

Irene Tracey

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9160977/publications.pdf>

Version: 2024-02-01

227
papers

31,403
citations

3933

88
h-index

4774

169
g-index

243
all docs

243
docs citations

243
times ranked

29094
citing authors

#	ARTICLE	IF	CITATIONS
1	Cortico-Brainstem Mechanisms of Biased Perceptual Decision-Making in the Context of Pain. <i>Journal of Pain</i> , 2022, 23, 680-692.	1.4	9
2	IMI2-PainCare-BioPain-RCT1: study protocol for 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 peripheral nerve excitability testing (NET). <i>Trials</i> , 2022, 23, 163.	1.6	2
3	Human lesions and animal studies link the claustrum to perception, salience, sleep and pain. <i>Brain</i> , 2022, 145, 1610-1623.	7.6	15
4	Hippocampus mediates nocebo impairment of opioid analgesia through changes in functional connectivity. <i>European Journal of Neuroscience</i> , 2022, 56, 3967-3978.	2.6	7
5	Coupling cognitive and brainstem dysfunction in multiple sclerosis-related chronic neuropathic limb pain. <i>Brain Communications</i> , 2022, 4, .	3.3	3
6	OUP accepted manuscript. <i>Cerebral Cortex</i> , 2021, , .	2.9	3
7	Chronic musculoskeletal impairment is associated with alterations in brain regions responsible for the production and perception of movement. <i>Journal of Physiology</i> , 2021, 599, 2255-2272.	2.9	8
8	Human surrogate models of central sensitization: A critical review and practical guide. <i>European Journal of Pain</i> , 2021, 25, 1389-1428.	2.8	51
9	An In-vivo 1H-MRS short-echo time technique at 7T: Quantification of metabolites in chronic multiple sclerosis and neuromyelitis optica brain lesions and normal appearing brain tissue. <i>NeuroImage</i> , 2021, 238, 118225.	4.2	5
10	Placebo comparator group selection and use in surgical trials: the ASPIRE project including expert workshop. <i>Health Technology Assessment</i> , 2021, 25, 1-52.	2.8	6
11	Feasibility and Acceptability of Community Coronavirus Disease 2019 Testing Strategies (FACTS) in a University Setting. <i>Open Forum Infectious Diseases</i> , 2021, 8, .	0.9	13
12	Neuroimaging enters the pain biomarker arena. <i>Science Translational Medicine</i> , 2021, 13, eabj7358.	12.4	16
13	Perceptions on undertaking regular asymptomatic self-testing for COVID-19 using lateral flow tests: a qualitative study of university students and staff. <i>BMJ Open</i> , 2021, 11, e053850.	1.9	33
14	Calibration of arterial spin labeling dataâ€”potential pitfalls in postâ€”processing. <i>Magnetic Resonance in Medicine</i> , 2020, 83, 1222-1234.	3.0	36
15	Hospitalization in fibromyalgia: a cohort-level observational study of in-patient procedures, costs and geographical variation in England. <i>Rheumatology</i> , 2020, 59, 2074-2084.	1.9	7
16	Gabapentin for chronic pelvic pain in women (GaPP2): a multicentre, randomised, double-blind, placebo-controlled trial. <i>Lancet, The</i> , 2020, 396, 909-917.	13.7	42
17	Discovery and validation of biomarkers to aid the development of safe and effective pain therapeutics: challenges and opportunities. <i>Nature Reviews Neurology</i> , 2020, 16, 381-400.	10.1	224
18	Considerations and methods for placebo controls in surgical trials (ASPIRE guidelines). <i>Lancet, The</i> , 2020, 395, 828-838.	13.7	54

