

Giandomenico D Iannetti

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4485221/publications.pdf>

Version: 2024-02-01

189
papers

14,380
citations

18887

64
h-index

25230

113
g-index

198
all docs

198
docs citations

198
times ranked

10668
citing authors

#	ARTICLE	IF	CITATIONS
1	Neural processes responsible for the translation of sustained nociceptive inputs into subjective pain experience. <i>Cerebral Cortex</i> , 2023, 33, 634-650.	1.6	7
2	Brain Responses to Surprising Stimulus Offsets: Phenomenology and Functional Significance. <i>Cerebral Cortex</i> , 2022, 32, 2231-2244.	1.6	4
3	Limits of decoding mental states with fMRI. <i>Cortex</i> , 2022, 149, 101-122.	1.1	7
4	Local spatial analysis: an easy-to-use adaptive spatial EEG filter. <i>Journal of Neurophysiology</i> , 2021, 125, 509-521.	0.9	7
5	Hyperscanning Alone Cannot Prove Causality. <i>Multibrain Stimulation Can. Trends in Cognitive Sciences</i> , 2021, 25, 96-99.	4.0	64
6	Waves of Change: Brain Sensitivity to Differential, not Absolute, Stimulus Intensity is Conserved Across Humans and Rats. <i>Cerebral Cortex</i> , 2021, 31, 949-960.	1.6	13
7	Feedforward and feedback pathways of nociceptive and tactile processing in human somatosensory system: A study of dynamic causal modeling of fMRI data. <i>NeuroImage</i> , 2021, 234, 117957.	2.1	19
8	Proving Causality in Hyperscanning: Multibrain Stimulation and Other Approaches: Response to Moreau and Dumas. <i>Trends in Cognitive Sciences</i> , 2021, 25, 544-545.	4.0	9
9	Towards a unified neural mechanism for reactive adaptive behaviour. <i>Progress in Neurobiology</i> , 2021, 204, 102115.	2.8	8
10	Movement vigor: Frameworks, exceptions, and nomenclature. <i>Behavioral and Brain Sciences</i> , 2021, 44, e126.	0.4	0
11	The Neural Origin of Nociceptive-Induced Gamma-Band Oscillations. <i>Journal of Neuroscience</i> , 2020, 40, 3478-3490.	1.7	30
12	Ultralow-frequency neural entrainment to pain. <i>PLoS Biology</i> , 2020, 18, e3000491.	2.6	7
13	Fine-Grained Mapping of Cortical Somatotopies in Chronic Complex Regional Pain Syndrome. <i>Journal of Neuroscience</i> , 2019, 39, 9185-9196.	1.7	43
14	Muscular effort increases hand-blink reflex magnitude. <i>Neuroscience Letters</i> , 2019, 702, 11-14.	1.0	6
15	Brain regions preferentially responding to transient and iso-intense painful or tactile stimuli. <i>NeuroImage</i> , 2019, 192, 52-65.	2.1	25
16	The effect of salient stimuli on neural oscillations, isometric force, and their coupling. <i>NeuroImage</i> , 2019, 198, 221-230.	2.1	39
17	No temporal contrast enhancement of simple decreases in noxious heat. <i>Journal of Neurophysiology</i> , 2019, 121, 1778-1786.	0.9	5
18	Movement of environmental threats modifies the relevance of the defensive eye-blink in a spatially-tuned manner. <i>Scientific Reports</i> , 2019, 9, 3661.	1.6	9

