Giandomenico D Iannetti

List of Publications by Year
in descending order

189	14,380	16437 64	22147 113
papers	citations	h-index	g-index

198	198	198	9575
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	NeuPSIG guidelines on neuropathic pain assessment. Pain, 2011, 152, 14-27.	2.0	871
2	The pain matrix reloaded. Progress in Neurobiology, 2011, 93, 111-124.	2.8	721
3	Removal of FMRI environment artifacts from EEG data using optimal basis sets. NeuroImage, 2005, 28, 720-737.	2.1	510
4	From the neuromatrix to the pain matrix (and back). Experimental Brain Research, 2010, 205, 1-12.	0.7	466
5	A multisensory investigation of the functional significance of the â€œpain matrixâ€. NeuroImage, 2011, 54, 2237-2249.	2.1	446
6	Across-trial averaging of event-related EEG responses and beyond. Magnetic Resonance Imaging, 2008, 26, 1041-1054.	1.0	345
7	Determinants of Laser-Evoked EEG Responses: Pain Perception or Stimulus Saliency?. Journal of Neurophysiology, 2008, 100, 815-828.	0.9	340
8	Nociceptive Laser-Evoked Brain Potentials Do Not Reflect Nociceptive-Specific Neural Activity. Journal of Neurophysiology, 2009, 101, 3258-3269.	0.9	307
9	A role for the brainstem in central sensitisation in humans. Evidence from functional magnetic resonance imaging. Pain, 2005, 114, 397-407.	2.0	279
10	Gamma-Band Oscillations in the Primary Somatosensory Cortexâ€”A Direct and Obligatory Correlate of Subjective Pain Intensity. Journal of Neuroscience, 2012, 32, 7429-7438.	1.7	273
11	From The Cover: Pharmacological modulation of pain-related brain activity during normal and central sensitization states in humans. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 18195-18200.	3.3	251
12	Wholeâ€body mapping of spatial acuity for pain and touch. Annals of Neurology, 2014, 75, 917-924.	2.8	220
13	Brain imaging tests for chronic pain: medical, legal and ethical issues and recommendations. Nature Reviews Neurology, 2017, 13, 624-638.	4.9	220
14	Reduced habituation to experimental pain in migraine patients: a CO2 laser evoked potential study. Pain, 2003, 105, 57-64.	2.0	205
15	BOLD functional MRI in disease and pharmacological studies: room for improvement?. Magnetic Resonance Imaging, 2007, 25, 978-988.	1.0	196
16	Operculoinsular cortex encodes pain intensity at the earliest stages of cortical processing as indicated by amplitude of laser-evoked potentials in humans. Neuroscience, 2005, 131, 199-208.	1.1	188
17	Cortical motor reorganization after a single clinical attack of multiple sclerosis. Brain, 2002, 125, 1607-1615.	3.7	171
18	Low intensity intra-epidermal electrical stimulation can activate Aî´-nociceptors selectively. Pain, 2010, 150, 199-207.	2.0	171

#	Article	IF	Citations
19	How many peripersonal spaces?. Neuropsychologia, 2015, 70, 327-334.	0.7	170
20	The search for pain biomarkers in the human brain. Brain, 2018, 141, 3290-3307.	3.7	170
21	Beyond metaphor: contrasting mechanisms of social and physical pain. Trends in Cognitive Sciences, 2013, 17, 371-378.	4.0	156
22	Spatial Sensory Organization and Body Representation in Pain Perception. Current Biology, 2013, 23, R164-R176.	1.8	152
23	Brainstem reflex circuits revisited. Brain, 2005, 128, 386-394.	3.7	151
24	Similar nociceptive afferents mediate psychophysical and electrophysiological responses to heat stimulation of glabrous and hairy skin in humans. Journal of Physiology, 2006, 577, 235-248.	1.3	150
25	An Action Field Theory of Peripersonal Space. Trends in Cognitive Sciences, 2018, 22, 1076-1090.	4.0	150
26	Unmyelinated trigeminal pathways as assessed by laser stimuli in humans. Brain, 2003, 126, 2246-2256.	3.7	148
27	Placebo conditioning and placebo analgesia modulate a common brain network during pain anticipation and perception. Pain, 2009, 145, 24-30.	2.0	148
28	A novel approach for enhancing the signal-to-noise ratio and detecting automatically event-related potentials (ERPs) in single trials. NeuroImage, 2010, 50, 99-111.	2.1	148
29	Better Safe Than Sorry? The Safety Margin Surrounding the Body Is Increased by Anxiety. Journal of Neuroscience, 2013, 33, 14225-14230.	1.7	139
30	Pain in the ACC?. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E2474-5.	3.3	136
31	Laser-evoked potentials: normative values. Clinical Neurophysiology, 2005, 116, 821-826.	0.7	135
32	Primary sensory cortices contain distinguishable spatial patterns of activity for each sense. Nature Communications, 2013, 4, 1979.	5.8	135
33	Characterizing the Cortical Activity through Which Pain Emerges from Nociception. Journal of Neuroscience, 2009, 29, 7909-7916.	1.7	134
34	Multiple Somatotopic Representations of Heat and Mechanical Pain in the Operculo-Insular Cortex: A High-Resolution fMRI Study. Journal of Neurophysiology, 2010, 104, 2863-2872.	0.9	129
35	Linking Pain and the Body: Neural Correlates of Visually Induced Analgesia. Journal of Neuroscience, 2012, 32, 2601-2607.	1.7	129
36	Simultaneous recording of laser-evoked brain potentials and continuous, high-field functional magnetic resonance imaging in humans. NeuroImage, 2005, 28, 708-719.	2.1	123