#	ARTICLE	IF	CITATIONS
19	Multidisciplinary research priorities for the COVID-19 pandemic – Authors' reply. <i>Lancet Psychiatry</i> , 2020, 7, e44-e45.	7.4	32
20	Multidisciplinary research priorities for the COVID-19 pandemic: a call for action for mental health science. <i>Lancet Psychiatry</i> , 2020, 7, 547-560.	7.4	4,086
21	Ultra-high-field imaging reveals increased whole brain connectivity underpins cognitive strategies that attenuate pain. <i>ELife</i> , 2020, 9, .	6.0	14
22	Response to –Treating patients rather than their functional neuroimages– (Br J Anaesth 2018; 121:) Tj ETQq0 0 0 rgBT /Qverlock 10	3.4	0
23	Auditory and pain processing is severely disrupted at slow wave activity saturation under general anaesthesia. <i>British Journal of Anaesthesia</i> , 2019, 123, e514.	3.4	0
24	Reply. <i>Arthritis and Rheumatology</i> , 2019, 71, 1202-1203.	5.6	0
25	Role of brain imaging in disorders of brain-gut interaction: a Rome Working Team Report. <i>Gut</i> , 2019, 68, 1701-1715.	12.1	91
26	Composite Pain Biomarker Signatures for Objective Assessment and Effective Treatment. <i>Neuron</i> , 2019, 101, 783-800.	8.1	153
27	Defining the Functional Role of NaV1.7 in Human Nociception. <i>Neuron</i> , 2019, 101, 905-919.e8.	8.1	140
28	A method for correcting breathing-induced field fluctuations in T2*-weighted spinal cord imaging using a respiratory trace. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 3745-3753.	3.0	18
29	Imaging clinically relevant pain states using arterial spin labeling. <i>Pain Reports</i> , 2019, 4, e750.	2.7	14
30	The QuinteT Recruitment Intervention supported five randomized trials to recruit to target: a mixed-methods evaluation. <i>Journal of Clinical Epidemiology</i> , 2019, 106, 108-120.	5.0	49
31	Strategy-dependent modulation of cortical pain circuits for the attenuation of pain. <i>Cortex</i> , 2019, 113, 255-266.	2.4	26
32	Structural and Functional Abnormalities of the Primary Somatosensory Cortex in Diabetic Peripheral Neuropathy: A Multimodal MRI Study. <i>Diabetes</i> , 2019, 68, 796-806.	0.6	63
33	Neural basis of induced phantom limb pain relief. <i>Annals of Neurology</i> , 2019, 85, 59-73.	5.3	54
34	Central Sensitization in Knee Osteoarthritis: Relating Presurgical Brainstem Neuroimaging and Pain DETECT-Based Patient Stratification to Arthroplasty Outcome. <i>Arthritis and Rheumatology</i> , 2019, 71, 550-560.	5.6	95
35	General anaesthesia as fragmentation of selfhood: insights from electroencephalography and neuroimaging. <i>British Journal of Anaesthesia</i> , 2018, 121, 233-240.	3.4	25
36	An observational study showed that explaining randomization using gambling-related metaphors and computer-agency descriptions impeded randomized clinical trial recruitment. <i>Journal of Clinical Epidemiology</i> , 2018, 99, 75-83.	5.0	25

#	ARTICLE	IF	CITATIONS
37	A brain-based pain facilitation mechanism contributes to painful diabetic polyneuropathy. <i>Brain</i> , 2018, 141, 357-364.	7.6	89
38	Disambiguating pharmacological mechanisms from placebo in neuropathic pain using functional neuroimaging. <i>British Journal of Anaesthesia</i> , 2018, 120, 299-307.	3.4	43
39	High field structural MRI in the management of degenerative cervical myelopathy. <i>British Journal of Neurosurgery</i> , 2018, 32, 595-598.	0.8	3
40	Spatiotemporal characterization of breathing-induced B0 field fluctuations in the cervical spinal cord at 7T. <i>NeuroImage</i> , 2018, 167, 191-202.	4.2	31
41	Arthroscopic subacromial decompression for subacromial shoulder pain (CSAW): a multicentre, pragmatic, parallel group, placebo-controlled, three-group, randomised surgical trial. <i>Lancet</i> , The, 2018, 391, 329-338.	13.7	343
42	In Reply. <i>Anesthesiology</i> , 2018, 129, 375-377.	2.5	0
43	Feasibility of Diffusion Tensor and Morphologic Imaging of Peripheral Nerves at Ultra-High Field Strength. <i>Investigative Radiology</i> , 2018, 53, 705-713.	6.2	11
44	A new look at painful diabetic neuropathy. <i>Diabetes Research and Clinical Practice</i> , 2018, 144, 177-191.	2.8	112
45	Opioid-Independent and Opioid-Mediated Modes of Pain Modulation. <i>Journal of Neuroscience</i> , 2018, 38, 9047-9058.	3.6	28
46	“Luteal Analgesia” Progesterone Dissociates Pain Intensity and Unpleasantness by Influencing Emotion Regulation Networks. <i>Frontiers in Endocrinology</i> , 2018, 9, 413.	3.5	21
47	Reaffirming the link between chronic phantom limb pain and maintained missing hand representation. <i>Cortex</i> , 2018, 106, 174-184.	2.4	66
48	The influence of the descending pain modulatory system on infant pain-related brain activity. <i>ELife</i> , 2018, 7, .	6.0	46
49	GaPP2, a multicentre randomised controlled trial of the efficacy of gabapentin for the management of chronic pelvic pain in women: study protocol. <i>BMJ Open</i> , 2018, 8, e014924.	1.9	3
50	Structural Connectivity Variances Underlie Functional and Behavioral Changes During Pain Relief Induced by Neuromodulation. <i>Scientific Reports</i> , 2017, 7, 41603.	3.3	54
51	Chronic neuropathic pain severity is determined by lesion level in aquaporin 4-antibody-positive myelitis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017, 88, 165-169.	1.9	37
52	The Potential Role of Sensory Testing, Skin Biopsy, and Functional Brain Imaging as Biomarkers in Chronic Pain Clinical Trials: IMMPACT Considerations. <i>Journal of Pain</i> , 2017, 18, 757-777.	1.4	115
53	Neuroimaging mechanisms in pain: from discovery to translation. <i>Pain</i> , 2017, 158, S115-S122.	4.2	31
54	Opioid neurotransmission modulates defensive behavior and fear-induced antinociception in dangerous environments. <i>Neuroscience</i> , 2017, 354, 178-195.	2.3	37

