Richard J Davidson

List of Publications by Year
in descending order

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501	83,336	228	460
papers	citations	145 h-index	272 g-index

535	535	535	42383
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Alterations in Brain and Immune Function Produced by Mindfulness Meditation. Psychosomatic Medicine, 2003, 65, 564-570.	1.3	1,964
2	Attention regulation and monitoring in meditation. Trends in Cognitive Sciences, 2008, 12, 163-169.	4.0	1,895
3	The integration of negative affect, pain and cognitive control in the cingulate cortex. Nature Reviews Neuroscience, 2011, 12, 154-167.	4.9	1,804
4	Dysfunction in the Neural Circuitry of Emotion Regulation--A Possible Prelude to Violence. Science, 2000, 289, 591-594.	6.0	1,766
5	Placebo-Induced Changes in fMRI in the Anticipation and Experience of Pain. Science, 2004, 303, 1162-1167.	6.0	1,731
6	Approach-withdrawal and cerebral asymmetry: Emotional expression and brain physiology: I.. Journal of Personality and Social Psychology, 1990, 58, 330-341.	2.6	1,470
7	The functional neuroanatomy of emotion and affective style. Trends in Cognitive Sciences, 1999, 3, 11-21.	4.0	1,463
8	Gaze fixation and the neural circuitry of face processing in autism. Nature Neuroscience, 2005, 8, 519-526.	7.1	1,274
9	Affective Style and Affective Disorders: Perspectives from Affective Neuroscience. Cognition and Emotion, 1998, 12, 307-330.	1.2	1,239
10	Anterior cerebral asymmetry and the nature of emotion. Brain and Cognition, 1992, 20, 125-151.	0.8	1,229
11	Prefrontal Brain Asymmetry: A Biological Substrate of the Behavioral Approach and Inhibition Systems. Psychological Science, 1997, 8, 204-210.	1.8	1,168
12	Emotion, plasticity, context, and regulation: Perspectives from affective neuroscience.. Psychological Bulletin, 2000, 126, 890-909.	5.5	1,142
13	Low-anxious, high-anxious, and repressive coping styles: Psychometric patterns and behavioral and physiological responses to stress.. Journal of Abnormal Psychology, 1979, 88, 369-380.	2.0	1,065
14	The Duchenne smile: Emotional expression and brain physiology: II.. Journal of Personality and Social Psychology, 1990, 58, 342-353.	2.6	1,053
15	Depression: Perspectives from Affective Neuroscience. Annual Review of Psychology, 2002, 53, 545-574.	9.9	1,042
16	Lending a Hand. Psychological Science, 2006, 17, 1032-1039.	1.8	1,021
17	Anxiety and affective style: role of prefrontal cortex and amygdala. Biological Psychiatry, 2002, 51, 68-80.	0.7	992
18	Amygdala and Ventromedial Prefrontal Cortex Are Inversely Coupled during Regulation of Negative Affect and Predict the Diurnal Pattern of Cortisol Secretion among Older Adults. Journal of Neuroscience, 2006, 26, 4415-4425.	1.7	938

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19	Long-term meditators self-induce high-amplitude gamma synchrony during mental practice. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 16369-16373.	3.3	917
20	Failure to Regulate: Counterproductive Recruitment of Top-Down Prefrontal-Subcortical Circuitry in Major Depression. Journal of Neuroscience, 2007, 27, 8877-8884.	1.7	878
21	What does the prefrontal cortex â€œdoâ€•in affect: perspectives on frontal EEG asymmetry research. Biological Psychology, 2004, 67, 219-234.	1.1	791
22	Neuroanatomical correlates of pleasant and unpleasant emotion. Neuropsychologia, 1997, 35, 1437-1444.	0.7	778
23	Neural correlates of attentional expertise in long-term meditation practitioners. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 11483-11488.	3.3	754
24	Left frontal hypoactivation in depression.. Journal of Abnormal Psychology, 1991, 100, 535-545.	2.0	734
25	Mindfulness-based interventions for psychiatric disorders: A systematic review and meta-analysis. Clinical Psychology Review, 2018, 59, 52-60.	6.0	683
26	Neuroanatomical correlates of happiness, sadness, and disgust. American Journal of Psychiatry, 1997, 154, 926-933.	4.0	670
27	Affective style, psychopathology, and resilience: Brain mechanisms and plasticity.. American Psychologist, 2000, 55, 1196-1214.	3.8	656
28	Regulation of the Neural Circuitry of Emotion by Compassion Meditation: Effects of Meditative Expertise. PLoS ONE, 2008, 3, e1897.	1.1	636
29	Social influences on neuroplasticity: stress and interventions to promote well-being. Nature Neuroscience, 2012, 15, 689-695.	7.1	606
30	Anterior Cingulate Activity as a Predictor of Degree of Treatment Response in Major Depression: Evidence From Brain Electrical Tomography Analysis. American Journal of Psychiatry, 2001, 158, 405-415.	4.0	580
31	Asymmetrical brain activity discriminates between positive and negative affective stimuli in human infants. Science, 1982, 218, 1235-1237.	6.0	560
32	Mental Training Affects Distribution of Limited Brain Resources. PLoS Biology, 2007, 5, e138.	2.6	558
33	Individual differences in anterior brain asymmetry and fundamental dimensions of emotion.. Journal of Personality and Social Psychology, 1992, 62, 676-687.	2.6	532
34	Regional brain electrical asymmetries discriminate between previously depressed and healthy control subjects.. Journal of Abnormal Psychology, 1990, 99, 22-31.	2.0	528
35	Conceptual and methodological issues in research on mindfulness and meditation.. American Psychologist, 2015, 70, 581-592.	3.8	523
36	Anterior electrophysiological asymmetries, emotion, and depression: Conceptual and methodological conundrums. Psychophysiology, 1998, 35, 607-614.	1.2	518