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37	Neural indicators of perceptual variability of pain across species. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 1782-1791.	3.3	123
38	Evidence of a Specific Spinal Pathway for the Sense of Warmth in Humans. Journal of Neurophysiology, 2003, 89, 562-570.	0.9	122
39	The â€œPain Matrixâ€•in Pain-Free Individuals. JAMA Neurology, 2016, 73, 755.	4.5	122
40	Defensive peripersonal space: the blink reflex evoked by hand stimulation is increased when the hand is near the face. Journal of Neurophysiology, 2012, 107, 880-889.	0.9	115
41	The primary somatosensory cortex largely contributes to the early part of the cortical response elicited by nociceptive stimuli. NeuroImage, 2012, 59, 1571-1581.	2.1	113
42	A novel approach to predict subjective pain perception from single-trial laser-evoked potentials. NeuroImage, 2013, 81, 283-293.	2.1	113
43	Fine-Grained Nociceptive Maps in Primary Somatosensory Cortex. Journal of Neuroscience, 2012, 32, 17155-17162.	1.7	108
44	Contribution of Corticospinal Tract Damage to Cortical Motor Reorganization after a Single Clinical Attack of Multiple Sclerosis. NeuroImage, 2002, 17, 1837-1843.	2.1	107
45	Single-trial timeâ€“frequency analysis of electrocortical signals: Baseline correction and beyond. NeuroImage, 2014, 84, 876-887.	2.1	107
46	AÎ´ nociceptor response to laser stimuli: selective effect of stimulus duration on skin temperature, brain potentials and pain perception. Clinical Neurophysiology, 2004, 115, 2629-2637.	0.7	105
47	Small-fiber dysfunction in trigeminal neuralgia. Neurology, 2001, 56, 1722-1726.	1.5	96
48	Spatially defined modulation of skin temperature and hand ownership of both hands in patients with unilateral complex regional pain syndrome. Brain, 2012, 135, 3676-3686.	3.7	93
49	Alpha and gamma oscillation amplitudes synergistically predict the perception of forthcoming nociceptive stimuli. Human Brain Mapping, 2016, 37, 501-514.	1.9	93
50	To Blink or Not to Blink: Fine Cognitive Tuning of the Defensive Peripersonal Space. Journal of Neuroscience, 2012, 32, 12921-12927.	1.7	90
51	A longitudinal fMRI study on motor activity in patients with multiple sclerosis. Brain, 2005, 128, 2146-2153.	3.7	87
52	Functional Responses in the Human Spinal Cord during Willed Motor Actions: Evidence for Side- and Rate-Dependent Activity. Journal of Neuroscience, 2007, 27, 4182-4190.	1.7	87
53	Novelty is not enough: laser-evoked potentials are determined by stimulus saliency, not absolute novelty. Journal of Neurophysiology, 2013, 109, 692-701.	0.9	86
54	Neurobiological mechanisms of TENS-induced analgesia. NeuroImage, 2019, 195, 396-408.	2.1	85

