Giandomenico D Iannetti

List of Publications by Year
in descending order

189 papers	14,380 citations	16451 64 h-index	22166 113 g-index
198 all docs	198 docs citations	198 times ranked	9575 citing authors

#	Article	IF	Citations
1	Neural processes responsible for the translation of sustained nociceptive inputs into subjective pain experience. Cerebral Cortex, 2023, 33, 634-650.	2.9	7
2	Brain Responses to Surprising Stimulus Offsets: Phenomenology and Functional Significance. Cerebral Cortex, 2022, 32, 2231-2244.	2.9	4
3	Limits of decoding mental states with fMRI. Cortex, 2022, 149, 101-122.	2.4	7
4	Local spatial analysis: an easy-to-use adaptive spatial EEG filter. Journal of Neurophysiology, 2021, 125, 509-521.	1.8	7
5	Hyperscanning Alone Cannot Prove Causality. Multibrain Stimulation Can. Trends in Cognitive Sciences, 2021, 25, 96-99.	7.8	64
6	Waves of Change: Brain Sensitivity to Differential, not Absolute, Stimulus Intensity is Conserved Across Humans and Rats. Cerebral Cortex, 2021, 31, 949-960.	2.9	13
7	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.	4.2	19
8	Proving Causality in Hyperscanning: Multibrain Stimulation and Other Approaches: Response to Moreau and Dumas. Trends in Cognitive Sciences, 2021, 25, 544-545.	7.8	9
9	Towards a unified neural mechanism for reactive adaptive behaviour. Progress in Neurobiology, 2021, 204, 102115.	5.7	8
10	Movement vigor: Frameworks, exceptions, and nomenclature. Behavioral and Brain Sciences, 2021, 44, e126.	0.7	0
11	The Neural Origin of Nociceptive-Induced Gamma-Band Oscillations. Journal of Neuroscience, 2020, 40, 3478-3490.	3.6	30
12	Ultralow-frequency neural entrainment to pain. PLoS Biology, 2020, 18, e3000491.	5.6	7
13	Fine-Grained Mapping of Cortical Somatotopies in Chronic Complex Regional Pain Syndrome. Journal of Neuroscience, 2019, 39, 9185-9196.	3.6	43
14	Muscular effort increases hand-blink reflex magnitude. Neuroscience Letters, 2019, 702, 11-14.	2.1	6
15	Brain regions preferentially responding to transient and iso-intense painful or tactile stimuli. NeuroImage, 2019, 192, 52-65.	4.2	25
16	The effect of salient stimuli on neural oscillations, isometric force, and their coupling. NeuroImage, 2019, 198, 221-230.	4.2	39
17	No temporal contrast enhancement of simple decreases in noxious heat. Journal of Neurophysiology, 2019, 121, 1778-1786.	1.8	5
18	Movement of environmental threats modifies the relevance of the defensive eye-blink in a spatially-tuned manner. Scientific Reports, 2019, 9, 3661.	3.3	9

