

Hugo D Critchley

List of Publications by Citations

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303
papers

31,499
citations

84
h-index

174
g-index

339
ext. papers

35,524
ext. citations

5.4
avg, IF

7.53
L-index

#	Paper	IF	Citations
303	Neural systems supporting interoceptive awareness. <i>Nature Neuroscience</i> , 2004 , 7, 189-95	25.5	2513
302	Temporal difference models and reward-related learning in the human brain. <i>Neuron</i> , 2003 , 38, 329-37	13.9	1139
301	A common role of insula in feelings, empathy and uncertainty. <i>Trends in Cognitive Sciences</i> , 2009 , 13, 334-40	14	942
300	Human cingulate cortex and autonomic control: converging neuroimaging and clinical evidence. <i>Brain</i> , 2003 , 126, 2139-52	11.2	917
299	Neural mechanisms of autonomic, affective, and cognitive integration. <i>Journal of Comparative Neurology</i> , 2005 , 493, 154-66	3.4	906
298	Neural responses during anticipation of a primary taste reward. <i>Neuron</i> , 2002 , 33, 815-26	13.9	887
297	Beauty in a smile: the role of medial orbitofrontal cortex in facial attractiveness. <i>Neuropsychologia</i> , 2003 , 41, 147-55	3.2	686
296	The functional neuroanatomy of social behaviour: changes in cerebral blood flow when people with autistic disorder process facial expressions. <i>Brain</i> , 2000 , 123 (Pt 11), 2203-12	11.2	648
295	Neural activity relating to generation and representation of galvanic skin conductance responses: a functional magnetic resonance imaging study. <i>Journal of Neuroscience</i> , 2000 , 20, 3033-40	6.6	620
294	Knowing your own heart: distinguishing interoceptive accuracy from interoceptive awareness. <i>Biological Psychology</i> , 2015 , 104, 65-74	3.2	619
293	Cerebral correlates of autonomic cardiovascular arousal: a functional neuroimaging investigation in humans. <i>Journal of Physiology</i> , 2000 , 523 Pt 1, 259-70	3.9	572
292	Visceral influences on brain and behavior. <i>Neuron</i> , 2013 , 77, 624-38	13.9	546
291	Neural activity in the human brain relating to uncertainty and arousal during anticipation. <i>Neuron</i> , 2001 , 29, 537-45	13.9	535
290	Inflammation causes mood changes through alterations in subgenual cingulate activity and mesolimbic connectivity. <i>Biological Psychiatry</i> , 2009 , 66, 407-14	7.9	533
289	Dissociating valence of outcome from behavioral control in human orbital and ventral prefrontal cortices. <i>Journal of Neuroscience</i> , 2003 , 23, 7931-9	6.6	506
288	Electrodermal responses: what happens in the brain. <i>Neuroscientist</i> , 2002 , 8, 132-42	7.6	482
287	Regret and its avoidance: a neuroimaging study of choice behavior. <i>Nature Neuroscience</i> , 2005 , 8, 1255-62	5.5	477