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55	A supramodal representation of the body surface. Neuropsychologia, 2011, 49, 1194-1201.	0.7	84
56	Bypassing Primary Sensory Corticesâ€"A Direct Thalamocortical Pathway for Transmitting Salient Sensory Information. Cerebral Cortex, 2013, 23, 1-11.	1.6	83
57	Laser guns and hot plates. Pain, 2005, 116, 1-3.	2.0	76
58	Nociceptive Steady-State Evoked Potentials Elicited by Rapid Periodic Thermal Stimulation of Cutaneous Nociceptors. Journal of Neuroscience, 2011, 31, 6079-6087.	1.7	76
59	EEG signatures of auditory activity correlate with simultaneously recorded fMRI responses in humans. NeuroImage, 2010, 49, 849-864.	2.1	75
60	Human Brain Responses to Concomitant Stimulation of AÎ´ and C Nociceptors. Journal of Neuroscience, 2014, 34, 11439-11451.	1.7	75
61	Parallel Processing of Nociceptive and Non-nociceptive Somatosensory Information in the Human Primary and Secondary Somatosensory Cortices: Evidence from Dynamic Causal Modeling of Functional Magnetic Resonance Imaging Data. Journal of Neuroscience, 2011, 31, 8976-8985.	1.7	74
62	Painful Issues in Pain Prediction. Trends in Neurosciences, 2016, 39, 212-220.	4.2	73
63	Regions of interest analysis in pharmacological fMRI: How do the definition criteria influence the inferred result?. NeuroImage, 2008, 40, 121-132.	2.1	72
64	Pain relief by touch: A quantitative approach. Pain, 2014, 155, 635-642.	2.0	71
65	A topodiagnostic investigation on body lateropulsion in medullary infarcts. Neurology, 2005, 64, 716-718.	1.5	70
66	The analgesic effect of crossing the arms. Pain, 2011, 152, 1418-1423.	2.0	68
67	Diagnostic accuracy of trigeminal reflex testing in trigeminal neuralgia. Neurology, 2006, 66, 139-141.	1.5	67
68	Saliency Detection as a Reactive Process: Unexpected Sensory Events Evoke Corticomuscular Coupling. Journal of Neuroscience, 2018, 38, 2385-2397.	1.7	65
69	The Enhancement of the N1 Wave Elicited by Sensory Stimuli Presented at Very Short Inter-Stimulus Intervals Is a General Feature across Sensory Systems. PLoS ONE, 2008, 3, e3929.	1.1	65
70	Hyperscanning Alone Cannot Prove Causality. Multibrain Stimulation Can. Trends in Cognitive Sciences, 2021, 25, 96-99.	4.0	64
71	Pinprick-evoked brain potentials: a novel tool to assess central sensitization of nociceptive pathways in humans. Journal of Neurophysiology, 2013, 110, 1107-1116.	0.9	63
72	Dishabituation of Laser-evoked EEG Responses: Dissecting the Effect of Certain and Uncertain Changes in Stimulus Modality. Journal of Cognitive Neuroscience, 2011, 23, 2822-2837.	1.1	62

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73	Touch inhibits subcortical and cortical nociceptive responses. Pain, 2015, 156, 1936-1944.	2.0	62
74	Neural coding of nociceptive stimuliâ€"from rat spinal neurones to human perception. Pain, 2013, 154, 1263-1273.	2.0	61
75	Transcranial magnetic stimulation over human secondary somatosensory cortex disrupts perception of pain intensity. Cortex, 2013, 49, 2201-2209.	1.1	58
76	Stimulus Novelty, and Not Neural Refractoriness, Explains the Repetition Suppression of Laser-Evoked Potentials. Journal of Neurophysiology, 2010, 104, 2116-2124.	0.9	55
77	A quantitative comparison of BOLD fMRI responses to noxious and innocuous stimuli in the human spinal cord. NeuroImage, 2010, 50, 1408-1415.	2.1	55
78	Laser-evoked potentials in post-herpetic neuralgia. Clinical Neurophysiology, 2003, 114, 702-709.	0.7	54
79	Representation of different trigeminal divisions within the primary and secondary human somatosensory cortex. NeuroImage, 2003, 19, 906-912.	2.1	54
80	Topographical distribution of pinprick and warmth thresholds to CO2 laser stimulation on the human skin. Neuroscience Letters, 2000, 285, 115-118.	1.0	53
81	fMRI/EEG in paroxysmal activity elicited by elimination of central vision and fixation. Neurology, 2002, 58, 976-979.	1.5	53
82	Conduction velocity of the human spinothalamic tract as assessed by laser evoked potentials. NeuroReport, 2000, 11, 3029-3032.	0.6	52
83	The balance of feelings: Vestibular modulation of bodily sensations. Cortex, 2013, 49, 748-758.	1.1	51
84	Evidence against pain specificity in the dorsal posterior insula. F1000Research, 2015, 4, 362.	0.8	51
85	Laser evoked potentials for assessing sensory neuropathy in human patients. Neuroscience Letters, 2004, 361, 25-28.	1.0	50
86	Automated single-trial measurement of amplitude and latency of laser-evoked potentials (LEPs) using multiple linear regression. Clinical Neurophysiology, 2006, 117, 1331-1344.	0.7	50
87	Measurement ofÂskin temperature after infrared laser stimulation. Neurophysiologie Clinique, 2006, 36, 207-218.	1.0	50
88	Limb-specific autonomic dysfunction in complex regional pain syndrome modulated by wearing prism glasses. Pain, 2013, 154, 2463-2468.	2.0	49
89	Taking into account latency, amplitude, and morphology: improved estimation of single-trial ERPs by wavelet filtering and multiple linear regression. Journal of Neurophysiology, 2011, 106, 3216-3229.	0.9	48
90	Is Ross syndrome a dysautonomic disorder only? An electrophysiologic and histologic study. Clinical Neurophysiology, 2003, 114, 7-16.	0.7	44

