

Claus Lamm

List of Publications by Year in Descending Order

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Version: 2024-04-24

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

168
papers

10,267
citations

43
h-index

99
g-index

229
ext. papers

12,469
ext. citations

5.3
avg, IF

6.76
L-index

#	Paper	IF	Citations
168	National identity predicts public health support during a global pandemic.. <i>Nature Communications</i> , 2022 , 13, 517	17.4	22
167	The role of right supra-marginal gyrus and secondary somatosensory cortex in age-related differences in human emotional egocentricity.. <i>Neurobiology of Aging</i> , 2022 , 112, 102-110	5.6	0
166	Situational factors shape moral judgements in the trolley dilemma in Eastern, Southern and Western countries in a culturally diverse sample.. <i>Nature Human Behaviour</i> , 2022 ,	12.8	2
165	Give me a pain that I am used to: distinct habituation patterns to painful and non-painful stimulation. <i>Scientific Reports</i> , 2021 , 11, 22929	4.9	0
164	Basolateral and central amygdala orchestrate how we learn whom to trust. <i>Communications Biology</i> , 2021 , 4, 1329	6.7	
163	Older adults across the globe exhibit increased prosocial behavior but also greater in-group preferences. <i>Nature Aging</i> , 2021 , 1, 880-888		3
162	Interplay of self-other distinction and cognitive control mechanisms in a social automatic imitation task: An ERP study. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2021 , 21, 639-655	3.5	0
161	Durable memories and efficient neural coding through mnemonic training using the method of loci. <i>Science Advances</i> , 2021 , 7,	14.3	4
160	Watching others in a positive state does not induce optimism bias in common marmosets (<i>Callithrix jacchus</i>), but leads to behaviour indicative of competition. <i>Animal Cognition</i> , 2021 , 24, 1039-1056	3.1	
159	Socio-cognitive training impacts emotional and perceptual self-salience but not self-other distinction. <i>Acta Psychologica</i> , 2021 , 216, 103297	1.7	0
158	Variability in Brain Structure and Function Reflects Lack of Peer Support. <i>Cerebral Cortex</i> , 2021 , 31, 4612-4627	5.46	0
157	Not giving up: Testosterone promotes persistence against a stronger opponent. <i>Psychoneuroendocrinology</i> , 2021 , 128, 105214	5	0
156	The administration of the opioid buprenorphine decreases motivational error signals. <i>Psychoneuroendocrinology</i> , 2021 , 128, 105199	5	1
155	Resilience during uncertainty? Greater social connectedness during COVID-19 lockdown is associated with reduced distress and fatigue. <i>British Journal of Health Psychology</i> , 2021 , 26, 553-569	8.3	90
154	Tailored haemodynamic response function increases detection power of fMRI in awake dogs (<i>Canis familiaris</i>). <i>NeuroImage</i> , 2021 , 224, 117414	7.9	3
153	Another's pain in my brain: No evidence that placebo analgesia affects the sensory-discriminative component in empathy for pain. <i>NeuroImage</i> , 2021 , 224, 117397	7.9	5
152	Pharmacological fMRI provides evidence for opioidergic modulation of discrimination of facial pain expressions. <i>Psychophysiology</i> , 2021 , 58, e13717	4.1	2