286	An interoceptive predictive coding model of conscious presence. <i>Frontiers in Psychology</i> , 2011 , 2, 395	3.4	442
285	Conjoint activity of anterior insular and anterior cingulate cortex: awareness and response. <i>Brain Structure and Function</i> , 2010 , 214, 535-49	4	412
284	Fear conditioning in humans: the influence of awareness and autonomic arousal on functional neuroanatomy. <i>Neuron</i> , 2002 , 33, 653-63	13.9	389
283	Explicit and implicit neural mechanisms for processing of social information from facial expressions: a functional magnetic resonance imaging study. <i>Human Brain Mapping</i> , 2000 , 9, 93-105	5.9	382
282	Hunger and satiety modify the responses of olfactory and visual neurons in the primate orbitofrontal cortex. <i>Journal of Neurophysiology</i> , 1996 , 75, 1673-86	3.2	367
281	Anterior cingulate activity during error and autonomic response. <i>NeuroImage</i> , 2005 , 27, 885-95	7.9	362
280	Activity in ventromedial prefrontal cortex covaries with sympathetic skin conductance level: a physiological account of a "default mode" of brain function. <i>NeuroImage</i> , 2004 , 22, 243-51	7.9	358
279	Brain anatomy and sensorimotor gating in Asperger's syndrome. <i>Brain</i> , 2002 , 125, 1594-606	11.2	347
278	Orbitofrontal cortex neurons: role in olfactory and visual association learning. <i>Journal of Neurophysiology</i> , 1996 , 75, 1970-81	3.2	332
277	Interoception and Mental Health: A Roadmap. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018 , 3, 501-513	3.4	283
276	Peripheral inflammation is associated with altered substantia nigra activity and psychomotor slowing in humans. <i>Biological Psychiatry</i> , 2008 , 63, 1022-9	7.9	283
275	Neuroanatomical basis for first- and second-order representations of bodily states. <i>Nature Neuroscience</i> , 2001 , 4, 207-12	25.5	276
274	Brain activity relating to the contingent negative variation: an fMRI investigation. <i>NeuroImage</i> , 2004 , 21, 1232-41	7.9	271
273	Neural correlates of processing valence and arousal in affective words. <i>Cerebral Cortex</i> , 2007 , 17, 742-8	5.1	261
272	Activity in the human brain predicting differential heart rate responses to emotional facial expressions. <i>NeuroImage</i> , 2005 , 24, 751-62	7.9	253
271	Multisensory integration across exteroceptive and interoceptive domains modulates self-experience in the rubber-hand illusion. <i>Neuropsychologia</i> , 2013 , 51, 2909-17	3.2	247
270	Anxiety reduction through detachment: subjective, physiological, and neural effects. <i>Journal of Cognitive Neuroscience</i> , 2005 , 17, 874-83	3.1	246
269	Responses to the sensory properties of fat of neurons in the primate orbitofrontal cortex. <i>Journal of Neuroscience</i> , 1999 , 19, 1532-40	6.6	246

268	Neural origins of human sickness in interoceptive responses to inflammation. <i>Biological Psychiatry</i> , 2009 , 66, 415-22	7.9	244
267	Interoception and emotion. <i>Current Opinion in Psychology</i> , 2017 , 17, 7-14	6.2	234
266	Discrepancies between dimensions of interoception in autism: Implications for emotion and anxiety. <i>Biological Psychology</i> , 2016 , 114, 117-26	3.2	232
265	Psychophysiology of neural, cognitive and affective integration: fMRI and autonomic indicants. <i>International Journal of Psychophysiology</i> , 2009 , 73, 88-94	2.9	226
264	The embodiment of emotional feelings in the brain. <i>Journal of Neuroscience</i> , 2010 , 30, 12878-84	6.6	209
263	Interoception, emotion and brain: new insights link internal physiology to social behaviour. Commentary on: "Anterior insular cortex mediates bodily sensibility and social anxiety" by Terasawa et al. (2012). <i>Social Cognitive and Affective Neuroscience</i> , 2013 , 8, 231-4	4	206
262	Fear from the heart: sensitivity to fear stimuli depends on individual heartbeats. <i>Journal of Neuroscience</i> , 2014 , 34, 6573-82	6.6	205
261	Levels of appraisal: a medial prefrontal role in high-level appraisal of emotional material. <i>NeuroImage</i> , 2006 , 30, 1458-66	7.9	196
260	The human cortex responds to an interoceptive challenge. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 6333-4	11.5	187
259	Volitional control of autonomic arousal: a functional magnetic resonance study. <i>NeuroImage</i> , 2002 , 16, 909-19	7.9	178
258	Perigenual anterior cingulate morphology covaries with perceived social standing. <i>Social Cognitive and Affective Neuroscience</i> , 2007 , 2, 161-73	4	168
257	The Gilles de la Tourette syndrome-quality of life scale (GTS-QOL): development and validation. <i>Neurology</i> , 2008 , 71, 1410-6	6.5	163
256	Cortical and subcortical gray matter abnormalities in schizophrenia determined through structural magnetic resonance imaging with optimized volumetric voxel-based morphometry. <i>American Journal of Psychiatry</i> , 2002 , 159, 1497-505	11.9	155
255	Olfactory neuronal responses in the primate orbitofrontal cortex: analysis in an olfactory discrimination task. <i>Journal of Neurophysiology</i> , 1996 , 75, 1659-72	3.2	154
254	Imitating expressions: emotion-specific neural substrates in facial mimicry. <i>Social Cognitive and Affective Neuroscience</i> , 2006 , 1, 122-35	4	150
253	Interoceptive basis to craving. <i>Neuron</i> , 2007 , 54, 183-6	13.9	148
252	Changes in brain activity following sacral neuromodulation for urinary retention. <i>Journal of Urology</i> , 2005 , 174, 2268-72	2.5	143
251	Structural brain abnormalities associated with deletion at chromosome 22q11: quantitative neuroimaging study of adults with velo-cardio-facial syndrome. <i>British Journal of Psychiatry</i> , 2001 , 178, 412-9	5.4	143