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91	Fine-Grained Mapping of Cortical Somatotopies in Chronic Complex Regional Pain Syndrome. Journal of Neuroscience, 2019, 39, 9185-9196.	1.7	43
92	Spatial Patterns of Brain Activity Preferentially Reflecting Transient Pain and Stimulus Intensity. Cerebral Cortex, 2019, 29, 2211-2227.	1.6	43
93	The primary somatosensory cortex contributes to the latest part of the cortical response elicited by nociceptive somatosensory stimuli in humans. NeuroImage, 2014, 84, 383-393.	2.1	42
94	Laser-Evoked Vertex Potentials Predict Defensive Motor Actions. Cerebral Cortex, 2015, 25, 4789-4798.	1.6	42
95	Single-trial detection of somatosensory evoked potentials by probabilistic independent component analysis and wavelet filtering. Clinical Neurophysiology, 2011, 122, 1429-1439.	0.7	40
96	Brain oscillations reflecting pain-related behavior in freely moving rats. Pain, 2018, 159, 106-118.	2.0	40
97	The effect of salient stimuli on neural oscillations, isometric force, and their coupling. NeuroImage, 2019, 198, 221-230.	2.1	39
98	Trigeminal responses to laser stimuli. Neurophysiologie Clinique, 2003, 33, 315-324.	1.0	38
99	Interpersonal interactions and empathy modulate perception of threat and defensive responses. Scientific Reports, 2016, 6, 19353.	1.6	37
100	Usefulness of dorsal laser evoked potentials in patients with spinal cord damage: report of two cases. Journal of Neurology, Neurosurgery and Psychiatry, 2001, 71, 792-794.	0.9	36
101	A geometric model of defensive peripersonal space. Journal of Neurophysiology, 2016, 115, 218-225.	0.9	36
102	The temporal order judgement of tactile and nociceptive stimuli is impaired by crossing the hands over the body midline. Pain, 2013, 154, 242-247.	2.0	35
103	A Fovea for Pain at the Fingertips. Current Biology, 2013, 23, 496-500.	1.8	33
104	Multiple linear regression to estimate time-frequency electrophysiological responses in single trials. NeuroImage, 2015, 111, 442-453.	2.1	33
105	Tagging the musical beat: Neural entrainment or event-related potentials?. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E11002-E11003.	3.3	33
106	Dishabituation of laser-evoked EEG responses: dissecting the effect of certain and uncertain changes in stimulus spatial location. Experimental Brain Research, 2012, 218, 361-372.	0.7	30
107	The Neural Origin of Nociceptive-Induced Gamma-Band Oscillations. Journal of Neuroscience, 2020, 40, 3478-3490.	1.7	30
108	Somatotopic Representation of Second Pain in the Primary Somatosensory Cortex of Humans and Rodents. Journal of Neuroscience, 2018, 38, 5538-5550.	1.7	27