151	The effects of self-relevance vs. reward value on facial mimicry. <i>Acta Psychologica</i> , 2021 , 212, 103193	1.7	3
150	Placebo Analgesia Does Not Reduce Empathy for Naturalistic Depictions of Others Pain in a Somatosensory Specific Way. <i>Cerebral Cortex Communications</i> , 2021 , 2, tgab039	1.9	1
149	Neural Responses of Pet Dogs Witnessing Their Caregiver's Positive Interactions with a Conspecific: An fMRI Study. <i>Cerebral Cortex Communications</i> , 2021 , 2, tgab047	1.9	3
148	To which world regions does the valence-dominance model of social perception apply?. <i>Nature Human Behaviour</i> , 2021 , 5, 159-169	12.8	38
147	Detached empathic experience of others in remitted states of depression - An fMRI study. <i>NeuroImage: Clinical</i> , 2021 , 31, 102699	5.3	
146	Beyond Sharing Unpleasant Affect-Evidence for Pain-Specific Opioidergic Modulation of Empathy for Pain. <i>Cerebral Cortex</i> , 2021 , 31, 2773-2786	5.1	5
145	Chronic non-medical prescription opioid use and empathy for pain: Does pain make the difference?. <i>Psychophysiology</i> , 2021 , 58, e13776	4.1	2
144	Dogs follow human misleading suggestions more often when the informant has a false belief. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021 , 288, 20210906	4.4	3
143	A causal role of estradiol in human reinforcement learning. <i>Hormones and Behavior</i> , 2021 , 134, 105022	3.7	4
142	A multi-country test of brief reappraisal interventions on emotions during the COVID-19 pandemic. <i>Nature Human Behaviour</i> , 2021 , 5, 1089-1110	12.8	18
141	Effects of non-invasive brain stimulation on visual perspective taking: A meta-analytic study. <i>NeuroImage</i> , 2021 , 242, 118462	7.9	1
140	Variability in the analysis of a single neuroimaging dataset by many teams. <i>Nature</i> , 2020 , 582, 84-88	50.4	281
139	Guidelines for TMS/tES clinical services and research through the COVID-19 pandemic. <i>Brain Stimulation</i> , 2020 , 13, 1124-1149	5.1	45
138	Interpersonal distance adjustments after interactions with a generous and selfish trustee during a repeated trust game. <i>Journal of Experimental Social Psychology</i> , 2020 , 90, 104001	2.6	6
137	The effects of testosterone on the physiological response to social and somatic stressors. <i>Psychoneuroendocrinology</i> , 2020 , 117, 104693	5	8
136	Placebo-induced pain reduction is associated with negative coupling between brain networks at rest. <i>NeuroImage</i> , 2020 , 219, 117024	7.9	6
135	Left Prefrontal Cortex Supports the Recognition of Meaningful Patterns in Ambiguous Stimuli. <i>Frontiers in Neuroscience</i> , 2020 , 14, 152	5.1	3
134	ERP evidence suggests that confrontation with deterministic statements aligns subsequent other- and self-relevant error processing. <i>Psychophysiology</i> , 2020 , 57, e13556	4.1	4

133	Using reinforcement learning models in social neuroscience: frameworks, pitfalls and suggestions of best practices. <i>Social Cognitive and Affective Neuroscience</i> , 2020 , 15, 695-707	4	25
132	Weak and Variable Effects of Exogenous Testosterone on Cognitive Reflection Test Performance in Three Experiments: Commentary on Nave, Nadler, Zava, and Camerer (2017). <i>Psychological Science</i> , 2020 , 31, 890-897	7.9	3
131	Reward and empathy in the treating clinician: the neural correlates of successful doctor-patient interactions. <i>Translational Psychiatry</i> , 2020 , 10, 17	8.6	3
130	Challenges in the comparative study of empathy and related phenomena in animals. <i>Neuroscience and Biobehavioral Reviews</i> , 2020 , 112, 62-82	9	30
129	When differences matter: rTMS/fMRI reveals how differences in dispositional empathy translate to distinct neural underpinnings of self-other distinction in empathy. <i>Cortex</i> , 2020 , 128, 143-161	3.8	13
128	Acute stress alters neural patterns of value representation for others. <i>NeuroImage</i> , 2020 , 209, 116497	7.9	6
127	Exogenous testosterone increases status-seeking motivation in men with unstable low social status. <i>Psychoneuroendocrinology</i> , 2020 , 113, 104552	5	13
126	Being mimicked affects inhibitory mechanisms of imitation. <i>Acta Psychologica</i> , 2020 , 209, 103132	1.7	2
125	When Implicit Prosociality Trumps Selfishness: The Neural Valuation System Underpins More Optimal Choices When Learning to Avoid Harm to Others Than to Oneself. <i>Journal of Neuroscience</i> , 2020 , 40, 7286-7299	6.6	4
124	Exploring the dog-human relationship by combining fMRI, eye-tracking and behavioural measures. <i>Scientific Reports</i> , 2020 , 10, 22273	4.9	10
123	Increasing self-other bodily overlap increases sensorimotor resonance to othersSpain. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2020 , 20, 19-33	3.5	8
122	Training pet dogs for eye-tracking and awake fMRI. <i>Behavior Research Methods</i> , 2020 , 52, 838-856	6.1	6
121	Pattern similarity and connectivity of hippocampal-neocortical regions support empathy for pain. <i>Social Cognitive and Affective Neuroscience</i> , 2020 , 15, 273-284	4	8
120	Reply to Vonk: Disentangling emotional contagion from its underlying causes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 18169-18170	11.5	3
119	Social support modulates the neural correlates underlying social exclusion. <i>Social Cognitive and Affective Neuroscience</i> , 2019 , 14, 633-643	4	18
118	Antidepressant treatment, not depression, leads to reductions in behavioral and neural responses to pain empathy. <i>Translational Psychiatry</i> , 2019 , 9, 164	8.6	9
117	Hippocampal Subfields in Acute and Remitted Depression-an Ultra-High Field Magnetic Resonance Imaging Study. <i>International Journal of Neuropsychopharmacology</i> , 2019 , 22, 513-522	5.8	11
116	Negative emotional contagion and cognitive bias in common ravens (). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 11547-11552	11.5	29