250	A cortical potential reflecting cardiac function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 6818-23	11.5	141
249	Representation of olfactory information in the primate orbitofrontal cortex. <i>Journal of Neurophysiology</i> , 1996 , 75, 1982-96	3.2	141
248	Pupillary contagion: central mechanisms engaged in sadness processing. <i>Social Cognitive and Affective Neuroscience</i> , 2006 , 1, 5-17	4	135
247	Brain activity during biofeedback relaxation: a functional neuroimaging investigation. <i>Brain</i> , 2001 , 124, 1003-12	11.2	135
246	Following one's heart: cardiac rhythms gate central initiation of sympathetic reflexes. <i>Journal of Neuroscience</i> , 2009 , 29, 1817-25	6.6	132
245	Interaction between cognition, emotion, and the autonomic nervous system. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2013 , 117, 59-77	3	131
244	Neural basis of contagious itch and why some people are more prone to it. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 19816-21	11.5	125
243	Interoceptive dimensions across cardiac and respiratory axes. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016 , 371,	5.8	123
242	The neurobiology of interoception in health and disease. <i>Annals of the New York Academy of Sciences</i> , 2018 , 1428, 112-128	6.5	121
241	Threat and the Body: How the Heart Supports Fear Processing. <i>Trends in Cognitive Sciences</i> , 2016 , 20, 34-46	14	120
240	The neuropsychological impact of insular cortex lesions. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2010 , 81, 611-8	5.5	113
239	Multispectral brain morphometry in Tourette syndrome persisting into adulthood. <i>Brain</i> , 2010 , 133, 3661-75	11.75	113
238	Asperger syndrome: a proton magnetic resonance spectroscopy study of brain. <i>Archives of General Psychiatry</i> , 2002 , 59, 885-91		113
237	Dissecting axes of autonomic control in humans: Insights from neuroimaging. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2011 , 161, 34-42	2.4	112
236	Emotional appraisal is influenced by cardiac afferent information. <i>Emotion</i> , 2012 , 12, 180-91	4.1	111
235	Brain systems for baroreflex suppression during stress in humans. <i>Human Brain Mapping</i> , 2012 , 33, 1700-16	5.16	109
234	Responses of primate taste cortex neurons to the astringent tastant tannic acid. <i>Chemical Senses</i> , 1996 , 21, 135-45	4.8	105
233	Modulation of emotional appraisal by false physiological feedback during fMRI. <i>PLoS ONE</i> , 2007 , 2, e5463.7	3.7	103