#	ARTICLE	IF	CITATIONS
19	Spatial Patterns of Brain Activity Preferentially Reflecting Transient Pain and Stimulus Intensity. <i>Cerebral Cortex</i> , 2019, 29, 2211-2227.	1.6	43
20	Neurobiological mechanisms of TENS-induced analgesia. <i>NeuroImage</i> , 2019, 195, 396-408.	2.1	85
21	The Value of Actions, in Time and Space. <i>Trends in Cognitive Sciences</i> , 2019, 23, 270-271.	4.0	8
22	Neural indicators of perceptual variability of pain across species. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 1782-1791.	3.3	123
23	Cognitive gadgets and cognitive priors. <i>Behavioral and Brain Sciences</i> , 2019, 42, e177.	0.4	0
24	Saliency Detection as a Reactive Process: Unexpected Sensory Events Evoke Corticomuscular Coupling. <i>Journal of Neuroscience</i> , 2018, 38, 2385-2397.	1.7	65
25	Brain oscillations reflecting pain-related behavior in freely moving rats. <i>Pain</i> , 2018, 159, 106-118.	2.0	40
26	The search for pain biomarkers in the human brain. <i>Brain</i> , 2018, 141, 3290-3307.	3.7	170
27	Tagging the musical beat: Neural entrainment or event-related potentials?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E11002-E11003.	3.3	33
28	An Action Field Theory of Peripersonal Space. <i>Trends in Cognitive Sciences</i> , 2018, 22, 1076-1090.	4.0	150
29	Temporal Profile and Limb-specificity of Phasic Pain-Evoked Changes in Motor Excitability. <i>Neuroscience</i> , 2018, 386, 240-255.	1.1	14
30	Ineffectiveness of tactile gating shows cortical basis of nociceptive signaling in the Thermal Grill Illusion. <i>Scientific Reports</i> , 2018, 8, 6584.	1.6	19
31	High-precision voluntary movements are largely independent of preceding vertex potentials elicited by sudden sensory events. <i>Journal of Physiology</i> , 2018, 596, 3655-3673.	1.3	9
32	Somatotopic Representation of Second Pain in the Primary Somatosensory Cortex of Humans and Rodents. <i>Journal of Neuroscience</i> , 2018, 38, 5538-5550.	1.7	27
33	Characterizing the Short-Term Habituation of Event-Related Evoked Potentials. <i>ENeuro</i> , 2018, 5, ENEURO.0014-18.2018.	0.9	20
34	Pain outside the body: defensive peripersonal space deformation in trigeminal neuralgia. <i>Scientific Reports</i> , 2017, 7, 12487.	1.6	17
35	Brain imaging tests for chronic pain: medical, legal and ethical issues and recommendations. <i>Nature Reviews Neurology</i> , 2017, 13, 624-638.	4.9	220
36	Rethinking blinking: No cognitive modulation of reflex eye protection in early onset blindness. <i>Clinical Neurophysiology</i> , 2017, 128, 16-17.	0.7	6

#	ARTICLE	IF	CITATIONS
37	A geometric model of defensive peripersonal space. <i>Journal of Neurophysiology</i> , 2016, 115, 218-225.	0.9	36
38	Brain potentials evoked by intraepidermal electrical stimuli reflect the central sensitization of nociceptive pathways. <i>Journal of Neurophysiology</i> , 2016, 116, 286-295.	0.9	21
39	Perceptual learning to discriminate the intensity and spatial location of nociceptive stimuli. <i>Scientific Reports</i> , 2016, 6, 39104.	1.6	12
40	Gravitational cues modulate the shape of defensive peripersonal space. <i>Current Biology</i> , 2016, 26, R1133-R1134.	1.8	26
41	Laser-evoked cortical responses in freely-moving rats reflect the activation of C-fibre afferent pathways. <i>NeuroImage</i> , 2016, 128, 209-217.	2.1	19
42	Pain in the ACC?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E2474-5.	3.3	136
43	The "Pain Matrix" in Pain-Free Individuals. <i>JAMA Neurology</i> , 2016, 73, 755.	4.5	122
44	Alpha and gamma oscillation amplitudes synergistically predict the perception of forthcoming nociceptive stimuli. <i>Human Brain Mapping</i> , 2016, 37, 501-514.	1.9	93
45	Issues in Pain Prediction "Beyond Pain and Gain". <i>Trends in Neurosciences</i> , 2016, 39, 640-642.	4.2	9
46	Interpersonal interactions and empathy modulate perception of threat and defensive responses. <i>Scientific Reports</i> , 2016, 6, 19353.	1.6	37
47	The blink reflex magnitude is continuously adjusted according to both current and predicted stimulus position with respect to the face. <i>Cortex</i> , 2016, 81, 168-175.	1.1	22
48	Painful Issues in Pain Prediction. <i>Trends in Neurosciences</i> , 2016, 39, 212-220.	4.2	73
49	Nociceptive-Evoked Potentials Are Sensitive to Behaviorally Relevant Stimulus Displacements in Egocentric Coordinates. <i>ENeuro</i> , 2016, 3, ENEURO.0151-15.2016.	0.9	14
50	Assessment of nonlinear interactions in event-related potentials elicited by stimuli presented at short interstimulus intervals using single-trial data. <i>Journal of Neurophysiology</i> , 2015, 113, 3623-3633.	0.9	6
51	Was it a pain or a sound? Across-species variability in sensory sensitivity. <i>Pain</i> , 2015, 156, 2449-2457.	2.0	18
52	Touch inhibits subcortical and cortical nociceptive responses. <i>Pain</i> , 2015, 156, 1936-1944.	2.0	62
53	Multiple linear regression to estimate time-frequency electrophysiological responses in single trials. <i>NeuroImage</i> , 2015, 111, 442-453.	2.1	33
54	How many peripersonal spaces?. <i>Neuropsychologia</i> , 2015, 70, 327-334.	0.7	170