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37	Frontal brain asymmetry and emotional reactivity: A biological substrate of affective style. Psychophysiology, 1993, 30, 82-89.	1.2	510
38	Behavioral Problems After Early Life Stress: Contributions of the Hippocampus and Amygdala. Biological Psychiatry, 2015, 77, 314-323.	0.7	504
39	Right hemisphere lateralization for emotion in the human brain: interactions with cognition. Science, 1975, 190, 286-288.	6.0	500
40	Reconstructing and deconstructing the self: cognitive mechanisms in meditation practice. Trends in Cognitive Sciences, 2015, 19, 515-523.	4.0	495
41	The Neural Substrates of Affective Processing in Depressed Patients Treated With Venlafaxine. American Journal of Psychiatry, 2003, 160, 64-75.	4.0	486
42	Psychological Well-Being and Ill-Being: Do They Have Distinct or Mirrored Biological Correlates?. Psychotherapy and Psychosomatics, 2006, 75, 85-95.	4.0	477
43	Making a Life Worth Living. Psychological Science, 2004, 15, 367-372.	1.8	459
44	Compassion Training Alters Altruism and Neural Responses to Suffering. Psychological Science, 2013, 24, 1171-1180.	1.8	442
45	Affective neuroscience and psychophysiology: Toward a synthesis. Psychophysiology, 2003, 40, 655-665.	1.2	419
46	Suppression and enhancement of emotional responses to unpleasant pictures. Psychophysiology, 2000, 37, 515-522.	1.2	408
47	Resting frontal brain asymmetry predicts affective responses to films.. Journal of Personality and Social Psychology, 1990, 59, 791-801.	2.6	402
48	Mindfulness for Teachers: A Pilot Study to Assess Effects on Stress, Burnout, and Teaching Efficacy. Mind, Brain, and Education, 2013, 7, 182-195.	0.9	387
49	Psychometric Properties of Resting Anterior EEG Asymmetry: Temporal Stability and Internal Consistency. Psychophysiology, 1992, 29, 576-592.	1.2	386
50	The Role of the Central Nucleus of the Amygdala in Mediating Fear and Anxiety in the Primate. Journal of Neuroscience, 2004, 24, 5506-5515.	1.7	383
51	Reduced capacity to sustain positive emotion in major depression reflects diminished maintenance of fronto-striatal brain activation. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 22445-22450.	3.3	383
52	Frontal brain asymmetry predicts infants' response to maternal separation.. Journal of Abnormal Psychology, 1989, 98, 127-131.	2.0	375
53	Mental Training Enhances Attentional Stability: Neural and Behavioral Evidence. Journal of Neuroscience, 2009, 29, 13418-13427.	1.7	374
54	While a phobic waits: regional brain electrical and autonomic activity in social phobics during anticipation of public speaking. Biological Psychiatry, 2000, 47, 85-95.	0.7	370