#	ARTICLE	IF	CITATIONS
55	Investigating resting-state functional connectivity in the cervical spinal cord at 3 T. <i>NeuroImage</i> , 2017, 147, 589-601.	4.2	68
56	Low-threshold mechanoreceptors play a frequency-dependent dual role in subjective ratings of mechanical allodynia. <i>Journal of Neurophysiology</i> , 2017, 118, 3360-3369.	1.8	16
57	A systematic study of the sensitivity of partial volume correction methods for the quantification of perfusion from pseudo-continuous arterial spin labeling MRI. <i>NeuroImage</i> , 2017, 162, 384-397.	4.2	37
58	Brain imaging tests for chronic pain: medical, legal and ethical issues and recommendations. <i>Nature Reviews Neurology</i> , 2017, 13, 624-638.	10.1	220
59	Motor correlates of phantom limb pain. <i>Cortex</i> , 2017, 95, 29-36.	2.4	36
60	Determining the Neural Substrate for Encoding a Memory of Human Pain and the Influence of Anxiety. <i>Journal of Neuroscience</i> , 2017, 37, 11806-11817.	3.6	29
61	Investigation of Slow-wave Activity Saturation during Surgical Anesthesia Reveals a Signature of Neural Inertia in Humans. <i>Anesthesiology</i> , 2017, 127, 645-657.	2.5	60
62	Denoising spinal cord fMRI data: Approaches to acquisition and analysis. <i>NeuroImage</i> , 2017, 154, 255-266.	4.2	49
63	Anesthesia-induced Suppression of Human Dorsal Anterior Insula Responsivity at Loss of Volitional Behavioral Response. <i>Anesthesiology</i> , 2016, 124, 766-778.	2.5	31
64	Disambiguating Pharmacodynamic Efficacy from Behavior with Neuroimaging. <i>Anesthesiology</i> , 2016, 124, 159-168.	2.5	41
65	Pain in patients with transverse myelitis and its relationship to aquaporin 4 antibody status. <i>Journal of the Neurological Sciences</i> , 2016, 368, 84-88.	0.6	26
66	Brainstem processing of peripheral punctate stimuli in patients with and without chemotherapy-induced peripheral neuropathy: a prospective cohort functional MRI study. <i>Lancet</i> , The, 2016, 387, S15.	13.7	2
67	Association of neuropathic limb pain in multiple sclerosis with cognition, behaviour, and measures of brain structure: a case-control MRI neuroimaging study. <i>Lancet</i> , The, 2016, 387, S45.	13.7	0
68	Non-parametric combination and related permutation tests for neuroimaging. <i>Human Brain Mapping</i> , 2016, 37, 1486-1511.	3.6	211
69	A vulnerability to chronic pain and its interrelationship with resistance to analgesia. <i>Brain</i> , 2016, 139, 1869-1872.	7.6	19
70	Chronic pain disrupts the reward circuitry in multiple sclerosis. <i>European Journal of Neuroscience</i> , 2016, 44, 1928-34.	2.6	26
71	Revealing the neural fingerprints of a missing hand. <i>ELife</i> , 2016, 5, .	6.0	107
72	Finding the Hurt in Pain. <i>Cerebrum: the Dana Forum on Brain Science</i> , 2016, 2016, .	0.1	1

#	ARTICLE	IF	CITATIONS
73	The CSAW Study (Can Shoulder Arthroscopy Work?) – a placebo-controlled surgical intervention trial assessing the clinical and cost effectiveness of arthroscopic subacromial decompression for shoulder pain: study protocol for a randomised controlled trial. <i>Trials</i> , 2015, 16, 210.	1.6	39
74	The dorsal posterior insula is not an island in pain but subserves a fundamental role - Response to: –Evidence against pain specificity in the dorsal posterior insula–by Davis et al.. <i>F1000Research</i> , 2015, 4, 1207.	1.6	16
75	fMRI reveals neural activity overlap between adult and infant pain. <i>ELife</i> , 2015, 4, .	6.0	161
76	Functional magnetic resonance imaging can be used to explore tactile and nociceptive processing in the infant brain. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2015, 104, 158-166.	1.5	54
77	The dorsal posterior insula subserves a fundamental role in human pain. <i>Nature Neuroscience</i> , 2015, 18, 499-500.	14.8	303
78	Reassessing cortical reorganization in the primary sensorimotor cortex following arm amputation. <i>Brain</i> , 2015, 138, 2140-2146.	7.6	153
79	Network-level reorganisation of functional connectivity following arm amputation. <i>NeuroImage</i> , 2015, 114, 217-225.	4.2	91
80	Learning to identify CNS drug action and efficacy using multistudy fMRI data. <i>Science Translational Medicine</i> , 2015, 7, 274ra16.	12.4	82
81	Optimization and Reliability of Multiple Postlabeling Delay Pseudo-Continuous Arterial Spin Labeling during Rest and Stimulus-Induced Functional Task Activation. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 1919-1927.	4.3	45
82	Intrinsically organized resting state networks in the human spinal cord. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 18067-18072.	7.1	93
83	Expectations and positive emotional feelings accompany reductions in ongoing and evoked neuropathic pain following placebo interventions. <i>Pain</i> , 2014, 155, 2687-2698.	4.2	75
84	Imaging opioid analgesia in the human brain and its potential relevance for understanding opioid use in chronic pain. <i>Neuropharmacology</i> , 2014, 84, 123-130.	4.1	37
85	Magnetic Resonance Neuroimaging Study of Brain Structural Differences in Diabetic Peripheral Neuropathy. <i>Diabetes Care</i> , 2014, 37, 1681-1688.	8.6	109
86	The current state-of-the-art of spinal cord imaging: Applications. <i>NeuroImage</i> , 2014, 84, 1082-1093.	4.2	169
87	Pain vulnerability: a neurobiological perspective. <i>Nature Neuroscience</i> , 2014, 17, 192-200.	14.8	292
88	The warrior in the machine: neuroscience goes to war. <i>Nature Reviews Neuroscience</i> , 2014, 15, 825-834.	10.2	34
89	Pain and the PAG: learning from painful mistakes. <i>Nature Neuroscience</i> , 2014, 17, 1438-1439.	14.8	17
90	Pain in multiple sclerosis: A systematic review of neuroimaging studies. <i>NeuroImage: Clinical</i> , 2014, 5, 322-331.	2.7	43