#	ARTICLE	IF	CITATIONS
55	Laser-Evoked Vertex Potentials Predict Defensive Motor Actions. <i>Cerebral Cortex</i> , 2015, 25, 4789-4798.	1.6	42
56	Caloric vestibular stimulation modulates nociceptive evoked potentials. <i>Experimental Brain Research</i> , 2015, 233, 3393-3401.	0.7	18
57	Poor judgment of distance between nociceptive stimuli. <i>Cognition</i> , 2015, 143, 41-47.	1.1	12
58	Intracortical modulation, and not spinal inhibition, mediates placebo analgesia. <i>European Journal of Neuroscience</i> , 2015, 41, 498-504.	1.2	20
59	Evidence against pain specificity in the dorsal posterior insula. <i>F1000Research</i> , 2015, 4, 362.	0.8	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 time-frequency analysis of electrocortical signals: Baseline correction and beyond. <i>NeuroImage</i> , 2014, 84, 876-887.	2.1	107
62	The primary somatosensory cortex contributes to the latest part of the cortical response elicited by nociceptive somatosensory stimuli in humans. <i>NeuroImage</i> , 2014, 84, 383-393.	2.1	42
63	Corrigendum to "Seeing facial expressions enhances placebo analgesia" [PAIN® 155(4) (2014) 666-673]. <i>Pain</i> , 2014, 155, 1676.	2.0	0
64	Human Brain Responses to Concomitant Stimulation of A δ and C Nociceptors. <i>Journal of Neuroscience</i> , 2014, 34, 11439-11451.	1.7	75
65	Seeing facial expressions enhances placebo analgesia. <i>Pain</i> , 2014, 155, 666-673.	2.0	25
66	Pain relief by touch: A quantitative approach. <i>Pain</i> , 2014, 155, 635-642.	2.0	71
67	Whole-body mapping of spatial acuity for pain and touch. <i>Annals of Neurology</i> , 2014, 75, 917-924.	2.8	220
68	The temporal order judgement of tactile and nociceptive stimuli is impaired by crossing the hands over the body midline. <i>Pain</i> , 2013, 154, 242-247.	2.0	35
69	Better Safe Than Sorry? The Safety Margin Surrounding the Body Is Increased by Anxiety. <i>Journal of Neuroscience</i> , 2013, 33, 14225-14230.	1.7	139
70	Transcranial magnetic stimulation over human secondary somatosensory cortex disrupts perception of pain intensity. <i>Cortex</i> , 2013, 49, 2201-2209.	1.1	58
71	The balance of feelings: Vestibular modulation of bodily sensations. <i>Cortex</i> , 2013, 49, 748-758.	1.1	51
72	Limb-specific autonomic dysfunction in complex regional pain syndrome modulated by wearing prism glasses. <i>Pain</i> , 2013, 154, 2463-2468.	2.0	49