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55	Early Stress Is Associated with Alterations in the Orbitofrontal Cortex: A Tensor-Based Morphometry Investigation of Brain Structure and Behavioral Risk. Journal of Neuroscience, 2010, 30, 7466-7472.	1.7	367
56	Neural and behavioral substrates of mood and mood regulation. Biological Psychiatry, 2002, 52, 478-502.	0.7	355
57	Orbitofrontal cortex tracks positive mood in mothers viewing pictures of their newborn infants. NeuroImage, 2004, 21, 583-592.	2.1	349
58	Decreased responsiveness to reward in depression. Cognition and Emotion, 2000, 14, 711-724.	1.2	348
59	Functional neuroanatomy of aversion and its anticipation. NeuroImage, 2006, 29, 106-116.	2.1	345
60	Developmental pathways to amygdala-prefrontal function and internalizing symptoms in adolescence. Nature Neuroscience, 2012, 15, 1736-1741.	7.1	343
61	Promoting prosocial behavior and self-regulatory skills in preschool children through a mindfulness-based kindness curriculum.. Developmental Psychology, 2015, 51, 44-51.	1.2	341
62	Wellâ€“being and affective style: neural substrates and biobehavioural correlates. Philosophical Transactions of the Royal Society B: Biological Sciences, 2004, 359, 1395-1411.	1.8	340
63	Childhood maltreatment is associated with altered fear circuitry and increased internalizing symptoms by late adolescence. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 19119-19124.	3.3	339
64	Patterning of Cognitive and Somatic Processes in the Self-Regulation of Anxiety: Effects of Meditation versus Exercise. Psychosomatic Medicine, 1978, 40, 321-328.	1.3	335
65	Left frontal hypoactivation in depression. Journal of Abnormal Psychology, 1991, 100, 535-45.	2.0	335
66	Functional but not structural subgenual prefrontal cortex abnormalities in melancholia. Molecular Psychiatry, 2004, 9, 393-405.	4.1	330
67	Now You Feel It, Now You Don't. Psychological Science, 2003, 14, 612-617.	1.8	321
68	EEG Measures of Cerebral Asymmetry: Conceptual and Methodological Issues. International Journal of Neuroscience, 1988, 39, 71-89.	0.8	319
69	Anticipatory Activation in the Amygdala and Anterior Cingulate in Generalized Anxiety Disorder and Prediction of Treatment Response. American Journal of Psychiatry, 2009, 166, 302-310.	4.0	317
70	Cortical thickness analysis in autism with heat kernel smoothing. NeuroImage, 2005, 25, 1256-1265.	2.1	313
71	Patterns of brain electrical activity during facial signs of emotion in 10-month-old infants.. Developmental Psychology, 1988, 24, 230-236.	1.2	308
72	Motion correction and the use of motion covariates in multiple-subject fMRI analysis. Human Brain Mapping, 2006, 27, 779-788.	1.9	305

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73	Regional brain function, emotion and disorders of emotion. Current Opinion in Neurobiology, 1999, 9, 228-234.	2.0	299
74	Metabolic rate in the right amygdala predicts negative affect in depressed patients. NeuroReport, 1998, 9, 3301-3307.	0.6	296
75	Coupling of theta activity and glucose metabolism in the human rostral anterior cingulate cortex: An EEG/PET study of normal and depressed subjects. Psychophysiology, 2003, 40, 939-949.	1.2	295
76	Anxiety selectively disrupts visuospatial working memory.. Emotion, 2006, 6, 40-61.	1.5	294
77	Asymmetric frontal brain activity, cortisol, and behavior associated with fearful temperament in rhesus monkeys.. Behavioral Neuroscience, 1998, 112, 286-292.	0.6	285
78	Right Dorsolateral Prefrontal Cortical Activity and Behavioral Inhibition. Psychological Science, 2009, 20, 1500-1506.	1.8	283
79	Frontal Brain Asymmetry and Reward Responsiveness: A Source-Localization Study. Psychological Science, 2005, 16, 805-813.	1.8	281
80	Differential contributions of the two cerebral hemispheres to the perception of happy and sad faces. Neuropsychologia, 1981, 19, 609-613.	0.7	280
81	Cerebral asymmetry and emotion: Conceptual and methodological conundrums. Cognition and Emotion, 1993, 7, 115-138.	1.2	279
82	Modulation of Amygdalar Activity by the Conscious Regulation of Negative Emotion. Journal of Cognitive Neuroscience, 2002, 14, 913-921.	1.1	277
83	Empirical explorations of mindfulness: Conceptual and methodological conundrums.. Emotion, 2010, 10, 8-11.	1.5	262
84	Cortisol variation in humans affects memory for emotionally laden and neutral information.. Behavioral Neuroscience, 2003, 117, 505-516.	0.6	261
85	Amygdala Volume and Nonverbal Social Impairment in Adolescent and Adult Males With Autism. Archives of General Psychiatry, 2006, 63, 1417-28.	13.8	259
86	The validation of an active control intervention for Mindfulness Based Stress Reduction (MBSR). Behaviour Research and Therapy, 2012, 50, 3-12.	1.6	252
87	Affective neuroscience: the emergence of a discipline. Current Opinion in Neurobiology, 1995, 5, 217-224.	2.0	249
88	Affective Judgments of Faces Modulate Early Activity (â˜¼160 ms) within the Fusiform Gyri. NeuroImage, 2002, 16, 663-677.	2.1	248
89	Meditation and the neuroscience of consciousness: an introduction. , 2007, , .		248
90	Asymmetric brain function, affective style, and psychopathology: The role of early experience and plasticity. Development and Psychopathology, 1994, 6, 741-758.	1.4	246