#	ARTICLE	IF	CITATIONS
91	Influence of prior information on pain involves biased perceptual decision-making. <i>Current Biology</i> , 2014, 24, R679-R681.	3.9	89
92	Steroid hormones and pain-related brain activity and functional connectivity in healthy women. <i>Lancet, The</i> , 2014, 383, S104.	13.7	1
93	The current state-of-the-art of spinal cord imaging: Methods. <i>NeuroImage</i> , 2014, 84, 1070-1081.	4.2	256
94	Dissociable Neural Mechanisms Underlying the Modulation of Pain and Anxiety? An fMRI Pilot Study. <i>PLoS ONE</i> , 2014, 9, e110654.	2.5	20
95	The spinal cord is never at rest. <i>ELife</i> , 2014, 3, e03811.	6.0	13
96	The importance of context: When relative relief renders pain pleasant. <i>Pain</i> , 2013, 154, 402-410.	4.2	138
97	Amygdala activity contributes to the dissociative effect of cannabis on pain perception. <i>Pain</i> , 2013, 154, 124-134.	4.2	109
98	Widespread Modulation of Cerebral Perfusion Induced during and after Transcranial Direct Current Stimulation Applied to the Left Dorsolateral Prefrontal Cortex. <i>Journal of Neuroscience</i> , 2013, 33, 11425-11431.	3.6	238
99	Structural and functional bases of visuospatial associative memory in older adults. <i>Neurobiology of Aging</i> , 2013, 34, 961-972.	3.1	15
100	Response to the commentary "Multiple potential mechanisms for context effects on pain". <i>Pain</i> , 2013, 154, 1485-1486.	4.2	1
101	Brain imaging reveals that engagement of descending inhibitory pain pathways in healthy women in a low endogenous estradiol state varies with testosterone. <i>Pain</i> , 2013, 154, 515-524.	4.2	71
102	Neuroanatomy of impaired self-awareness in Alzheimer's disease and mild cognitive impairment. <i>Cortex</i> , 2013, 49, 668-678.	2.4	83
103	Resting Functional Connectivity Reveals Residual Functional Activity in Alzheimer's Disease. <i>Biological Psychiatry</i> , 2013, 74, 375-383.	1.3	59
104	Cold or calculating? Reduced activity in the subgenual cingulate cortex reflects decreased emotional aversion to harming in counterintuitive utilitarian judgment. <i>Cognition</i> , 2013, 126, 364-372.	2.2	74
105	Neuro-genetics of persistent pain. <i>Current Opinion in Neurobiology</i> , 2013, 23, 127-132.	4.2	22
106	Phantom pain is associated with preserved structure and function in the former hand area. <i>Nature Communications</i> , 2013, 4, 1570.	12.8	291
107	Imaging pain: a potent means for investigating pain mechanisms in patients. <i>British Journal of Anaesthesia</i> , 2013, 111, 64-72.	3.4	86
108	Neuropathic Features of Joint Pain: A Community-Based Study. <i>Arthritis and Rheumatism</i> , 2013, 65, 1942-1949.	6.7	66