#	ARTICLE	IF	CITATIONS
73	Spatial Sensory Organization and Body Representation in Pain Perception. <i>Current Biology</i> , 2013, 23, R164-R176.	1.8	152
74	Beyond metaphor: contrasting mechanisms of social and physical pain. <i>Trends in Cognitive Sciences</i> , 2013, 17, 371-378.	4.0	156
75	A Fovea for Pain at the Fingertips. <i>Current Biology</i> , 2013, 23, 496-500.	1.8	33
76	Neural coding of nociceptive stimuli—from rat spinal neurones to human perception. <i>Pain</i> , 2013, 154, 1263-1273.	2.0	61
77	A novel approach to predict subjective pain perception from single-trial laser-evoked potentials. <i>NeuroImage</i> , 2013, 81, 283-293.	2.1	113
78	Novelty is not enough: laser-evoked potentials are determined by stimulus saliency, not absolute novelty. <i>Journal of Neurophysiology</i> , 2013, 109, 692-701.	0.9	86
79	Bypassing Primary Sensory Cortices—A Direct Thalamocortical Pathway for Transmitting Salient Sensory Information. <i>Cerebral Cortex</i> , 2013, 23, 1-11.	1.6	83
80	Primary sensory cortices contain distinguishable spatial patterns of activity for each sense. <i>Nature Communications</i> , 2013, 4, 1979.	5.8	135
81	Unmasking the obligatory components of nociceptive event-related brain potentials. <i>Journal of Neurophysiology</i> , 2013, 110, 2312-2324.	0.9	24
82	Pinprick-evoked brain potentials: a novel tool to assess central sensitization of nociceptive pathways in humans. <i>Journal of Neurophysiology</i> , 2013, 110, 1107-1116.	0.9	63
83	Gamma-Band Oscillations in the Primary Somatosensory Cortex—A Direct and Obligatory Correlate of Subjective Pain Intensity. <i>Journal of Neuroscience</i> , 2012, 32, 7429-7438.	1.7	273
84	Linking Pain and the Body: Neural Correlates of Visually Induced Analgesia. <i>Journal of Neuroscience</i> , 2012, 32, 2601-2607.	1.7	129
85	Spatially defined modulation of skin temperature and hand ownership of both hands in patients with unilateral complex regional pain syndrome. <i>Brain</i> , 2012, 135, 3676-3686.	3.7	93
86	Linguistic synaesthesia, perceptual synaesthesia, and the interaction between multiple sensory modalities. <i>Pragmatics and Cognition</i> , 2012, 20, 135-167.	0.2	21
87	Defensive peripersonal space: the blink reflex evoked by hand stimulation is increased when the hand is near the face. <i>Journal of Neurophysiology</i> , 2012, 107, 880-889.	0.9	115
88	Fine-Grained Nociceptive Maps in Primary Somatosensory Cortex. <i>Journal of Neuroscience</i> , 2012, 32, 17155-17162.	1.7	108
89	To Blink or Not to Blink: Fine Cognitive Tuning of the Defensive Peripersonal Space. <i>Journal of Neuroscience</i> , 2012, 32, 12921-12927.	1.7	90
90	Automated single-trial assessment of laser-evoked potentials as an objective functional diagnostic tool for the nociceptive system. <i>Clinical Neurophysiology</i> , 2012, 123, 2437-2445.	0.7	14