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19	Spatial Patterns of Brain Activity Preferentially Reflecting Transient Pain and Stimulus Intensity. Cerebral Cortex, 2019, 29, 2211-2227.	2.9	43
20	Neurobiological mechanisms of TENS-induced analgesia. NeuroImage, 2019, 195, 396-408.	4.2	85
21	The Value of Actions, in Time and Space. Trends in Cognitive Sciences, 2019, 23, 270-271.	7.8	8
22	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.	7.1	123
23	Cognitive gadgets and cognitive priors. Behavioral and Brain Sciences, 2019, 42, e177.	0.7	0
24	Saliency Detection as a Reactive Process: Unexpected Sensory Events Evoke Corticomuscular Coupling. Journal of Neuroscience, 2018, 38, 2385-2397.	3.6	65
25	Brain oscillations reflecting pain-related behavior in freely moving rats. Pain, 2018, 159, 106-118.	4.2	40
26	The search for pain biomarkers in the human brain. Brain, 2018, 141, 3290-3307.	7.6	170
27	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.	7.1	33
28	An Action Field Theory of Peripersonal Space. Trends in Cognitive Sciences, 2018, 22, 1076-1090.	7.8	150
29	Temporal Profile and Limb-specificity of Phasic Pain-Evoked Changes in Motor Excitability. Neuroscience, 2018, 386, 240-255.	2.3	14
30	Ineffectiveness of tactile gating shows cortical basis of nociceptive signaling in the Thermal Grill Illusion. Scientific Reports, 2018, 8, 6584.	3.3	19
31	Highâ€precision voluntary movements are largely independent of preceding vertex potentials elicited by sudden sensory events. Journal of Physiology, 2018, 596, 3655-3673.	2.9	9
32	Somatotopic Representation of Second Pain in the Primary Somatosensory Cortex of Humans and Rodents. Journal of Neuroscience, 2018, 38, 5538-5550.	3.6	27
33	Characterizing the Short-Term Habituation of Event-Related Evoked Potentials. ENeuro, 2018, 5, ENEURO.0014-18.2018.	1.9	20
34	Pain outside the body: defensive peripersonal space deformation in trigeminal neuralgia. Scientific Reports, 2017, 7, 12487.	3.3	17
35	Brain imaging tests for chronic pain: medical, legal and ethical issues and recommendations. Nature Reviews Neurology, 2017, 13, 624-638.	10.1	220
36	Rethinking blinking: No cognitive modulation of reflex eye protection in early onset blindness. Clinical Neurophysiology, 2017, 128, 16-17.	1.5	6

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37	A geometric model of defensive peripersonal space. Journal of Neurophysiology, 2016, 115, 218-225.	1.8	36
38	Brain potentials evoked by intraepidermal electrical stimuli reflect the central sensitization of nociceptive pathways. Journal of Neurophysiology, 2016, 116, 286-295.	1.8	21
39	Perceptual learning to discriminate the intensity and spatial location of nociceptive stimuli. Scientific Reports, 2016, 6, 39104.	3.3	12
40	Gravitational cues modulate the shape of defensive peripersonal space. Current Biology, 2016, 26, R1133-R1134.	3.9	26
41	Laser-evoked cortical responses in freely-moving rats reflect the activation of C-fibre afferent pathways. NeuroImage, 2016, 128, 209-217.	4.2	19
42	Pain in the ACC?. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E2474-5.	7.1	136
43	The â€œPain Matrixâ€•in Pain-Free Individuals. JAMA Neurology, 2016, 73, 755.	9.0	122
44	Alpha and gamma oscillation amplitudes synergistically predict the perception of forthcoming nociceptive stimuli. Human Brain Mapping, 2016, 37, 501-514.	3.6	93
45	Issues in Pain Prediction â€“ Beyond Pain and Gain. Trends in Neurosciences, 2016, 39, 640-642.	8.6	9
46	Interpersonal interactions and empathy modulate perception of threat and defensive responses. Scientific Reports, 2016, 6, 19353.	3.3	37
47	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.	2.4	22
48	Painful Issues in Pain Prediction. Trends in Neurosciences, 2016, 39, 212-220.	8.6	73
49	Nociceptive-Evoked Potentials Are Sensitive to Behaviorally Relevant Stimulus Displacements in Egocentric Coordinates. ENeuro, 2016, 3, ENEURO.0151-15.2016.	1.9	14
50	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.	1.8	6
51	Was it a pain or a sound? Across-species variability in sensory sensitivity. Pain, 2015, 156, 2449-2457.	4.2	18
52	Touch inhibits subcortical and cortical nociceptive responses. Pain, 2015, 156, 1936-1944.	4.2	62
53	Multiple linear regression to estimate time-frequency electrophysiological responses in single trials. NeuroImage, 2015, 111, 442-453.	4.2	33
54	How many peripersonal spaces?. Neuropsychologia, 2015, 70, 327-334.	1.6	170