#	ARTICLE	IF	CITATIONS
109	Slow-Wave Activity Saturation and Thalamocortical Isolation During Propofol Anesthesia in Humans. <i>Science Translational Medicine</i> , 2013, 5, 208ra148.	12.4	162
110	(Non)sensory reorganisation following arm amputation. <i>Multisensory Research</i> , 2013, 26, 93.	1.1	0
111	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.	1.8	63
112	Pain, decisions, and actions: a motivational perspective. <i>Frontiers in Neuroscience</i> , 2013, 7, 46.	2.8	132
113	â€œSeeingâ€•How Our Drugs Work Brings Translational Added Value. <i>Anesthesiology</i> , 2013, 119, 1247-1248.	2.5	17
114	Deprivation-related and use-dependent plasticity go hand in hand. <i>ELife</i> , 2013, 2, e01273.	6.0	93
115	The neural basis of intuitive and counterintuitive moral judgment. <i>Social Cognitive and Affective Neuroscience</i> , 2012, 7, 393-402.	3.0	123
116	Stimulus Site and Modality Dependence of Functional Activity within the Human Spinal Cord. <i>Journal of Neuroscience</i> , 2012, 32, 6231-6239.	3.6	47
117	Baseline reward circuitry activity and trait reward responsiveness predict expression of opioid analgesia in healthy subjects. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 17705-17710.	7.1	110
118	Can maladaptive cortical plasticity form new sensory experiences? Revisiting phantom pain. <i>Seeing and Perceiving</i> , 2012, 25, 134.	0.3	0
119	Decoding the perception of pain from fMRI using multivariate pattern analysis. <i>NeuroImage</i> , 2012, 63, 1162-1170.	4.2	177
120	Neuroimaging as a tool to investigate how cognitive factors influence analgesic drug outcomes. <i>Neuroscience Letters</i> , 2012, 520, 149-155.	2.1	21
121	SnapShot: Pain Perception. <i>Cell</i> , 2012, 148, 1308-1308.e2.	28.9	34
122	Imaging opioid analgesia in the human brain. <i>Trends in Anaesthesia and Critical Care</i> , 2012, 2, 244-248.	0.9	4
123	Assessment of physiological noise modelling methods for functional imaging of the spinal cord. <i>NeuroImage</i> , 2012, 60, 1538-1549.	4.2	83
124	An fMRI Study Exploring the Overlap and Differences between Neural Representations of Physical and Recalled Pain. <i>PLoS ONE</i> , 2012, 7, e48711.	2.5	50
125	How a Better Understanding of Spontaneous Mental Imagery Linked to Pain Could Enhance Imagery-Based Therapy in Chronic Pain. <i>Journal of Experimental Psychopathology</i> , 2012, 3, 258-273.	0.8	25
126	Imaging the neural correlates of neuropathic pain and pleasurable relief associated with inherited erythromelalgia in a single subject with quantitative arterial spin labelling. <i>Pain</i> , 2012, 153, 1122-1127.	4.2	29

#	ARTICLE	IF	CITATIONS
127	Structural changes of the brain in rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2012, 64, 371-379.	6.7	95
128	Can neuroimaging studies identify pain endophenotypes in humans?. <i>Nature Reviews Neurology</i> , 2011, 7, 173-181.	10.1	146
129	Evidence that central sensitisation is present in patients with shoulder impingement syndrome and influences the outcome after surgery. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2011, 93-B, 498-502.	3.4	135
130	Presence of Mental Imagery Associated with Chronic Pelvic Pain: A Pilot Study. <i>Pain Medicine</i> , 2011, 12, 1086-1093.	1.9	33
131	Dysmenorrhoea is associated with central changes in otherwise healthy women. <i>Pain</i> , 2011, 152, 1966-1975.	4.2	148
132	The Effect of Treatment Expectation on Drug Efficacy: Imaging the Analgesic Benefit of the Opioid Remifentanyl. <i>Science Translational Medicine</i> , 2011, 3, 70ra14.	12.4	634
133	Flexible Cerebral Connectivity Patterns Subserve Contextual Modulations of Pain. <i>Cerebral Cortex</i> , 2011, 21, 719-726.	2.9	98
134	Neural Correlates of an Injury-Free Model of Central Sensitization Induced by Opioid Withdrawal in Humans. <i>Journal of Neuroscience</i> , 2011, 31, 2835-2842.	3.6	30
135	Relief as a Reward: Hedonic and Neural Responses to Safety from Pain. <i>PLoS ONE</i> , 2011, 6, e17870.	2.5	145
136	Measurement of relative cerebral blood volume using BOLD contrast and mild hypoxic hypoxia. <i>Magnetic Resonance Imaging</i> , 2010, 28, 1129-1134.	1.8	6
137	Unravelling the Mystery of Pain, Suffering, and Relief With Brain Imaging. <i>Current Pain and Headache Reports</i> , 2010, 14, 124-131.	2.9	45
138	Sex Hormones and Pain: The Evidence From Functional Imaging. <i>Current Pain and Headache Reports</i> , 2010, 14, 396-403.	2.9	34
139	The pain matrix: Reloaded or reborn as we image tonic pain using arterial spin labelling. <i>Pain</i> , 2010, 148, 359-360.	4.2	81
140	Thalamic atrophy associated with painful osteoarthritis of the hip is reversible after arthroplasty: A longitudinal voxel-based morphometric study. <i>Arthritis and Rheumatism</i> , 2010, 62, 2930-2940.	6.7	267
141	Getting the pain you expect: mechanisms of placebo, nocebo and reappraisal effects in humans. <i>Nature Medicine</i> , 2010, 16, 1277-1283.	30.7	452
142	Cortical and Subcortical Connectivity Changes during Decreasing Levels of Consciousness in Humans: A Functional Magnetic Resonance Imaging Study using Propofol. <i>Journal of Neuroscience</i> , 2010, 30, 9095-9102.	3.6	199
143	Anterior Insula Integrates Information about Salience into Perceptual Decisions about Pain. <i>Journal of Neuroscience</i> , 2010, 30, 16324-16331.	3.6	383
144	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.	1.8	129