#	ARTICLE	IF	CITATIONS
91	The primary somatosensory cortex largely contributes to the early part of the cortical response elicited by nociceptive stimuli. <i>NeuroImage</i> , 2012, 59, 1571-1581.	2.1	113
92	The "pain matrix" reloaded. <i>Scandinavian Journal of Pain</i> , 2012, 3, 173-173.	0.5	1
93	Seeing touch and pain in a stranger modulates the cortical responses elicited by somatosensory but not auditory stimulation. <i>Human Brain Mapping</i> , 2012, 33, 2873-2884.	1.9	18
94	Dishabituation of laser-evoked EEG responses: dissecting the effect of certain and uncertain changes in stimulus spatial location. <i>Experimental Brain Research</i> , 2012, 218, 361-372.	0.7	30
95	Taking into account latency, amplitude, and morphology: improved estimation of single-trial ERPs by wavelet filtering and multiple linear regression. <i>Journal of Neurophysiology</i> , 2011, 106, 3216-3229.	0.9	48
96	A multisensory investigation of the functional significance of the "pain matrix". <i>NeuroImage</i> , 2011, 54, 2237-2249.	2.1	446
97	Single-trial detection of somatosensory evoked potentials by probabilistic independent component analysis and wavelet filtering. <i>Clinical Neurophysiology</i> , 2011, 122, 1429-1439.	0.7	40
98	The pain matrix reloaded. <i>Progress in Neurobiology</i> , 2011, 93, 111-124.	2.8	721
99	S110 THE DEFENSIVE BLINK REFLEX EVOKED BY HAND STIMULATION IS INCREASED WHEN THE HAND ENTERS THE PERIPERSONAL SPACE SURROUNDING THE FACE. <i>European Journal of Pain Supplements</i> , 2011, 5, 199-199.	0.0	0
100	S111 COGNITIVE MODULATION OF THE EXCITABILITY OF BRAINSTEM DEFENSIVE REFLEXES. <i>European Journal of Pain Supplements</i> , 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. <i>European Journal of Pain Supplements</i> , 2011, 5, 107-107.	0.0	0
102	S112 LASER-INDUCED GAMMA OSCILLATIONS ROBUSTLY CORRELATE WITH PAIN PERCEPTION REGARDLESS OF STIMULUS SALIENCY. <i>European Journal of Pain Supplements</i> , 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. <i>European Journal of Pain Supplements</i> , 2011, 5, 216-216.	0.0	0
104	A supramodal representation of the body surface. <i>Neuropsychologia</i> , 2011, 49, 1194-1201.	0.7	84
105	NeuPSIG guidelines on neuropathic pain assessment. <i>Pain</i> , 2011, 152, 14-27.	2.0	871
106	The analgesic effect of crossing the arms. <i>Pain</i> , 2011, 152, 1418-1423.	2.0	68
107	Corrigendum to "Low intensity intra-epidermal electrical stimulation can activate A δ -nociceptors selectively" [<i>Pain</i> 150 (2010) 199-207]. <i>Pain</i> , 2011, 152, 1212.	2.0	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. <i>Journal of Neuroscience</i> , 2011, 31, 8976-8985.	1.7	74

#	ARTICLE	IF	CITATIONS
109	Dishabituation of Laser-evoked EEG Responses: Dissecting the Effect of Certain and Uncertain Changes in Stimulus Modality. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 2822-2837.	1.1	62
110	Can the functional MRI responses to physical pain really tell us why social rejection "hurts"?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, E343-E343.	3.3	14
111	Nociceptive Steady-State Evoked Potentials Elicited by Rapid Periodic Thermal Stimulation of Cutaneous Nociceptors. <i>Journal of Neuroscience</i> , 2011, 31, 6079-6087.	1.7	76
112	From the neuromatrix to the pain matrix (and back). <i>Experimental Brain Research</i> , 2010, 205, 1-12.	0.7	466
113	Functional exploration of the human spinal cord during voluntary movement and somatosensory stimulation. <i>Magnetic Resonance Imaging</i> , 2010, 28, 1216-1224.	1.0	24
114	Low intensity intra-epidermal electrical stimulation can activate A δ -nociceptors selectively. <i>Pain</i> , 2010, 150, 199-207.	2.0	171
115	Coupling of simultaneously acquired electrophysiological and haemodynamic responses during visual stimulation. <i>Magnetic Resonance Imaging</i> , 2010, 28, 1066-1077.	1.0	12
116	Stimulus Novelty, and Not Neural Refractoriness, Explains the Repetition Suppression of Laser-Evoked Potentials. <i>Journal of Neurophysiology</i> , 2010, 104, 2116-2124.	0.9	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. <i>Journal of Neurophysiology</i> , 2010, 104, 2863-2872.	0.9	129
119	Functional characterisation of sensory ERPs using probabilistic ICA: Effect of stimulus modality and stimulus location. <i>Clinical Neurophysiology</i> , 2010, 121, 577-587.	0.7	19
120	EEG signatures of auditory activity correlate with simultaneously recorded fMRI responses in humans. <i>NeuroImage</i> , 2010, 49, 849-864.	2.1	75
121	A novel approach for enhancing the signal-to-noise ratio and detecting automatically event-related potentials (ERPs) in single trials. <i>NeuroImage</i> , 2010, 50, 99-111.	2.1	148
122	A quantitative comparison of BOLD fMRI responses to noxious and innocuous stimuli in the human spinal cord. <i>NeuroImage</i> , 2010, 50, 1408-1415.	2.1	55
123	Characterizing the Cortical Activity through Which Pain Emerges from Nociception. <i>Journal of Neuroscience</i> , 2009, 29, 7909-7916.	1.7	134
124	Nociceptive Laser-Evoked Brain Potentials Do Not Reflect Nociceptive-Specific Neural Activity. <i>Journal of Neurophysiology</i> , 2009, 101, 3258-3269.	0.9	307
125	Placebo conditioning and placebo analgesia modulate a common brain network during pain anticipation and perception. <i>Pain</i> , 2009, 145, 24-30.	2.0	148
126	Are There Nociceptive-Specific Brain Potentials? Reply to BaumgÄrtner and Treede. <i>Journal of Neurophysiology</i> , 2009, 102, 3075-3076.	0.9	2