115	Transcranial electrical and magnetic stimulation (tES and TMS) for addiction medicine: A consensus paper on the present state of the science and the road ahead. <i>Neuroscience and Biobehavioral Reviews</i> , 2019 , 104, 118-140	9	109
114	Fairness norm violations in anti-social psychopathic offenders in a repeated trust game. <i>Translational Psychiatry</i> , 2019 , 9, 266	8.6	2
113	The Role of Sensorimotor Processes in Pain Empathy. <i>Brain Topography</i> , 2019 , 32, 965-976	4.3	18
112	Social dimension and complexity differentially influence brain responses during feedback processing. <i>Social Neuroscience</i> , 2019 , 14, 26-40	2	12
111	Imaging empathy and prosocial emotions. <i>Neuroscience Letters</i> , 2019 , 693, 49-53	3.3	72
110	The Other and Me: Effects of oxytocin on self-other distinction. <i>International Journal of Psychophysiology</i> , 2019 , 136, 49-53	2.9	9
109	The pulvinar nucleus and antidepressant treatment: dynamic modeling of antidepressant response and remission with ultra-high field functional MRI. <i>Molecular Psychiatry</i> , 2019 , 24, 746-756	15.1	14
108	Psychometric properties of the Epworth Sleepiness Scale: A factor analysis and item-response theory approach. <i>Chronobiology International</i> , 2018 , 35, 533-545	3.6	11
107	Age-related differences in the neural correlates of empathy for pleasant and unpleasant touch in a female sample. <i>Neurobiology of Aging</i> , 2018 , 65, 7-17	5.6	19
106	Psychopharmacological modulation of event-related potentials suggests that first-hand pain and empathy for pain rely on similar opioidergic processes. <i>Neuropsychologia</i> , 2018 , 116, 5-14	3.2	20
105	Unsmoothed functional MRI of the human amygdala and bed nucleus of the stria terminalis during processing of emotional faces. <i>NeuroImage</i> , 2018 , 168, 383-391	7.9	17
104	Event-related potentials of automatic imitation are modulated by ethnicity during stimulus processing, but not during motor execution. <i>Scientific Reports</i> , 2018 , 8, 12760	4.9	5
103	The Neural Bases of Empathy in Humans 2018 , 25-36		4
102	Empathy decline at older age?. <i>Aging</i> , 2018 , 10, 1182-1183	5.6	0
101	Cultural influences on the processing of social comparison feedback signals-an ERP study. <i>Social Cognitive and Affective Neuroscience</i> , 2018 , 13, 1317-1326	4	7
100	Internal control beliefs and reference frame concurrently impact early performance monitoring ERPs. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2018 , 18, 778-795	3.5	4
99	Default mode network deactivation during emotion processing predicts early antidepressant response. <i>Translational Psychiatry</i> , 2017 , 7, e1008	8.6	40
98	Is decision making in hypoxia affected by pre-acclimatisation? A randomized controlled trial. <i>Physiology and Behavior</i> , 2017 , 173, 236-242	3.5	10

