropathic pain: the role of electrode localization over motor somatotopy. Journal of Neurosurgical Sciences, 2022, 66, .	0.6	4
171	RÃ1le des potentiels Ã©voquÃ©s par stimulation laser dans le diagnostic de la douleur centrale. Douleur Et Analgesie, 2008, 21, 93-98.	0.1	3
172	IMI2-PainCare-BioPain-RCT3: a randomized, double-blind, placebo-controlled, crossover, multi-center trial in healthy subjects to investigate the effects of lacosamide, pregabalin, and tapentadol on biomarkers of pain processing observed by electroencephalography (EEG). Trials, 2021, 22, 404.	1.6	3
173	Functional exploration for neuropathic pain. Advances and Technical Standards in Neurosurgery, 2011, , 25-63.	0.5	3
174	On insular responses and laser-evoked potentials. International Journal of Psychophysiology, 2002, 43, 197-198.	1.0	2
175	Striatal dopamine during sensorial stimulations: A [18F]FDOPA PET study in human and cats. Neuroscience Letters, 2005, 383, 63-67.	2.1	2
176	Syndrome Â«Âobsession-dÃ©personnalisationÂÂ» d'origine lÃ©sionnelle. Ã€ propos d'une observation. Annales Medico-Psychologiques, 2004, 162, 384-388.	0.4	1
177	Cognitive modulation of pain-related brain responses. Comments on Seminowicz et al. (Pain) Tj ETQq1 1 0.784314 rgBT /Overlock 10	4.2	1
178	Reply: Operculo-insular pain (parasylvian pain): a distinct central pain syndrome * Not all that glisters is gold--nor all that responds a primary sensory area. Brain, 2011, 134, e165-e165.	7.6	1
179	P1010: Thalamic pain: anatomical and physiological indices of prediction. Clinical Neurophysiology, 2014, 125, S316-S317.	1.5	1
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