232	Alterations in Amygdala-Prefrontal Functional Connectivity Account for Excessive Worry and Autonomic Dysregulation in Generalized Anxiety Disorder. <i>Biological Psychiatry</i> , 2016 , 80, 786-795	7.9	102
231	What the heart forgets: Cardiac timing influences memory for words and is modulated by metacognition and interoceptive sensitivity. <i>Psychophysiology</i> , 2013 , 50, 505-12	4.1	98
230	A Neurocomputational Account of How Inflammation Enhances Sensitivity to Punishments Versus Rewards. <i>Biological Psychiatry</i> , 2016 , 80, 73-81	7.9	96
229	Intra- and extra-cranial effects of transient blood pressure changes on brain near-infrared spectroscopy (NIRS) measurements. <i>Journal of Neuroscience Methods</i> , 2011 , 197, 283-8	3	96
228	Extending predictive processing to the body: emotion as interoceptive inference. <i>Behavioral and Brain Sciences</i> , 2013 , 36, 227-8	0.9	95
227	Controlling emotional expression: behavioral and neural correlates of nonimitative emotional responses. <i>Cerebral Cortex</i> , 2008 , 18, 104-13	5.1	94
226	Blocking central opiate function modulates hedonic impact and anterior cingulate response to rewards and losses. <i>Journal of Neuroscience</i> , 2008 , 28, 10509-16	6.6	93
225	Face-selective and auditory neurons in the primate orbitofrontal cortex. <i>Experimental Brain Research</i> , 2006 , 170, 74-87	2.3	91
224	Peripheral inflammation acutely impairs human spatial memory via actions on medial temporal lobe glucose metabolism. <i>Biological Psychiatry</i> , 2014 , 76, 585-93	7.9	90
223	Pathophysiological and cognitive mechanisms of fatigue in multiple sclerosis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019 , 90, 642-651	5.5	89
222	Mental stress and sudden cardiac death: asymmetric midbrain activity as a linking mechanism. <i>Brain</i> , 2005 , 128, 75-85	11.2	88
221	Functional connectivity and network analysis of midbrain and brainstem nuclei. <i>NeuroImage</i> , 2016 , 134, 53-63	7.9	88
220	Responses of neurons in the primate taste cortex to the glutamate ion and to inosine 5Pmonophosphate. <i>Physiology and Behavior</i> , 1996 , 59, 991-1000	3.5	86
219	Interoception beyond homeostasis: affect, cognition and mental health. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016 , 371,	5.8	84
218	Will studies of macaque insula reveal the neural mechanisms of self-awareness?. <i>Neuron</i> , 2012 , 74, 423-613.9	3.9	83
217	Autism attenuates sex differences in brain structure: a combined voxel-based morphometry and diffusion tensor imaging study. <i>American Journal of Neuroradiology</i> , 2012 , 33, 83-9	4.4	81
216	On the generalised embodiment of pain: how interoceptive sensitivity modulates cutaneous pain perception. <i>Pain</i> , 2012 , 153, 1680-1686	8	79
215	Quantitative Magnetization Transfer Imaging as a Biomarker for Effects of Systemic Inflammation on the Brain. <i>Biological Psychiatry</i> , 2015 , 78, 49-57	7.9	78

214	Functional magnetic resonance imaging of odor identification: the effect of aging. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2001 , 56, M756-60	6.4	78
213	Genetic association and brain morphology studies and the chromosome 8p22 pericentriolar material 1 (PCM1) gene in susceptibility to schizophrenia. <i>Archives of General Psychiatry</i> , 2006 , 63, 844-54		77
212	Imaging informational conflict: a functional magnetic resonance imaging study of numerical stroop. <i>Journal of Cognitive Neuroscience</i> , 2006 , 18, 2049-62	3.1	76
211	Brain mechanisms for mood congruent memory facilitation. <i>NeuroImage</i> , 2005 , 25, 1214-23	7.9	75
210	Impaired olfactory identification in Asperger's syndrome. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2003 , 15, 105-7	2.7	75
209	Mood-dependent memory. <i>Trends in Cognitive Sciences</i> , 2003 , 7, 431-3	14	74
208	Emotional valence and arousal affect reading in an interactive way: neuroimaging evidence for an approach-withdrawal framework. <i>Neuropsychologia</i> , 2014 , 56, 79-89	3.2	72
207	A functional magnetic resonance imaging study of the effect of sacral neuromodulation on brain responses in women with Fowler's syndrome. <i>BJU International</i> , 2010 , 105, 366-72	5.6	72
206	Fear recognition ability predicts differences in social cognitive and neural functioning in men. <i>Journal of Cognitive Neuroscience</i> , 2006 , 18, 889-97	3.1	71
205	Psychiatric and psychological aspects in the Ehlers-Danlos syndromes. <i>American Journal of Medical Genetics, Part C: Seminars in Medical Genetics</i> , 2017 , 175, 237-245	3.1	70
204	Social and motivational functioning is not critically dependent on feedback of autonomic responses: neuropsychological evidence from patients with pure autonomic failure. <i>Neuropsychologia</i> , 2004 , 42, 1979-88	3.2	69
203	Dissecting the Gilles de la Tourette spectrum: a factor analytic study on 639 patients. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2011 , 82, 1320-3	5.5	68
202	Physiological feelings. <i>Neuroscience and Biobehavioral Reviews</i> , 2019 , 103, 267-304	9	64
201	Heart-brain interactions in cardiac arrhythmia. <i>Heart</i> , 2011 , 97, 698-708	5.1	64
200	The neurophysiology of taste and olfaction in primates, and umami flavor. <i>Annals of the New York Academy of Sciences</i> , 1998 , 855, 426-37	6.5	64
199	Emotional and autonomic consequences of spinal cord injury explored using functional brain imaging. <i>Brain</i> , 2006 , 129, 718-28	11.2	64
198	Unique brain areas associated with abstinence control are damaged in multiply detoxified alcoholics. <i>Biological Psychiatry</i> , 2011 , 70, 545-52	7.9	63
197	Emotional regulation and bodily sensation: interoceptive awareness is intact in borderline personality disorder. <i>Journal of Personality Disorders</i> , 2013 , 27, 506-18	2.6	62