97	Understanding dog cognition by functional magnetic resonance imaging. <i>Learning and Behavior</i> , 2017 , 45, 101-102	1.3	10
96	The effect of sleep restriction on empathy for pain: An fMRI study in younger and older adults. <i>Scientific Reports</i> , 2017 , 7, 12236	4.9	21
95	Are we really measuring empathy? Proposal for a new measurement framework. <i>Neuroscience and Biobehavioral Reviews</i> , 2017 , 83, 132-139	9	63
94	Towards understanding rTMS mechanism of action: Stimulation of the DLPFC causes network-specific increase in functional connectivity. <i>NeuroImage</i> , 2017 , 162, 289-296	7.9	78
93	Increased neural responses to empathy for pain might explain how acute stress increases prosociality. <i>Social Cognitive and Affective Neuroscience</i> , 2017 , 12, 401-408	4	52
92	Temperament differentially influences early information processing in men and women: Preliminary electrophysiological evidence of attentional biases in healthy individuals. <i>Biological Psychology</i> , 2017 , 122, 69-79	3.2	16
91	Coercive and legitimate authority impact tax honesty: evidence from behavioral and ERP experiments. <i>Social Cognitive and Affective Neuroscience</i> , 2017 , 12, 1108-1117	4	13
90	The selfless mind: How prefrontal involvement in mentalizing with similar and dissimilar others shapes empathy and prosocial behavior. <i>Cognition</i> , 2016 , 157, 24-38	3.5	30
89	Reflections on empathy in medical education: What can we learn from social neurosciences?. <i>Advances in Health Sciences Education</i> , 2016 , 21, 235-49	3.7	32
88	From shared to distinct self-other representations in empathy: evidence from neurotypical function and socio-cognitive disorders. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016 , 371, 20150083	5.8	96
87	Attentional biases in healthy adults: Exploring the impact of temperament and gender. <i>Journal of Behavior Therapy and Experimental Psychiatry</i> , 2016 , 52, 29-37	2.6	9
86	The role of the right temporoparietal junction in the elicitation of vicarious experiences and detection accuracy while observing pain and touch. <i>Experimental Brain Research</i> , 2016 , 234, 1019-32	2.3	6
85	The Modulation of Mimicry by Ethnic Group-Membership and Emotional Expressions. <i>PLoS ONE</i> , 2016 , 11, e0161064	3.7	24
84	Subjective Memory Complaints and Conversion to Dementia in Patients with Subjective Cognitive Decline and Patients with Mild Cognitive Impairment. <i>Zeitschrift für Neuropsychologie = Journal of Neuropsychology</i> , 2016 , 27, 85-93	0.5	4
83	Emotional Egocentricity Bias Across the Life-Span. <i>Frontiers in Aging Neuroscience</i> , 2016 , 8, 74	5.3	23
82	Neurobiological differences in mental rotation and instrument interpretation in airline pilots. <i>Scientific Reports</i> , 2016 , 6, 28104	4.9	5
81	Performance monitoring during a minimal group manipulation. <i>Social Cognitive and Affective Neuroscience</i> , 2016 , 11, 1560-8	4	2
80	Reduction of empathy for pain by placebo analgesia suggests functional equivalence of empathy and first-hand emotion experience. <i>Journal of Neuroscience</i> , 2015 , 35, 8938-47	6.6	69