#	ARTICLE	IF	CITATIONS
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.	1.0	345
129	A review of the evidence against the "first come first served" hypothesis. Comment on Truini et al. [Pain 2007;131:43-7]. Pain, 2008, 136, 219-221.	2.0	16
130	Topodiagnostic implications of hemiataxia: An MRI-based brainstem mapping analysis. NeuroImage, 2008, 39, 1625-1632.	2.1	25
131	Regions of interest analysis in pharmacological fMRI: How do the definition criteria influence the inferred result?. NeuroImage, 2008, 40, 121-132.	2.1	72
132	Determinants of Laser-Evoked EEG Responses: Pain Perception or Stimulus Saliency?. Journal of Neurophysiology, 2008, 100, 815-828.	0.9	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.	1.1	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.	1.7	87
135	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
136	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
137	222 THE SUPRASPINAL REPRESENTATION OF CENTRAL SENSITIZATION IN HUMANS. European Journal of Pain, 2007, 11, S98-S98.	1.4	0
138	BOLD functional MRI in disease and pharmacological studies: room for improvement?. Magnetic Resonance Imaging, 2007, 25, 978-988.	1.0	196
139	Diagnostic accuracy of trigeminal reflex testing in trigeminal neuralgia. Neurology, 2006, 66, 139-141.	1.5	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.	0.7	50
141	Measurement of skin temperature after infrared laser stimulation. Neurophysiologie Clinique, 2006, 36, 207-218.	1.0	50
142	307 THE SUPRASPINAL REPRESENTATION OF CENTRAL SENSITIZATION IN HUMANS. European Journal of Pain, 2006, 10, S82b-S82.	1.4	0
143	340 SIMILAR NOCICEPTIVE AFFERENTS MEDIATE PSYCHOPHYSICAL AND ELECTROPHYSIOLOGICAL RESPONSES TO THERMAL STIMULATION. European Journal of Pain, 2006, 10, S91-S91.	1.4	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.	1.3	150

#	ARTICLE	IF	CITATIONS
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.	1.0	4
148	Chapter 4 3D brainstem topodiagnosis – 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.	0.9	3
150	A longitudinal fMRI study on motor activity in patients with multiple sclerosis. Brain, 2005, 128, 2146-2153.	3.7	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.	3.3	251
152	Brainstem reflex circuits revisited. Brain, 2005, 128, 386-394.	3.7	151
153	A topodiagnostic investigation on body lateropulsion in medullary infarcts. Neurology, 2005, 64, 716-718.	1.5	70
154	Laser-evoked potentials: normative values. Clinical Neurophysiology, 2005, 116, 821-826.	0.7	135
155	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
156	Removal of FMRI environment artifacts from EEG data using optimal basis sets. NeuroImage, 2005, 28, 720-737.	2.1	510
157	Laser evoked potentials and carbamazepine in epileptic patients. Neurophysiologie Clinique, 2005, 35, 93-96.	1.0	2
158	A role for the brainstem in central sensitisation in humans. Evidence from functional magnetic resonance imaging. Pain, 2005, 114, 397-407.	2.0	279
159	Laser guns and hot plates. Pain, 2005, 116, 1-3.	2.0	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.	1.1	188
161	Laser evoked potentials for assessing sensory neuropathy in human patients. Neuroscience Letters, 2004, 361, 25-28.	1.0	50
162	Altered 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