196	The impact of overnight consolidation upon memory for emotional and neutral encoding contexts. <i>Neuropsychologia</i> , 2011 , 49, 2619-29	3.2	62
195	Prefrontal and medial temporal correlates of repetitive violence to self and others. <i>Biological Psychiatry</i> , 2000 , 47, 928-34	7.9	61
194	The influence of physiological signals on cognition. <i>Current Opinion in Behavioral Sciences</i> , 2018 , 19, 13-18	4.1	60
193	Processing of observed pupil size modulates perception of sadness and predicts empathy. <i>Emotion</i> , 2007 , 7, 724-9	4.1	60
192	Effects of inflammation on hippocampus and substantia nigra responses to novelty in healthy human participants. <i>Neuropsychopharmacology</i> , 2015 , 40, 831-8	8.7	59
191	The rebirth of neuroscience in psychosomatic medicine, Part II: clinical applications and implications for research. <i>Psychosomatic Medicine</i> , 2009 , 71, 135-51	3.7	58
190	Acute Changes in Striatal Microstructure Predict the Development of Interferon-Alpha Induced Fatigue. <i>Biological Psychiatry</i> , 2016 , 79, 320-8	7.9	55
189	Central autonomic network mediates cardiovascular responses to acute inflammation: relevance to increased cardiovascular risk in depression?. <i>Brain, Behavior, and Immunity</i> , 2013 , 31, 189-96	16.6	55
188	Sex differences and autism: brain function during verbal fluency and mental rotation. <i>PLoS ONE</i> , 2012 , 7, e38355	3.7	52
187	Influence of sympathetic autonomic arousal on tics: implications for a therapeutic behavioral intervention for Tourette syndrome. <i>Journal of Psychosomatic Research</i> , 2009 , 67, 599-605	4.1	52
186	Cognitive functioning in orthostatic hypotension due to pure autonomic failure. <i>Clinical Autonomic Research</i> , 2006 , 16, 113-20	4.3	51
185	Neurobiological substrates of cognitive rigidity and autonomic inflexibility in generalized anxiety disorder. <i>Biological Psychology</i> , 2016 , 119, 31-41	3.2	50
184	The Representation of Information About Taste and Odor in the Orbitofrontal Cortex. <i>Chemosensory Perception</i> , 2010 , 3, 16-33	1.2	50
183	Schizotypal personality traits in Gilles de la Tourette syndrome. <i>Acta Neurologica Scandinavica</i> , 2007 , 116, 385-91	3.8	49
182	Brain structure and joint hypermobility: relevance to the expression of psychiatric symptoms. <i>British Journal of Psychiatry</i> , 2012 , 200, 508-9	5.4	48
181	Emotion and its disorders. <i>British Medical Bulletin</i> , 2003 , 65, 35-47	5.4	47
180	Physiological recordings: basic concepts and implementation during functional magnetic resonance imaging. <i>NeuroImage</i> , 2009 , 47, 1105-15	7.9	46
179	Baroreceptor activation attenuates attentional effects on pain-evoked potentials. <i>Pain</i> , 2010 , 151, 853-861	4.6	46