79	Better you lose than I do: neural networks involved in winning and losing in a real time strictly competitive game. <i>Scientific Reports</i> , 2015 , 5, 11017	4.9	18
78	Distinct neural networks underlying empathy for pleasant and unpleasant touch. <i>Cortex</i> , 2015 , 70, 79-89	3.8	58
77	Visuo-constructional functions in patients with mild cognitive impairment, Alzheimer's disease, and Parkinson's disease. <i>Neuropsychiatrie</i> , 2015 , 29, 112-9	3.5	5
76	Placebo analgesia and its opioidergic regulation suggest that empathy for pain is grounded in self pain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E5638-46	11.5	116
75	The left amygdala: A shared substrate of alexithymia and empathy. <i>NeuroImage</i> , 2015 , 122, 20-32	7.9	30
74	Distinct neural processes are engaged in the modulation of mimicry by social group-membership and emotional expressions. <i>Cortex</i> , 2015 , 70, 49-67	3.8	40
73	Event-related potentials in performance monitoring are influenced by the endogenous opioid system. <i>Neuropsychologia</i> , 2015 , 77, 242-52	3.2	6
72	Awareness of memory deficits in subjective cognitive decline, mild cognitive impairment, Alzheimer's disease and Parkinson's disease. <i>International Psychogeriatrics</i> , 2015 , 27, 357-66	3.4	58
71	Affective empathy differs in male violent offenders with high- and low-trait psychopathy. <i>Journal of Personality Disorders</i> , 2015 , 29, 42-61	2.6	32
70	Focused transcranial direct current stimulation (tDCS) over the dorsolateral prefrontal cortex modulates specific domains of self-regulation. <i>Neuroscience Research</i> , 2015 , 91, 41-7	2.9	30
69	Beta oscillations reveal ethnicity ingroup bias in sensorimotor resonance to pain of others. <i>Social Cognitive and Affective Neuroscience</i> , 2015 , 10, 893-901	4	40
68	Development of Tests to Evaluate the Sensory Abilities of Children with Autism Spectrum Disorder. <i>Procedia Computer Science</i> , 2015 , 67, 193-203	1.6	4
67	Neuroanatomical profiles of alexithymia dimensions and subtypes. <i>Human Brain Mapping</i> , 2015 , 36, 3805-18	5.18	38
66	Size does matter! Perceptual stimulus properties affect event-related potentials during feedback processing. <i>Psychophysiology</i> , 2015 , 52, 1238-47	4.1	22
65	Uncertainty during pain anticipation: the adaptive value of preparatory processes. <i>Human Brain Mapping</i> , 2015 , 36, 744-55	5.9	60
64	A functional polymorphism in the prodynorphin gene affects cognitive flexibility and brain activation during reversal learning. <i>Frontiers in Behavioral Neuroscience</i> , 2015 , 9, 172	3.5	11
63	Context-sensitivity of the feedback-related negativity for zero-value feedback outcomes. <i>Biological Psychology</i> , 2015 , 104, 184-92	3.2	43
62	The role of shared neural activations, mirror neurons, and morality in empathy--a critical comment. <i>Neuroscience Research</i> , 2015 , 90, 15-24	2.9	126