#	ARTICLE	IF	CITATIONS
145	Induction of Depressed Mood Disrupts Emotion Regulation Neurocircuitry and Enhances Pain Unpleasantness. <i>Biological Psychiatry</i> , 2010, 67, 1083-1090.	1.3	226
146	Prestimulus functional connectivity determines pain perception in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 355-360.	7.1	267
147	Neuroimaging in Understanding Chronic Pain Mechanisms and the Development of New Therapies. , 2010, , 251-261.		0
148	Neuroimaging of Visceral Pain. <i>Reviews in Pain</i> , 2009, 3, 2-5.	0.1	25
149	Placebo conditioning and placebo analgesia modulate a common brain network during pain anticipation and perception. <i>Pain</i> , 2009, 145, 24-30.	4.2	148
150	Psychophysical and functional imaging evidence supporting the presence of central sensitization in a cohort of osteoarthritis patients. <i>Arthritis and Rheumatism</i> , 2009, 61, 1226-1234.	6.7	364
151	Brain imaging approaches to the study of functional GI disorders: A Rome Working Team Report. <i>Neurogastroenterology and Motility</i> , 2009, 21, 579-596.	3.0	188
152	Blood oxygenation level dependent functional magnetic resonance imaging: current and potential uses in obstetrics and gynaecology. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2009, 116, 240-246.	2.3	16
153	Neuroimaging as a Tool for Pain Diagnosis and Analgesic Development. <i>Neurotherapeutics</i> , 2009, 6, 755-760.	4.4	22
154	Opioids Depress Cortical Centers Responsible for the Volitional Control of Respiration. <i>Journal of Neuroscience</i> , 2009, 29, 8177-8186.	3.6	142
155	Determination of the human brainstem respiratory control network and its cortical connections in vivo using functional and structural imaging. <i>NeuroImage</i> , 2009, 44, 295-305.	4.2	143
156	The influence of negative emotions on pain: Behavioral effects and neural mechanisms. <i>NeuroImage</i> , 2009, 47, 987-994.	4.2	467
157	How Neuroimaging Studies Have Challenged Us to Rethink: Is Chronic Pain a Disease?. <i>Journal of Pain</i> , 2009, 10, 1113-1120.	1.4	376
158	A common neurobiology for pain and pleasure. <i>Nature Reviews Neuroscience</i> , 2008, 9, 314-320.	10.2	643
159	Pain relief as an opponent process: a psychophysical investigation. <i>European Journal of Neuroscience</i> , 2008, 28, 794-801.	2.6	96
160	An fMRI study measuring analgesia enhanced by religion as a belief system. <i>Pain</i> , 2008, 139, 467-476.	4.2	176
161	Neurocognitive aspects of pain perception. <i>Trends in Cognitive Sciences</i> , 2008, 12, 306-313.	7.8	563
162	Physiological noise modelling for spinal functional magnetic resonance imaging studies. <i>NeuroImage</i> , 2008, 39, 680-692.	4.2	212

#	ARTICLE	IF	CITATIONS
163	Regions of interest analysis in pharmacological fMRI: How do the definition criteria influence the inferred result?. <i>NeuroImage</i> , 2008, 40, 121-132.	4.2	72
164	Investigation into the neural correlates of emotional augmentation of clinical pain. <i>NeuroImage</i> , 2008, 40, 759-766.	4.2	142
165	Volunteer studies in pain research – Opportunities and challenges to replace animal experiments. <i>NeuroImage</i> , 2008, 42, 467-473.	4.2	38
166	Imaging pain. <i>British Journal of Anaesthesia</i> , 2008, 101, 32-39.	3.4	210
167	Identifying Brain Activity Specifically Related to the Maintenance and Perceptual Consequence of Central Sensitization in Humans. <i>Journal of Neuroscience</i> , 2008, 28, 11642-11649.	3.6	138
168	Imaging CNS Modulation of Pain in Humans. <i>Physiology</i> , 2008, 23, 371-380.	3.1	233
169	Hormones and Their Interaction with the Pain Experience. <i>Reviews in Pain</i> , 2008, 2, 20-24.	0.1	44
170	Absorption (Sound Absorption). , 2008, , 3-3.		0
171	Functional Responses in the Human Spinal Cord during Willed Motor Actions: Evidence for Side- and Rate-Dependent Activity. <i>Journal of Neuroscience</i> , 2007, 27, 4182-4190.	3.6	87
172	Itch and Motivation to Scratch: An Investigation of the Central and Peripheral Correlates of Allergen- and Histamine-Induced Itch in Humans. <i>Journal of Neurophysiology</i> , 2007, 97, 415-422.	1.8	144
173	Neuroimaging of pain mechanisms. <i>Current Opinion in Supportive and Palliative Care</i> , 2007, 1, 109-116.	1.3	63
174	Anticipatory brainstem activity predicts neural processing of pain in humans. <i>Pain</i> , 2007, 128, 101-110.	4.2	199
175	The insula: A multidimensional integration site for pain. <i>Pain</i> , 2007, 128, 1-2.	4.2	98
176	The Cerebral Signature for Pain Perception and Its Modulation. <i>Neuron</i> , 2007, 55, 377-391.	8.1	1,414
177	The anxiolytic effects of midazolam during anticipation to pain revealed using fMRI. <i>Magnetic Resonance Imaging</i> , 2007, 25, 801-810.	1.8	57
178	Pharmacological fMRI: Measuring Opioid Effects on the BOLD Response to Hypercapnia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2007, 27, 414-423.	4.3	58
179	Dynamic Forcing of End-Tidal Carbon Dioxide and Oxygen Applied to Functional Magnetic Resonance Imaging. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2007, 27, 1521-1532.	4.3	114
180	Attentional modulation of visceral and somatic pain. <i>Neurogastroenterology and Motility</i> , 2007, 19, 569-577.	3.0	63