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91	Cosmetic Use of Botulinum Toxin-A Affects Processing of Emotional Language. Psychological Science, 2010, 21, 895-900.	1.8	243
92	Asymmetrical Brain Electrical Activity Discriminates Between Psychometrically-Matched Verbal and Spatial Cognitive Tasks. Psychophysiology, 1990, 27, 528-543.	1.2	242
93	Integrating VBM into the General Linear Model with voxelwise anatomical covariates. NeuroImage, 2007, 34, 500-508.	2.1	238
94	Meditation and Cardiovascular Risk Reduction. Journal of the American Heart Association, 2017, 6, .	1.6	237
95	Human amygdala activation detected with echo-planar functional magnetic resonance imaging. NeuroReport, 1996, 7, 1765-1769.	0.6	236
96	Gaze fixations predict brain activation during the voluntary regulation of picture-induced negative affect. NeuroImage, 2007, 36, 1041-1055.	2.1	235
97	Right frontal brain activity, cortisol, and withdrawal behavior in 6-month-old infants.. Behavioral Neuroscience, 2003, 117, 11-20.	0.6	229
98	A comparison of mindfulness-based stress reduction and an active control in modulation of neurogenic inflammation. Brain, Behavior, and Immunity, 2013, 27, 174-184.	2.0	222
99	Taste-elicited changes in facial signs of emotion and the asymmetry of brain electrical activity in human newborns. Neuropsychologia, 1986, 24, 417-422.	0.7	216
100	Anterior brain electrical asymmetries in response to reward and punishment. Electroencephalography and Clinical Neurophysiology, 1992, 83, 236-247.	0.3	214
101	The Primate Amygdala Mediates Acute Fear But Not the Behavioral and Physiological Components of Anxious Temperament. Journal of Neuroscience, 2001, 21, 2067-2074.	1.7	213
102	Perceived Controllability Modulates the Neural Response to Pain. Journal of Neuroscience, 2004, 24, 7199-7203.	1.7	212
103	Early Neglect Is Associated With Alterations in White Matter Integrity and Cognitive Functioning. Child Development, 2013, 84, 1566-1578.	1.7	210
104	Rapid changes in histone deacetylases and inflammatory gene expression in expert meditators. Psychoneuroendocrinology, 2014, 40, 96-107.	1.3	209
105	Parsing affective space: Perspectives from neuropsychology and psychophysiology.. Neuropsychology, 1993, 7, 464-475.	1.0	206
106	Gaze-Fixation, Brain Activation, and Amygdala Volume in Unaffected Siblings of Individuals with Autism. Biological Psychiatry, 2007, 61, 512-520.	0.7	206
107	Buddhist and Psychological Perspectives on Emotions and Well-Being. Current Directions in Psychological Science, 2005, 14, 59-63.	2.8	202
108	Individual Differences in the Effects of Perceived Controllability on Pain Perception: Critical Role of the Prefrontal Cortex. Journal of Cognitive Neuroscience, 2007, 19, 993-1003.	1.1	200