61	Depressive Symptoms are the Main Predictor for Subjective Sleep Quality in Patients with Mild Cognitive Impairment--A Controlled Study. <i>PLoS ONE</i> , 2015 , 10, e0128139	3.7	11
60	Item Response Model Investigation of the (German) Interpersonal Reactivity Index Empathy Questionnaire. <i>European Journal of Psychological Assessment</i> , 2015 , 31, 211-221	2.2	21
59	La neuroscienza sociale dell'empatia. <i>Psicobiettivo</i> , 2015 , 87-108	0.1	
58	Is stress affecting our ability to tune into others? Evidence for gender differences in the effects of stress on self-other distinction. <i>Psychoneuroendocrinology</i> , 2014 , 43, 95-104	5	146
57	Transcranial magnetic stimulation of the left dorsolateral prefrontal cortex decreases cue-induced nicotine craving and EEG delta power. <i>Brain Stimulation</i> , 2014 , 7, 226-33	5.1	71
56	Blocked versus randomized presentation modes differentially modulate feedback-related negativity and P3b amplitudes. <i>Clinical Neurophysiology</i> , 2014 , 125, 715-726	4.3	18
55	P300 amplitude variation is related to ventral striatum BOLD response during gain and loss anticipation: an EEG and fMRI experiment. <i>NeuroImage</i> , 2014 , 96, 12-21	7.9	91
54	A genetic polymorphism of the endogenous opioid dynorphin modulates monetary reward anticipation in the corticostriatal loop. <i>PLoS ONE</i> , 2014 , 9, e89954	3.7	12
53	Are Empathy and Morality Linked? 2014 , 155-171		16
52	Comparing neural response to painful electrical stimulation with functional MRI at 3 and 7 T. <i>NeuroImage</i> , 2013 , 82, 336-43	7.9	36
51	Empathic competencies in violent offenders. <i>Psychiatry Research</i> , 2013 , 210, 1168-75	9.9	49
50	The impact of social exclusion vs. inclusion on subjective and hormonal reactions in females and males. <i>Psychoneuroendocrinology</i> , 2013 , 38, 2925-32	5	59
49	Feelings of helplessness increase ERN amplitudes in healthy individuals. <i>Neuropsychologia</i> , 2013 , 51, 613-21	3.2	24
48	Functional neural plasticity and associated changes in positive affect after compassion training. <i>Cerebral Cortex</i> , 2013 , 23, 1552-61	5.1	351
47	Right supramarginal gyrus is crucial to overcome emotional egocentricity bias in social judgments. <i>Journal of Neuroscience</i> , 2013 , 33, 15466-76	6.6	275
46	RESCALE: Voxel-specific task-fMRI scaling using resting state fluctuation amplitude. <i>NeuroImage</i> , 2013 , 70, 80-8	7.9	27
45	Visual image retention does not contribute to modulation of event-related potentials by mental rotation. <i>Brain and Cognition</i> , 2013 , 83, 163-70	2.7	10
44	Effects of transcranial direct current stimulation on risky decision making are mediated by β -endorphin, personality, and hemisphere. <i>European Journal of Neuroscience</i> , 2013 , 38, 3778-85	3.5	69

43	Carl Rogers Meets the Neurosciences: Insights from Social Neuroscience for Client-Centered Therapy 2013 , 63-78		4
42	The role of emotions for moral judgments depends on the type of emotion and moral scenario. <i>Emotion</i> , 2012 , 12, 579-90	4.1	90
41	The human factor: behavioral and neural correlates of humanized perception in moral decision making. <i>PLoS ONE</i> , 2012 , 7, e47698	3.7	29
40	Do we care about the powerless third? An ERP study of the three-person ultimatum game. <i>Frontiers in Human Neuroscience</i> , 2012 , 6, 59	3.3	35
39	Meta-analytic evidence for common and distinct neural networks associated with directly experienced pain and empathy for pain. <i>NeuroImage</i> , 2011 , 54, 2492-502	7.9	1335
38	All about the Money - External Performance Monitoring is Affected by Monetary, but Not by Socially Conveyed Feedback Cues in More Antisocial Individuals. <i>Frontiers in Human Neuroscience</i> , 2011 , 5, 100	3.3	31
37	Pleasing frowns, disappointing smiles: an ERP investigation of counterempathy. <i>Emotion</i> , 2011 , 11, 1336-45	4.5	19
36	Skin conductance response to the pain of others predicts later costly helping. <i>PLoS ONE</i> , 2011 , 6, e22759	3.7	89
35	How do we empathize with someone who is not like us? A functional magnetic resonance imaging study. <i>Journal of Cognitive Neuroscience</i> , 2010 , 22, 362-76	3.1	158
34	"Feeling" the pain of those who are different from us: Modulation of EEG in the mu/alpha range. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2010 , 10, 493-504	3.5	95
33	The role of anterior insular cortex in social emotions. <i>Brain Structure and Function</i> , 2010 , 214, 579-91	4	378
32	The social neuroscience of empathy. <i>Annals of the New York Academy of Sciences</i> , 2009 , 1156, 81-96	6.5	867
31	Empathy and Intersubjectivity 2009 ,		1
30	Empathy versus Personal Distress: Recent Evidence from Social Neuroscience 2009 , 199-214		82
29	Perspective taking is associated with specific facial responses during empathy for pain. <i>Brain Research</i> , 2008 , 1227, 153-61	3.7	101
28	Is the extrastriate body area (EBA) sensitive to the perception of pain in others?. <i>Cerebral Cortex</i> , 2008 , 18, 2369-73	5.1	69
27	Time-resolved analysis of fMRI signal changes using Brain Activation Movies. <i>Journal of Neuroscience Methods</i> , 2008 , 169, 222-30	3	14
26	The neural substrate of human empathy: effects of perspective-taking and cognitive appraisal. <i>Journal of Cognitive Neuroscience</i> , 2007 , 19, 42-58	3.1	970