178	Slow breathing and hypoxic challenge: cardiorespiratory consequences and their central neural substrates. <i>PLoS ONE</i> , 2015 , 10, e0127082	3.7	46
177	The role of emotions and physiological arousal in modulating impulsive behaviour. <i>Biological Psychology</i> , 2018 , 133, 30-43	3.2	45
176	Neuroimaging and psychophysiological investigation of the link between anxiety, enhanced affective reactivity and interoception in people with joint hypermobility. <i>Frontiers in Psychology</i> , 2014 , 5, 1162	3.4	45
175	A neural circuitry linking insulin resistance to depressed mood. <i>Psychosomatic Medicine</i> , 2012 , 74, 476-82	3.7	45
174	Deficits in Neurite Density Underlie White Matter Structure Abnormalities in First-Episode Psychosis. <i>Biological Psychiatry</i> , 2017 , 82, 716-725	7.9	44
173	Interactions between visceral afferent signaling and stimulus processing. <i>Frontiers in Neuroscience</i> , 2015 , 9, 286	5.1	44
172	Cardiac afferent activity modulates the expression of racial stereotypes. <i>Nature Communications</i> , 2017 , 8, 13854	17.4	43
171	Interoceptive Ability Predicts Survival on a London Trading Floor. <i>Scientific Reports</i> , 2016 , 6, 32986	4.9	43
170	Cognitive functioning after medial frontal lobe damage including the anterior cingulate cortex: a preliminary investigation. <i>Brain and Cognition</i> , 2006 , 60, 166-75	2.7	42
169	Influence of sympathetic autonomic arousal on cortical arousal: implications for a therapeutic behavioural intervention in epilepsy. <i>Epilepsy Research</i> , 2004 , 58, 185-93	3	42
168	Vagus nerve stimulation for treatment-resistant depression: behavioral and neural effects on encoding negative material. <i>Psychosomatic Medicine</i> , 2007 , 69, 17-22	3.7	40
167	Sleep and the heart: Interoceptive differences linked to poor experiential sleep quality in anxiety and depression. <i>Biological Psychology</i> , 2017 , 127, 163-172	3.2	39
166	Centrality of prefrontal and motor preparation cortices to Tourette Syndrome revealed by meta-analysis of task-based neuroimaging studies. <i>NeuroImage: Clinical</i> , 2017 , 16, 257-267	5.3	38
165	A Bayesian Account of the Sensory-Motor Interactions Underlying Symptoms of Tourette Syndrome. <i>Frontiers in Psychiatry</i> , 2019 , 10, 29	5	37
164	Interaction of activation-repolarization coupling and restitution properties in humans. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2009 , 2, 162-70	6.4	37
163	Prolactin response to d-fenfluramine in postmenopausal women on and off ERT: comparison with young women. <i>Psychoneuroendocrinology</i> , 2001 , 26, 493-502	5	37
162	Amygdala functional connectivity as a longitudinal biomarker of symptom changes in generalized anxiety. <i>Social Cognitive and Affective Neuroscience</i> , 2016 , 11, 1719-1728	4	37
161	Risk-Taking and Impulsivity: The Role of Mood States and Interoception. <i>Frontiers in Psychology</i> , 2018 , 9, 1625	3.4	35