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55	Laser-Evoked Vertex Potentials Predict Defensive Motor Actions. Cerebral Cortex, 2015, 25, 4789-4798.	2.9	42
56	Caloric vestibular stimulation modulates nociceptive evoked potentials. Experimental Brain Research, 2015, 233, 3393-3401.	1.5	18
57	Poor judgment of distance between nociceptive stimuli. Cognition, 2015, 143, 41-47.	2.2	12
58	Intracortical modulation, and not spinal inhibition, mediates placebo analgesia. European Journal of Neuroscience, 2015, 41, 498-504.	2.6	20
59	Evidence against pain specificity in the dorsal posterior insula. F1000Research, 2015, 4, 362.	1.6	51
60	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
61	Single-trial timeâ€"frequency analysis of electrocortical signals: Baseline correction and beyond. NeuroImage, 2014, 84, 876-887.	4.2	107
62	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.	4.2	42
63	Corrigendum to â€œSeeing facial expressions enhances placebo analgesiaâ€•[PAINÂ® 155(4) (2014) 666â€"673]. Pain, 2014, 155, 1676.	4.2	0
64	Human Brain Responses to Concomitant Stimulation of AÎ´ and C Nociceptors. Journal of Neuroscience, 2014, 34, 11439-11451.	3.6	75
65	Seeing facial expressions enhances placebo analgesia. Pain, 2014, 155, 666-673.	4.2	25
66	Pain relief by touch: A quantitative approach. Pain, 2014, 155, 635-642.	4.2	71
67	Wholeâ€body mapping of spatial acuity for pain and touch. Annals of Neurology, 2014, 75, 917-924.	5.3	220
68	The temporal order judgement of tactile and nociceptive stimuli is impaired by crossing the hands over the body midline. Pain, 2013, 154, 242-247.	4.2	35
69	Better Safe Than Sorry? The Safety Margin Surrounding the Body Is Increased by Anxiety. Journal of Neuroscience, 2013, 33, 14225-14230.	3.6	139
70	Transcranial magnetic stimulation over human secondary somatosensory cortex disrupts perception of pain intensity. Cortex, 2013, 49, 2201-2209.	2.4	58
71	The balance of feelings: Vestibular modulation of bodily sensations. Cortex, 2013, 49, 748-758.	2.4	51
72	Limb-specific autonomic dysfunction in complex regional pain syndrome modulated by wearing prism glasses. Pain, 2013, 154, 2463-2468.	4.2	49

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73	Spatial Sensory Organization and Body Representation in Pain Perception. Current Biology, 2013, 23, R164-R176.	3.9	152
74	Beyond metaphor: contrasting mechanisms of social and physical pain. Trends in Cognitive Sciences, 2013, 17, 371-378.	7.8	156
75	A Fovea for Pain at the Fingertips. Current Biology, 2013, 23, 496-500.	3.9	33
76	Neural coding of nociceptive stimuliâ€"from rat spinal neurones to human perception. Pain, 2013, 154, 1263-1273.	4.2	61
77	A novel approach to predict subjective pain perception from single-trial laser-evoked potentials. NeuroImage, 2013, 81, 283-293.	4.2	113
78	Novelty is not enough: laser-evoked potentials are determined by stimulus saliency, not absolute novelty. Journal of Neurophysiology, 2013, 109, 692-701.	1.8	86
79	Bypassing Primary Sensory Corticesâ€"A Direct Thalamocortical Pathway for Transmitting Salient Sensory Information. Cerebral Cortex, 2013, 23, 1-11.	2.9	83
80	Primary sensory cortices contain distinguishable spatial patterns of activity for each sense. Nature Communications, 2013, 4, 1979.	12.8	135
81	Unmasking the obligatory components of nociceptive event-related brain potentials. Journal of Neurophysiology, 2013, 110, 2312-2324.	1.8	24
82	Pinprick-evoked brain potentials: a novel tool to assess central sensitization of nociceptive pathways in humans. Journal of Neurophysiology, 2013, 110, 1107-1116.	1.8	63
83	Gamma-Band Oscillations in the Primary Somatosensory Cortexâ€"A Direct and Obligatory Correlate of Subjective Pain Intensity. Journal of Neuroscience, 2012, 32, 7429-7438.	3.6	273
84	Linking Pain and the Body: Neural Correlates of Visually Induced Analgesia. Journal of Neuroscience, 2012, 32, 2601-2607.	3.6	129
85	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.	7.6	93
86	Linguistic synaesthesia, perceptual synaesthesia, and the interaction between multiple sensory modalities. Pragmatics and Cognition, 2012, 20, 135-167.	0.4	21
87	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.	1.8	115
88	Fine-Grained Nociceptive Maps in Primary Somatosensory Cortex. Journal of Neuroscience, 2012, 32, 17155-17162.	3.6	108
89	To Blink or Not to Blink: Fine Cognitive Tuning of the Defensive Peripersonal Space. Journal of Neuroscience, 2012, 32, 12921-12927.	3.6	90
90	Automated single-trial assessment of laser-evoked potentials as an objective functional diagnostic tool for the nociceptive system. Clinical Neurophysiology, 2012, 123, 2437-2445.	1.5	14