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109	Gravitational cues modulate the shape of defensive peripersonal space. Current Biology, 2016, 26, R1133-R1134.	1.8	26
110	Topodiagnostic implications of hemiataxia: An MRI-based brainstem mapping analysis. NeuroImage, 2008, 39, 1625-1632.	2.1	25
111	Seeing facial expressions enhances placebo analgesia. Pain, 2014, 155, 666-673.	2.0	25
112	Brain regions preferentially responding to transient and iso-intense painful or tactile stimuli. NeuroImage, 2019, 192, 52-65.	2.1	25
113	Nociceptive Quality of the Laser-Evoked Blink Reflex in Humans. Journal of Neurophysiology, 2002, 87, 1386-1394.	0.9	24
114	Functional exploration of the human spinal cord during voluntary movement and somatosensory stimulation. Magnetic Resonance Imaging, 2010, 28, 1216-1224.	1.0	24
115	Unmasking the obligatory components of nociceptive event-related brain potentials. Journal of Neurophysiology, 2013, 110, 2312-2324.	0.9	24
116	Trigeminal small-fibre dysfunction in patients with diabetes mellitus: a study with laser evoked potentials and corneal reflex. Clinical Neurophysiology, 2000, 111, 2264-2267.	0.7	23
117	Chapter 6 Brainstem functional imaging in humans. Supplements To Clinical Neurophysiology, 2006, 58, 52-67.	2.1	23
118	The blink reflex magnitude is continuously adjusted according to both current and predicted stimulus position with respect to the face. Cortex, 2016, 81, 168-175.	1.1	22
119	Chapter 14 Diagnosis of trigeminal neuralgia: a new appraisal based on clinical and neurophysiological findings. Supplements To Clinical Neurophysiology, 2006, 58, 171-186.	2.1	21
120	Linguistic synaesthesia, perceptual synaesthesia, and the interaction between multiple sensory modalities. Pragmatics and Cognition, 2012, 20, 135-167.	0.2	21
121	Brain potentials evoked by intraepidermal electrical stimuli reflect the central sensitization of nociceptive pathways. Journal of Neurophysiology, 2016, 116, 286-295.	0.9	21
122	Intracortical modulation, and not spinal inhibition, mediates placebo analgesia. European Journal of Neuroscience, 2015, 41, 498-504.	1.2	20
123	Characterizing the Short-Term Habituation of Event-Related Evoked Potentials. ENeuro, 2018, 5, ENEURO.0014-18.2018.	0.9	20
124	Functional characterisation of sensory ERPs using probabilistic ICA: Effect of stimulus modality and stimulus location. Clinical Neurophysiology, 2010, 121, 577-587.	0.7	19
125	Laser-evoked cortical responses in freely-moving rats reflect the activation of C-fibre afferent pathways. NeuroImage, 2016, 128, 209-217.	2.1	19
126	Ineffectiveness of tactile gating shows cortical basis of nociceptive signaling in the Thermal Grill Illusion. Scientific Reports, 2018, 8, 6584.	1.6	19