#	ARTICLE	IF	CITATIONS
163	Is Ross syndrome a dysautonomic disorder only? An electrophysiologic and histologic study. <i>Clinical Neurophysiology</i> , 2003, 114, 7-16.	0.7	44
164	Laser-evoked potentials in post-herpetic neuralgia. <i>Clinical Neurophysiology</i> , 2003, 114, 702-709.	0.7	54
165	Representation of different trigeminal divisions within the primary and secondary human somatosensory cortex. <i>NeuroImage</i> , 2003, 19, 906-912.	2.1	54
166	Trigeminal responses to laser stimuli. <i>Neurophysiologie Clinique</i> , 2003, 33, 315-324.	1.0	38
167	Reduced habituation to experimental pain in migraine patients: a CO2 laser evoked potential study. <i>Pain</i> , 2003, 105, 57-64.	2.0	205
168	Unmyelinated trigeminal pathways as assessed by laser stimuli in humans. <i>Brain</i> , 2003, 126, 2246-2256.	3.7	148
169	Evidence of a Specific Spinal Pathway for the Sense of Warmth in Humans. <i>Journal of Neurophysiology</i> , 2003, 89, 562-570.	0.9	122
170	fMRI/EEG in paroxysmal activity elicited by elimination of central vision and fixation. <i>Neurology</i> , 2002, 58, 976-979.	1.5	53
171	Cortical motor reorganization after a single clinical attack of multiple sclerosis. <i>Brain</i> , 2002, 125, 1607-1615.	3.7	171
172	Nociceptive Quality of the Laser-Evoked Blink Reflex in Humans. <i>Journal of Neurophysiology</i> , 2002, 87, 1386-1394.	0.9	24
173	Contribution of Corticospinal Tract Damage to Cortical Motor Reorganization after a Single Clinical Attack of Multiple Sclerosis. <i>NeuroImage</i> , 2002, 17, 1837-1843.	2.1	107
174	Occurrence of adrenergic nerve fibers in human thymus during immune response. <i>Neurochemistry International</i> , 2002, 40, 211-221.	1.9	16
175	An Artificial Neural Network for 3D Localization of Brainstem Functional Lesions. <i>Lecture Notes in Computer Science</i> , 2002, , 186-197.	1.0	0
176	The problem of conduction velocity of the human spinothalamic tract. <i>Clinical Neurophysiology</i> , 2001, 112, 1113-1114.	0.7	7
177	A Morphometric Study of Age Changes in the Rat Optic Nerve. <i>Ophthalmologica</i> , 2001, 215, 366-371.	1.0	14
178	Small-fiber dysfunction in trigeminal neuralgia. <i>Neurology</i> , 2001, 56, 1722-1726.	1.5	96
179	Metabolic Changes in Rabbit Lens Induced by Treatment with Dexamethasone. <i>Ophthalmic Research</i> , 2001, 33, 68-74.	1.0	13
180	Usefulness of dorsal laser evoked potentials in patients with spinal cord damage: report of two cases. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2001, 71, 792-794.	0.9	36

#	ARTICLE	IF	CITATIONS
181	Conduction velocity of the human spinothalamic tract as assessed by laser evoked potentials. <i>NeuroReport</i> , 2000, 11, 3029-3032.	0.6	52
182	Acetylcholinesterase activity in rat thymus after immunostimulation with interleukin $\hat{1}^2$. <i>Annals of Anatomy</i> , 2000, 182, 243-248.	1.0	8
183	Three-dimensional mapping of brainstem functional lesions. <i>Medical and Biological Engineering and Computing</i> , 2000, 38, 639-644.	1.6	11
184	Topographical distribution of pinprick and warmth thresholds to CO2 laser stimulation on the human skin. <i>Neuroscience Letters</i> , 2000, 285, 115-118.	1.0	53
185	Quantification of acetylcholinesterase-positive structures in human thymus during development and aging. <i>Neurochemistry International</i> , 2000, 36, 75-82.	1.9	10
186	Trigeminal small-fibre dysfunction in patients with diabetes mellitus: a study with laser evoked potentials and corneal reflex. <i>Clinical Neurophysiology</i> , 2000, 111, 2264-2267.	0.7	23
187	Determination of dopamine D1 receptors in the human uveo scleral tissue by light microscope autoradiography. <i>International Ophthalmology</i> , 1999, 23, 171-179.	0.6	8
188	Catecholaminergic Innervation of the Human Dura Mater Involved in Headache. <i>Headache</i> , 1998, 38, 352-355.	1.8	17
189	Nerve fibersâ€™ mast cells correlation in the rat parietal pleura. <i>Respiration Physiology</i> , 1998, 113, 181-188.	2.8	6