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91	The primary somatosensory cortex largely contributes to the early part of the cortical response elicited by nociceptive stimuli. NeuroImage, 2012, 59, 1571-1581.	4.2	113
92	The â€œpain matrixâ€•reloaded. Scandinavian Journal of Pain, 2012, 3, 173-173.	1.3	1
93	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.	3.6	18
94	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.	1.5	30
95	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.	1.8	48
96	A multisensory investigation of the functional significance of the â€œpain matrixâ€• NeuroImage, 2011, 54, 2237-2249.	4.2	446
97	Single-trial detection of somatosensory evoked potentials by probabilistic independent component analysis and wavelet filtering. Clinical Neurophysiology, 2011, 122, 1429-1439.	1.5	40
98	The pain matrix reloaded. Progress in Neurobiology, 2011, 93, 111-124.	5.7	721
99	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
100	S111 COGNITIVE MODULATION OF THE EXCITABILITY OF BRAINSTEM DEFENSIVE REFLEXES. European Journal of Pain Supplements, 2011, 5, 199-199.	0.0	0
101	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
102	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
103	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
104	A supramodal representation of the body surface. Neuropsychologia, 2011, 49, 1194-1201.	1.6	84
105	NeuPSIG guidelines on neuropathic pain assessment. Pain, 2011, 152, 14-27.	4.2	871
106	The analgesic effect of crossing the arms. Pain, 2011, 152, 1418-1423.	4.2	68
107	Corrigendum to â€œLow intensity intra-epidermal electrical stimulation can activate AÎ´-nociceptors selectivelyâ€•[Pain 150 (2010) 199â€“207]. Pain, 2011, 152, 1212.	4.2	0
108	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.	3.6	74

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109	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.	2.3	62
110	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.	7.1	14
111	Nociceptive Steady-State Evoked Potentials Elicited by Rapid Periodic Thermal Stimulation of Cutaneous Nociceptors. Journal of Neuroscience, 2011, 31, 6079-6087.	3.6	76
112	From the neuromatrix to the pain matrix (and back). Experimental Brain Research, 2010, 205, 1-12.	1.5	466
113	Functional exploration of the human spinal cord during voluntary movement and somatosensory stimulation. Magnetic Resonance Imaging, 2010, 28, 1216-1224.	1.8	24
114	Low intensity intra-epidermal electrical stimulation can activate AÎ´-nociceptors selectively. Pain, 2010, 150, 199-207.	4.2	171
115	Coupling of simultaneously acquired electrophysiological and haemodynamic responses during visual stimulation. Magnetic Resonance Imaging, 2010, 28, 1066-1077.	1.8	12
116	Stimulus Novelty, and Not Neural Refractoriness, Explains the Repetition Suppression of Laser-Evoked Potentials. Journal of Neurophysiology, 2010, 104, 2116-2124.	1.8	55
117	Assessment of nonlinear interactions in event-related potentials (ERPs) elicited by stimuli presented at short inter-stimulus intervals. , 2010, 2010, 4834-7.		1
118	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.	1.8	129
119	Functional characterisation of sensory ERPs using probabilistic ICA: Effect of stimulus modality and stimulus location. Clinical Neurophysiology, 2010, 121, 577-587.	1.5	19
120	EEG signatures of auditory activity correlate with simultaneously recorded fMRI responses in humans. NeuroImage, 2010, 49, 849-864.	4.2	75
121	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.	4.2	148
122	A quantitative comparison of BOLD fMRI responses to noxious and innocuous stimuli in the human spinal cord. NeuroImage, 2010, 50, 1408-1415.	4.2	55
123	Characterizing the Cortical Activity through Which Pain Emerges from Nociception. Journal of Neuroscience, 2009, 29, 7909-7916.	3.6	134
124	Nociceptive Laser-Evoked Brain Potentials Do Not Reflect Nociceptive-Specific Neural Activity. Journal of Neurophysiology, 2009, 101, 3258-3269.	1.8	307
125	Placebo conditioning and placebo analgesia modulate a common brain network during pain anticipation and perception. Pain, 2009, 145, 24-30.	4.2	148
126	Are There Nociceptive-Specific Brain Potentials? Reply to BaumgÃrtner and Treede. Journal of Neurophysiology, 2009, 102, 3075-3076.	1.8	2