#	ARTICLE	IF	CITATIONS
181	An fMRI study of cerebral processing of brush-evoked allodynia in neuropathic pain patients. <i>NeuroImage</i> , 2006, 32, 256-265.	4.2	181
182	Determining anatomical connectivities between cortical and brainstem pain processing regions in humans: A diffusion tensor imaging study in healthy controls. <i>Pain</i> , 2006, 123, 169-178.	4.2	182
183	Imaging pain in patients: is it meaningful?. <i>Current Opinion in Neurology</i> , 2006, 19, 392-400.	3.6	49
184	Similar nociceptive afferents mediate psychophysical and electrophysiological responses to heat stimulation of glabrous and hairy skin in humans. <i>Journal of Physiology</i> , 2006, 577, 235-248.	2.9	150
185	Pharmacological fMRI in the development of new analgesic compounds. <i>NMR in Biomedicine</i> , 2006, 19, 702-711.	2.8	55
186	The role of fMRI in drug discovery. <i>Journal of Magnetic Resonance Imaging</i> , 2006, 23, 862-876.	3.4	183
187	Chapter 6 Brainstem functional imaging in humans. <i>Supplements To Clinical Neurophysiology</i> , 2006, 58, 52-67.	2.1	23
188	REVIEW: From nociception to pain perception: imaging the spinal and supraspinal pathways. <i>Journal of Anatomy</i> , 2005, 207, 19-33.	1.5	304
189	The Neural Matrix of Pain Processing and Placebo Analgesia: Evidence from Functional Imaging. <i>Headache Currents: A Journal for Recent Advances in Headache and Facial Pain</i> , 2005, 2, 123-126.	0.7	3
190	Nociceptive processing in the human brain. <i>Current Opinion in Neurobiology</i> , 2005, 15, 478-487.	4.2	226
191	From The Cover: Pharmacological modulation of pain-related brain activity during normal and central sensitization states in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 18195-18200.	7.1	251
192	A Comparison of Visceral and Somatic Pain Processing in the Human Brainstem Using Functional Magnetic Resonance Imaging. <i>Journal of Neuroscience</i> , 2005, 25, 7333-7341.	3.6	234
193	Somatotopic organisation of the human insula to painful heat studied with high resolution functional imaging. <i>NeuroImage</i> , 2005, 27, 201-209.	4.2	342
194	Quantitative assessment of the reproducibility of functional activation measured with BOLD and MR perfusion imaging: Implications for clinical trial design. <i>NeuroImage</i> , 2005, 27, 393-401.	4.2	125
195	Simultaneous recording of laser-evoked brain potentials and continuous, high-field functional magnetic resonance imaging in humans. <i>NeuroImage</i> , 2005, 28, 708-719.	4.2	123
196	A role for the brainstem in central sensitisation in humans. Evidence from functional magnetic resonance imaging. <i>Pain</i> , 2005, 114, 397-407.	4.2	279
197	Functional connectivity and pain: How effectively connected is your brain? <i>Pain</i> , 2005, 116, 173-174.	4.2	19
198	Operculoinsular cortex encodes pain intensity at the earliest stages of cortical processing as indicated by amplitude of laser-evoked potentials in humans. <i>Neuroscience</i> , 2005, 131, 199-208.	2.3	188