25	The role of the right temporoparietal junction in social interaction: how low-level computational processes contribute to meta-cognition. <i>Neuroscientist</i> , 2007 , 13, 580-93	7.6	745
24	What are you feeling? Using functional magnetic resonance imaging to assess the modulation of sensory and affective responses during empathy for pain. <i>PLoS ONE</i> , 2007 , 2, e1292	3.7	282
23	Predicting the actions of others taps into one's own somatosensory representations--a functional MRI study. <i>Neuropsychologia</i> , 2007 , 45, 2480-91	3.2	52
22	The functional role of dorso-lateral premotor cortex during mental rotation: an event-related fMRI study separating cognitive processing steps using a novel task paradigm. <i>NeuroImage</i> , 2007 , 36, 1374-86	7.9	59
21	Human empathy through the lens of social neuroscience. <i>Scientific World Journal, The</i> , 2006 , 6, 1146-63	2.2	518
20	Individual differences in brain activity during visuo-spatial processing assessed by slow cortical potentials and LORETA. <i>Cognitive Brain Research</i> , 2005 , 25, 900-12		27
19	Fuzzy cluster analysis of high-field functional MRI data. <i>Artificial Intelligence in Medicine</i> , 2003 , 29, 203-23	3.4	30
18	Functional neuroanatomy of learned helplessness. <i>NeuroImage</i> , 2003 , 20, 927-39	7.9	29
17	Human motor cortex activity during mental rotation. <i>NeuroImage</i> , 2003 , 20, 225-32	7.9	45
16	Consistency of inter-trial activation using single-trial fMRI: assessment of regional differences. <i>Cognitive Brain Research</i> , 2002 , 13, 129-38		12
15	Co-registration of EEG and MRI data using matching of spline interpolated and MRI-segmented reconstructions of the scalp surface. <i>Brain Topography</i> , 2001 , 14, 93-100	4.3	24
14	Evidence for premotor cortex activity during dynamic visuospatial imagery from single-trial functional magnetic resonance imaging and event-related slow cortical potentials. <i>NeuroImage</i> , 2001 , 14, 268-83	7.9	148
13	Restriction of task processing time affects cortical activity during processing of a cognitive task: an event-related slow cortical potential study. <i>Cognitive Brain Research</i> , 2001 , 10, 275-82		12
12	Single Trial Estimation of Evoked Potentials Using Gaussian Mixture Models with Integrated Noise Component. <i>Lecture Notes in Computer Science</i> , 2001 , 609-616	0.9	4
11	Excessive daytime sleepiness in patients suffering from different levels of obstructive sleep apnoea syndrome. <i>Journal of Sleep Research</i> , 2000 , 9, 293-301	5.8	79
10	Differences in the ability to process a visuo-spatial task are reflected in event-related slow cortical potentials of human subjects. <i>Neuroscience Letters</i> , 1999 , 269, 137-40	3.3	40
9	Radical explanations, but trivial descriptions. <i>Behavioral and Brain Sciences</i> , 1999 , 22, 842-843	0.9	
8	A causal role for estradiol in human reinforcement learning		2

7	A global test of brief reappraisal interventions on emotions during the COVID-19 pandemic	2
6	Guidelines for TMS/tES Clinical Services and Research through the COVID-19 Pandemic	2
5	Resilience During Uncertainty? Greater Social Connectedness During COVID-19 Lockdown is Associated with Reduced Distress and Fatigue	8
4	To Which World Regions Does the Valence-Dominance Model of Social Perception Apply?	3
3	National identity predicts public health support during a global pandemic: Results from 67 nations	12
2	Age-related changes in human emotional egocentricity: evidence from multi-level neuroimaging	1
1	Beyond sharing unpleasant affect: Evidence for pain-specific opioidergic modulation of empathy for pain	1