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127	Combining EEG and fMRI in Pain Research. , 2009, , 365-384.		2
128	Across-trial averaging of event-related EEG responses and beyond. Magnetic Resonance Imaging, 2008, 26, 1041-1054.	1.8	345
129	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.	4.2	16
130	Topodiagnostic implications of hemiataxia: An MRI-based brainstem mapping analysis. NeuroImage, 2008, 39, 1625-1632.	4.2	25
131	Regions of interest analysis in pharmacological fMRI: How do the definition criteria influence the inferred result?. NeuroImage, 2008, 40, 121-132.	4.2	72
132	Determinants of Laser-Evoked EEG Responses: Pain Perception or Stimulus Saliency?. Journal of Neurophysiology, 2008, 100, 815-828.	1.8	340
133	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.	2.5	65
134	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.	3.6	87
135	15 BRAIN POTENTIALS EVOKED BY MECHANICAL STIMULI: A NEW TOOL FOR ASSESSING CENTRAL SENSITISATION?. European Journal of Pain, 2007, 11, S7-S7.	2.8	0
136	204 PINPRICK-EVOKED POTENTIALS (PEPS): A NOVEL TOOL TO ASSESS CENTRAL SENSITISATION IN HUMANS. European Journal of Pain, 2007, 11, S89-S89.	2.8	3
137	222 THE SUPRASPINAL REPRESENTATION OF CENTRAL SENSITIZATION IN HUMANS. European Journal of Pain, 2007, 11, S98-S98.	2.8	0
138	BOLD functional MRI in disease and pharmacological studies: room for improvement?. Magnetic Resonance Imaging, 2007, 25, 978-988.	1.8	196
139	Diagnostic accuracy of trigeminal reflex testing in trigeminal neuralgia. Neurology, 2006, 66, 139-141.	1.1	67
140	Automated single-trial measurement of amplitude and latency of laser-evoked potentials (LEPs) using multiple linear regression. Clinical Neurophysiology, 2006, 117, 1331-1344.	1.5	50
141	Measurement ofÂskin temperature after infrared laser stimulation. Neurophysiologie Clinique, 2006, 36, 207-218.	2.2	50
142	307 THE SUPRASPINAL REPRESENTATION OF CENTRAL SENSITIZATION IN HUMANS. European Journal of Pain, 2006, 10, S82b-S82.	2.8	0
143	340 SIMILAR NOCICEPTIVE AFFERENTS MEDIATE PSYCHOPHYSICAL AND ELECTROPHYSIOLOGICAL RESPONSES TO THERMAL STIMULATION. European Journal of Pain, 2006, 10, S91-S91.	2.8	0
144	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.	2.9	150