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127	Feedforward and feedback pathways of nociceptive and tactile processing in human somatosensory system: A study of dynamic causal modeling of fMRI data. NeuroImage, 2021, 234, 117957.	2.1	19
128	Seeing touch and pain in a stranger modulates the cortical responses elicited by somatosensory but not auditory stimulation. Human Brain Mapping, 2012, 33, 2873-2884.	1.9	18
129	Was it a pain or a sound? Across-species variability in sensory sensitivity. Pain, 2015, 156, 2449-2457.	2.0	18
130	Caloric vestibular stimulation modulates nociceptive evoked potentials. Experimental Brain Research, 2015, 233, 3393-3401.	0.7	18
131	Catecholaminergic Innervation of the Human Dura Mater Involved in Headache. Headache, 1998, 38, 352-355.	1.8	17
132	Pain outside the body: defensive peripersonal space deformation in trigeminal neuralgia. Scientific Reports, 2017, 7, 12487.	1.6	17
133	Occurrence of adrenergic nerve fibers in human thymus during immune response. Neurochemistry International, 2002, 40, 211-221.	1.9	16
134	A review of the evidence against the â€œfirst come first servedâ€•hypothesis. Comment on Truini et al. [Pain 2007;131:43â€“7]. Pain, 2008, 136, 219-221.	2.0	16
135	A Morphometric Study of Age Changes in the Rat Optic Nerve. Ophthalmologica, 2001, 215, 366-371.	1.0	14
136	Can the functional MRI responses to physical pain really tell us why social rejection "hurts"?. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, E343-E343.	3.3	14
137	Automated single-trial assessment of laser-evoked potentials as an objective functional diagnostic tool for the nociceptive system. Clinical Neurophysiology, 2012, 123, 2437-2445.	0.7	14
138	Temporal Profile and Limb-specificity of Phasic Pain-Evoked Changes in Motor Excitability. Neuroscience, 2018, 386, 240-255.	1.1	14
139	Nociceptive-Evoked Potentials Are Sensitive to Behaviorally Relevant Stimulus Displacements in Egocentric Coordinates. ENeuro, 2016, 3, ENEURO.0151-15.2016.	0.9	14
140	Metabolic Changes in Rabbit Lens Induced by Treatment with Dexamethasone. Ophthalmic Research, 2001, 33, 68-74.	1.0	13
141	Waves of Change: Brain Sensitivity to Differential, not Absolute, Stimulus Intensity is Conserved Across Humans and Rats. Cerebral Cortex, 2021, 31, 949-960.	1.6	13
142	Coupling of simultaneously acquired electrophysiological and haemodynamic responses during visual stimulation. Magnetic Resonance Imaging, 2010, 28, 1066-1077.	1.0	12
143	Poor judgment of distance between nociceptive stimuli. Cognition, 2015, 143, 41-47.	1.1	12
144	Perceptual learning to discriminate the intensity and spatial location of nociceptive stimuli. Scientific Reports, 2016, 6, 39104.	1.6	12

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145	Three-dimensional mapping of brainstem functional lesions. Medical and Biological Engineering and Computing, 2000, 38, 639-644.	1.6	11
146	Quantification of acetylcholinesterase-positive structures in human thymus during development and aging. Neurochemistry International, 2000, 36, 75-82.	1.9	10
147	Issues in Pain Prediction â€“ Beyond Pain and Gain. Trends in Neurosciences, 2016, 39, 640-642.	4.2	9
148	Highâ€precision voluntary movements are largely independent of preceding vertex potentials elicited by sudden sensory events. Journal of Physiology, 2018, 596, 3655-3673.	1.3	9
149	Movement of environmental threats modifies the relevance of the defensive eye-blink in a spatially-tuned manner. Scientific Reports, 2019, 9, 3661.	1.6	9
150	Proving Causality in Hyperscanning: Multibrain Stimulation and Other Approaches: Response to Moreau and Dumas. Trends in Cognitive Sciences, 2021, 25, 544-545.	4.0	9
151	Determination of dopamine D1 receptors in the human uveo scleral tissue by light microscope autoradiography. International Ophthalmology, 1999, 23, 171-179.	0.6	8
152	Acetylcholinesterase activity in rat thymus after immunostimulation with interleukin Î². Annals of Anatomy, 2000, 182, 243-248.	1.0	8
153	The Value of Actions, in Time and Space. Trends in Cognitive Sciences, 2019, 23, 270-271.	4.0	8
154	Towards a unified neural mechanism for reactive adaptive behaviour. Progress in Neurobiology, 2021, 204, 102115.	2.8	8
155	The problem of conduction velocity of the human spinothalamic tract. Clinical Neurophysiology, 2001, 112, 1113-1114.	0.7	7
156	Ultralow-frequency neural entrainment to pain. PLoS Biology, 2020, 18, e3000491.	2.6	7
157	Local spatial analysis: an easy-to-use adaptive spatial EEG filter. Journal of Neurophysiology, 2021, 125, 509-521.	0.9	7
158	Limits of decoding mental states with fMRI. Cortex, 2022, 149, 101-122.	1.1	7
159	Neural processes responsible for the translation of sustained nociceptive inputs into subjective pain experience. Cerebral Cortex, 2023, 33, 634-650.	1.6	7
160	Nerve fibersâ€”mast cells correlation in the rat parietal pleura. Respiration Physiology, 1998, 113, 181-188.	2.8	6
161	Assessment of nonlinear interactions in event-related potentials elicited by stimuli presented at short interstimulus intervals using single-trial data. Journal of Neurophysiology, 2015, 113, 3623-3633.	0.9	6
162	Rethinking blinking: No cognitive modulation of reflex eye protection in early onset blindness. Clinical Neurophysiology, 2017, 128, 16-17.	0.7	6