#	ARTICLE	IF	CITATIONS
199	Cortical processing of visceral and somatic stimulation: Differentiating pain intensity from unpleasantness. <i>Neuroscience</i> , 2005, 133, 533-542.	2.3	120
200	Importance of anti- and pro-nociceptive mechanisms in human disease. <i>Gut</i> , 2004, 53, 1553-1555.	12.1	43
201	Using fMRI to Quantify the Time Dependence of Remifentanil Analgesia in the Human Brain. <i>Neuropsychopharmacology</i> , 2004, 29, 626-635.	5.4	107
202	AÎ nociceptor response to laser stimuli: selective effect of stimulus duration on skin temperature, brain potentials and pain perception. <i>Clinical Neurophysiology</i> , 2004, 115, 2629-2637.	1.5	105
203	Resting fluctuations in arterial carbon dioxide induce significant low frequency variations in BOLD signal. <i>NeuroImage</i> , 2004, 21, 1652-1664.	4.2	616
204	Lateralisation of nociceptive processing in the human brain: a functional magnetic resonance imaging study. <i>NeuroImage</i> , 2004, 23, 1068-1077.	4.2	49
205	An Investigation to Dissociate the Analgesic and Anesthetic Properties of Ketamine Using Functional Magnetic Resonance Imaging. <i>Anesthesiology</i> , 2004, 100, 292-301.	2.5	111
206	Imaging how attention modulates pain in humans using functional MRI. <i>Brain</i> , 2002, 125, 310-319.	7.6	759
207	Cerebellar responses during anticipation of noxious stimuli in subjects recovered from depression. <i>British Journal of Psychiatry</i> , 2002, 181, 411-415.	2.8	57
208	Imaging Attentional Modulation of Pain in the Periaqueductal Gray in Humans. <i>Journal of Neuroscience</i> , 2002, 22, 2748-2752.	3.6	527
209	Combining fMRI with a Pharmacokinetic Model to Determine Which Brain Areas Activated by Painful Stimulation Are Specifically Modulated by Remifentanil. <i>NeuroImage</i> , 2002, 16, 999-1014.	4.2	175
210	Evidence for asymmetric frontal-lobe involvement in episodic memory from functional magnetic resonance imaging and patients with unilateral frontal-lobe excisions. <i>Neuropsychologia</i> , 2002, 40, 2420-2437.	1.6	12
211	Anxiety increases perceived pain intensity: A hippocampal mechanism. <i>NeuroImage</i> , 2001, 13, 462.	4.2	3
212	Pharmacological fMRI: A New Tool for Drug Development in Humans. <i>Journal of Pharmacy Practice</i> , 2001, 14, 368-375.	1.0	10
213	Exacerbation of Pain by Anxiety Is Associated with Activity in a Hippocampal Network. <i>Journal of Neuroscience</i> , 2001, 21, 9896-9903.	3.6	707
214	Counter-stimulatory effects on pain perception and processing are significantly altered by attention: an fMRI study. <i>NeuroReport</i> , 2001, 12, 2021-2025.	1.2	98
215	Metabolic Consequences of the Cytochrome c Oxidase Deficiency in Brain of Copper-Deficient Mice. <i>Journal of Neurochemistry</i> , 2001, 72, 1580-1585.	3.9	25
216	Prospects for Human Pharmacological Functional Magnetic Resonance Imaging (phMRI). <i>Journal of Clinical Pharmacology</i> , 2001, 41, 21-28.	2.0	36

#	ARTICLE	IF	CITATIONS
217	Cortical Processing of Human Somatic and Visceral Sensation. Journal of Neuroscience, 2000, 20, 2657-2663.	3.6	204
218	Learning about pain: The neural substrate of the prediction error for aversive events. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 9281-9286.	7.1	220
219	Noxious hot and cold stimulation produce common patterns of brain activation in humans: a functional magnetic resonance imaging study. Neuroscience Letters, 2000, 288, 159-162.	2.1	155
220	Activity in Ventrolateral and Mid-Dorsolateral Prefrontal Cortex during Nonspatial Visual Working Memory Processing: Evidence from Functional Magnetic Resonance Imaging. NeuroImage, 2000, 11, 392-399.	4.2	110
221	Dissociating Pain from Its Anticipation in the Human Brain. Science, 1999, 284, 1979-1981.	12.6	1,026
222	Functional organization of spatial and nonspatial working memory processing within the human lateral frontal cortex. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 7721-7726.	7.1	338
223	Quantitative neuropathology by high resolution magic angle spinning proton magnetic resonance spectroscopy. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 6408-6413.	7.1	335
224	A31P-magnetic resonance spectroscopy and biochemical study of the mdx mouse: Potential model for the mitochondrial encephalomyopathies. , 1997, 20, 1352-1359.		8
225	An in vivo and in vitro 1H-magnetic resonance spectroscopy study of mdx mouse brain: Abnormal development or neural necrosis?. Journal of the Neurological Sciences, 1996, 141, 13-18.	0.6	34
226	Brain abnormalities in Duchenne muscular dystrophy: phosphorus-31 magnetic resonance spectroscopy and neuropsychological study. Lancet, The, 1995, 345, 1260-1264.	13.7	58
227	A 31P-NMR study of muscle exercise metabolism in mdx mice: Evidence for abnormal pH regulation. Journal of the Neurological Sciences, 1992, 113, 108-113.	0.6	33