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145	Chapter 6 Brainstem functional imaging in humans. Supplements To Clinical Neurophysiology, 2006, 58, 52-67.	2.1	23
146	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
147	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.	1.8	4
148	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
149	On the interpretation of temporal differences of BOLD fMRI responses to nociceptive stimulation. Journal of Neurophysiology, 2005, 93, 3718-3719.	1.8	3
150	A longitudinal fMRI study on motor activity in patients with multiple sclerosis. Brain, 2005, 128, 2146-2153.	7.6	87
151	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.	7.1	251
152	Brainstem reflex circuits revisited. Brain, 2005, 128, 386-394.	7.6	151
153	A topodiagnostic investigation on body lateropulsion in medullary infarcts. Neurology, 2005, 64, 716-718.	1.1	70
154	Laser-evoked potentials: normative values. Clinical Neurophysiology, 2005, 116, 821-826.	1.5	135
155	Simultaneous recording of laser-evoked brain potentials and continuous, high-field functional magnetic resonance imaging in humans. NeuroImage, 2005, 28, 708-719.	4.2	123
156	Removal of FMRI environment artifacts from EEG data using optimal basis sets. NeuroImage, 2005, 28, 720-737.	4.2	510
157	Laser evoked potentials and carbamazepine in epileptic patients. Neurophysiologie Clinique, 2005, 35, 93-96.	2.2	2
158	A role for the brainstem in central sensitisation in humans. Evidence from functional magnetic resonance imaging. Pain, 2005, 114, 397-407.	4.2	279
159	Laser guns and hot plates. Pain, 2005, 116, 1-3.	4.2	76
160	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.	2.3	188
161	Laser evoked potentials for assessing sensory neuropathy in human patients. Neuroscience Letters, 2004, 361, 25-28.	2.1	50
162	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.	1.5	105

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163	Is Ross syndrome a dysautonomic disorder only? An electrophysiologic and histologic study. Clinical Neurophysiology, 2003, 114, 7-16.	1.5	44
164	Laser-evoked potentials in post-herpetic neuralgia. Clinical Neurophysiology, 2003, 114, 702-709.	1.5	54
165	Representation of different trigeminal divisions within the primary and secondary human somatosensory cortex. NeuroImage, 2003, 19, 906-912.	4.2	54
166	Trigeminal responses to laser stimuli. Neurophysiologie Clinique, 2003, 33, 315-324.	2.2	38
167	Reduced habituation to experimental pain in migraine patients: a CO2 laser evoked potential study. Pain, 2003, 105, 57-64.	4.2	205
168	Unmyelinated trigeminal pathways as assessed by laser stimuli in humans. Brain, 2003, 126, 2246-2256.	7.6	148
169	Evidence of a Specific Spinal Pathway for the Sense of Warmth in Humans. Journal of Neurophysiology, 2003, 89, 562-570.	1.8	122
170	fMRI/EEG in paroxysmal activity elicited by elimination of central vision and fixation. Neurology, 2002, 58, 976-979.	1.1	53
171	Cortical motor reorganization after a single clinical attack of multiple sclerosis. Brain, 2002, 125, 1607-1615.	7.6	171
172	Nociceptive Quality of the Laser-Evoked Blink Reflex in Humans. Journal of Neurophysiology, 2002, 87, 1386-1394.	1.8	24
173	Contribution of Corticospinal Tract Damage to Cortical Motor Reorganization after a Single Clinical Attack of Multiple Sclerosis. NeuroImage, 2002, 17, 1837-1843.	4.2	107
174	Occurrence of adrenergic nerve fibers in human thymus during immune response. Neurochemistry International, 2002, 40, 211-221.	3.8	16
175	An Artificial Neural Network for 3D Localization of Brainstem Functional Lesions. Lecture Notes in Computer Science, 2002, , 186-197.	1.3	0
176	The problem of conduction velocity of the human spinothalamic tract. Clinical Neurophysiology, 2001, 112, 1113-1114.	1.5	7
177	A Morphometric Study of Age Changes in the Rat Optic Nerve. Ophthalmologica, 2001, 215, 366-371.	1.9	14
178	Small-fiber dysfunction in trigeminal neuralgia. Neurology, 2001, 56, 1722-1726.	1.1	96
179	Metabolic Changes in Rabbit Lens Induced by Treatment with Dexamethasone. Ophthalmic Research, 2001, 33, 68-74.	1.9	13
180	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.	1.9	36

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181	Conduction velocity of the human spinothalamic tract as assessed by laser evoked potentials. NeuroReport, 2000, 11, 3029-3032.	1.2	52
182	Acetylcholinesterase activity in rat thymus after immunostimulation with interleukin Î². Annals of Anatomy, 2000, 182, 243-248.	1.9	8
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