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163	Muscular effort increases hand-blink reflex magnitude. Neuroscience Letters, 2019, 702, 11-14.	1.0	6
164	No temporal contrast enhancement of simple decreases in noxious heat. Journal of Neurophysiology, 2019, 121, 1778-1786.	0.9	5
165	Chapter 28 Brainstem reflexes and their relevance to pain. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2006, 81, 411-IX.	1.0	4
166	Brain Responses to Surprising Stimulus Offsets: Phenomenology and Functional Significance. Cerebral Cortex, 2022, 32, 2231-2244.	1.6	4
167	On the interpretation of temporal differences of BOLD fMRI responses to nociceptive stimulation. Journal of Neurophysiology, 2005, 93, 3718-3719.	0.9	3
168	204 PINPRICK-EVOKED POTENTIALS (PEPS): A NOVEL TOOL TO ASSESS CENTRAL SENSITISATION IN HUMANS. European Journal of Pain, 2007, 11, S89-S89.	1.4	3
169	Laser evoked potentials and carbamazepine in epileptic patients. Neurophysiologie Clinique, 2005, 35, 93-96.	1.0	2
170	Are There Nociceptive-Specific Brain Potentials? Reply to BaumgÃrtner and Treede. Journal of Neurophysiology, 2009, 102, 3075-3076.	0.9	2
171	Combining EEG and fMRI in Pain Research. , 2009, , 365-384.		2
172	Assessment of nonlinear interactions in event-related potentials (ERPs) elicited by stimuli presented at short inter-stimulus intervals. , 2010, 2010, 4834-7.		1
173	The â€œpain matrixâ€•reloaded. Scandinavian Journal of Pain, 2012, 3, 173-173.	0.5	1
174	A mixed effects model framework for the assessment of nonlinear interactions in event-related potentials (ERPs) elicited by identical successive stimuli. , 2014, 2014, 4543-6.		1
175	307 THE SUPRASPINAL REPRESENTATION OF CENTRAL SENSITIZATION IN HUMANS. European Journal of Pain, 2006, 10, S82b-S82.	1.4	0
176	340 SIMILAR NOCICEPTIVE AFFERENTS MEDIATE PSYCHOPHYSICAL AND ELECTROPHYSIOLOGICAL RESPONSES TO THERMAL STIMULATION. European Journal of Pain, 2006, 10, S91-S91.	1.4	0
177	Chapter 4 3D brainstem topodiagnosis â€“ a voxel-based model analyzing MR imaging data. Supplements To Clinical Neurophysiology, 2006, 58, 26-37.	2.1	0
178	15 BRAIN POTENTIALS EVOKED BY MECHANICAL STIMULI: A NEW TOOL FOR ASSESSING CENTRAL SENSITISATION?. European Journal of Pain, 2007, 11, S7-S7.	1.4	0
179	222 THE SUPRASPINAL REPRESENTATION OF CENTRAL SENSITIZATION IN HUMANS. European Journal of Pain, 2007, 11, S98-S98.	1.4	0
180	S110 THE DEFENSIVE BLINK REFLEX EVOKED BY HAND STIMULATION IS INCREASED WHEN THE HAND ENTERS THE PERIPERSONAL SPACE SURROUNDING THE FACE. European Journal of Pain Supplements, 2011, 5, 199-199.	0.0	0

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181	S111 COGNITIVE MODULATION OF THE EXCITABILITY OF BRAINSTEM DEFENSIVE REFLEXES. European Journal of Pain Supplements, 2011, 5, 199-199.	0.0	0
182	F114 PARALLEL PROCESSING OF NOCICEPTIVE AND NON-NOCICEPTIVE SOMATOSENSORY INFORMATION IN S1 AND S2: EVIDENCE FROM DYNAMIC CAUSAL MODELLING OF fMRI DATA. European Journal of Pain Supplements, 2011, 5, 107-107.	0.0	0
183	S112 LASER-INDUCED GAMMA OSCILLATIONS ROBUSTLY CORRELATE WITH PAIN PERCEPTION REGARDLESS OF STIMULUS SALIENCY. European Journal of Pain Supplements, 2011, 5, 199-200.	0.0	0
184	S169 THE DIRECTION MATTERS: LASER-EVOKED POTENTIALS ARE DETERMINED BY STIMULUS SALIENCY, NOT BY ABSOLUTE STIMULUS NOVELTY. European Journal of Pain Supplements, 2011, 5, 216-216.	0.0	0
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