160	Heart rate variability as a biomarker in health and affective disorders: A perspective on neuroimaging studies. <i>NeuroImage</i> , 2019 , 202, 116072	7.9	35
159	Decision-making under risk: a graph-based network analysis using functional MRI. <i>NeuroImage</i> , 2012 , 60, 2191-205	7.9	35
158	Mind-Body Interactions in Anxiety and Somatic Symptoms. <i>Harvard Review of Psychiatry</i> , 2016 , 24, 53-60	4.1	35
157	Anger in brain and body: the neural and physiological perturbation of decision-making by emotion. <i>Social Cognitive and Affective Neuroscience</i> , 2016 , 11, 150-8	4	34
156	Catatonic signs in Gilles de la Tourette syndrome. <i>Cognitive and Behavioral Neurology</i> , 2008 , 21, 34-7	1.6	34
155	Dynamic pupillary exchange engages brain regions encoding social salience. <i>Social Neuroscience</i> , 2009 , 4, 233-43	2	33
154	Diseases, Disorders, and Comorbidities of Interoception. <i>Trends in Neurosciences</i> , 2021 , 44, 39-51	13.3	33
153	Neurostructural abnormalities associated with axes of emotion dysregulation in generalized anxiety. <i>NeuroImage: Clinical</i> , 2016 , 10, 172-81	5.3	32
152	Heightened resting neural activity predicts exaggerated stressor-evoked blood pressure reactivity. <i>Hypertension</i> , 2009 , 53, 819-25	8.5	32
151	How Emotions Are Shaped by Bodily States. <i>Emotion Review</i> , 2012 , 4, 163-168	4.6	32
150	Intuitive interference in quantitative reasoning. <i>Brain Research</i> , 2006 , 1073-1074, 383-8	3.7	32
149	Social and emotional functions in three patients with medial frontal lobe damage including the anterior cingulate cortex. <i>Cognitive Neuropsychiatry</i> , 2006 , 11, 369-88	2	32
148	Investigating the relationship between cardiac interoception and autonomic cardiac control using a predictive coding framework. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2018 , 210, 65-71	2.4	31
147	Under pressure: response urgency modulates striatal and insula activity during decision-making under risk. <i>PLoS ONE</i> , 2011 , 6, e20942	3.7	31
146	Vulnerability to simple faints is predicted by regional differences in brain anatomy. <i>NeuroImage</i> , 2009 , 47, 937-45	7.9	31
145	Processing facial emotions in adults with velo-cardio-facial syndrome: functional magnetic resonance imaging. <i>British Journal of Psychiatry</i> , 2006 , 189, 560-1	5.4	31
144	Mind-wandering and alterations to default mode network connectivity when listening to naturalistic versus artificial sounds. <i>Scientific Reports</i> , 2017 , 7, 45273	4.9	30
143	Effect of parasympathetic stimulation on brain activity during appraisal of fearful expressions. <i>Neuropsychopharmacology</i> , 2015 , 40, 1649-58	8.7	29

142	Direct skin-to-skin versus indirect touch modulates neural responses to stroking versus tapping. <i>NeuroReport</i> , 2011 , 22, 646-51	1.7	29
141	Effects of transcranial direct-current stimulation (tDCS) of the dorsolateral prefrontal cortex (DLPFC) during a mixed-gambling risky decision-making task. <i>Cognitive Neuroscience</i> , 2012 , 3, 80-8	1.7	29
140	How Do Self-Assessment of Alexithymia and Sensitivity to Bodily Sensations Relate to Alcohol Consumption?. <i>Alcoholism: Clinical and Experimental Research</i> , 2018 , 42, 81-88	3.7	29
139	Feedback from the heart: Emotional learning and memory is controlled by cardiac cycle, interoceptive accuracy and personality. <i>Biological Psychology</i> , 2017 , 126, 19-29	3.2	28
138	Response inhibition on the stop signal task improves during cardiac contraction. <i>Scientific Reports</i> , 2018 , 8, 9136	4.9	28
137	Alcohol affects neuronal substrates of response inhibition but not of perceptual processing of stimuli signalling a stop response. <i>PLoS ONE</i> , 2013 , 8, e76649	3.7	28
136	Abnormalities in fronto-striatal connectivity within language networks relate to differences in grey-matter heterogeneity in Asperger syndrome. <i>NeuroImage: Clinical</i> , 2013 , 2, 716-26	5.3	27
135	Acute alcohol effects on attentional bias are mediated by subcortical areas associated with arousal and salience attribution. <i>Neuropsychopharmacology</i> , 2013 , 38, 1365-73	8.7	26
134	The neural basis of illusory gustatory sensations: two rare cases of lexical-gustatory synaesthesia. <i>Journal of Neuropsychology</i> , 2011 , 5, 243-54	2.6	26
133	Emotional modulation of visual cortex activity: a functional near-infrared spectroscopy study. <i>NeuroReport</i> , 2009 , 20, 1344-50	1.7	26
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