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109	Mindfulness Meditation and Psychopathology. Annual Review of Clinical Psychology, 2019, 15, 285-316.	6.3	200
110	Glucose metabolic changes in the prefrontal cortex are associated with HPA axis response to a psychosocial stressor. Psychoneuroendocrinology, 2008, 33, 517-529.	1.3	199
111	Reproducibility of fMRI Results across Four Institutions Using a Spatial Working Memory Task. NeuroImage, 1998, 8, 249-261.	2.1	198
112	A mind you can count on: validating breath counting as a behavioral measure of mindfulness. Frontiers in Psychology, 2014, 5, 1202.	1.1	198
113	Functional coupling of simultaneous electrical and metabolic activity in the human brain. Human Brain Mapping, 2004, 21, 257-270.	1.9	197
114	Voluntary Smiling Changes Regional Brain Activity. Psychological Science, 1993, 4, 342-345.	1.8	195
115	Interoceptive awareness in experienced meditators. Psychophysiology, 2008, 45, 671-677.	1.2	194
116	Social relationships, sleep quality, and interleukin-6 in aging women. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 18757-18762.	3.3	192
117	From The Cover: Neural circuitry underlying the interaction between emotion and asthma symptom exacerbation. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 13319-13324.	3.3	192
118	Structural Variations in Prefrontal Cortex Mediate the Relationship between Early Childhood Stress and Spatial Working Memory. Journal of Neuroscience, 2012, 32, 7917-7925.	1.7	192
119	A Functional Magnetic Resonance Imaging Predictor of Treatment Response to Venlafaxine in Generalized Anxiety Disorder. Biological Psychiatry, 2008, 63, 858-863.	0.7	191
120	Amygdalar and hippocampal substrates of anxious temperament differ in their heritability. Nature, 2010, 466, 864-868.	13.7	190
121	Frontal brain activation in repressors and nonrepressors.. Journal of Abnormal Psychology, 1994, 103, 339-349.	2.0	189
122	Mental Training as a Tool in the Neuroscientific Study of Brain and Cognitive Plasticity. Frontiers in Human Neuroscience, 2011, 5, 17.	1.0	188
123	Validation of ICA-based myogenic artifact correction for scalp and source-localized EEG. NeuroImage, 2010, 49, 2416-2432.	2.1	184
124	Altered anterior insula activation during anticipation and experience of painful stimuli in expert meditators. NeuroImage, 2013, 64, 538-546.	2.1	184
125	Contemplative Practices and Mental Training: Prospects for American Education. Child Development Perspectives, 2012, 6, 146-153.	2.1	183
126	Altering expectancy dampens neural response to aversive taste in primary taste cortex. Nature Neuroscience, 2006, 9, 435-442.	7.1	182

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127	Brain electrical tomography in depression: the importance of symptom severity, anxiety, and melancholic features. Biological Psychiatry, 2002, 52, 73-85.	0.7	179
128	Amygdalaâ€“prefrontal coupling underlies individual differences in emotion regulation. NeuroImage, 2012, 62, 1575-1581.	2.1	178
129	Reward fails to alter response bias in depression.. Journal of Abnormal Psychology, 1994, 103, 460-466.	2.0	177
130	The Persistence of Thought. Psychological Science, 2012, 23, 375-380.	1.8	171
131	The Empirical Status of Mindfulness-Based Interventions: A Systematic Review of 44 Meta-Analyses of Randomized Controlled Trials. Perspectives on Psychological Science, 2022, 17, 108-130.	5.2	168
132	Bridging psychology and biology: the analysis of individuals in groups.. American Psychologist, 2002, 57, 341-351.	3.8	166
133	Resting anterior cingulate activity and abnormal responses to errors in subjects with elevated depressive symptoms: A 128-channel EEG study. Human Brain Mapping, 2006, 27, 185-201.	1.9	165
134	Context-Specific Freezing and Associated Physiological Reactivity as a Dysregulated Fear Response.. Developmental Psychology, 2004, 40, 583-594.	1.2	163
135	Comparison of fMRI motion correction software tools. NeuroImage, 2005, 28, 529-543.	2.1	163
136	Evolutionarily conserved prefrontal-amygdalar dysfunction in early-life anxiety. Molecular Psychiatry, 2014, 19, 915-922.	4.1	163
137	Buddha's Brain: Neuroplasticity and Meditation [In the Spotlight]. IEEE Signal Processing Magazine, 2008, 25, 176-174.	4.6	162
138	How and why do the two cerebral hemispheres interact?. Psychological Bulletin, 1994, 116, 195-219.	5.5	161
139	Weighted Fourier Series Representation and Its Application to Quantifying the Amount of Gray Matter. IEEE Transactions on Medical Imaging, 2007, 26, 566-581.	5.4	161
140	Individual Differences in Amygdala and Ventromedial Prefrontal Cortex Activity are Associated with Evaluation Speed and Psychological Well-being. Journal of Cognitive Neuroscience, 2007, 19, 237-248.	1.1	160
141	Individual differences in some (but not all) medial prefrontal regions reflect cognitive demand while regulating unpleasant emotion. NeuroImage, 2009, 47, 852-863.	2.1	160
142	Differential effects on pain intensity and unpleasantness of two meditation practices.. Emotion, 2010, 10, 65-71.	1.5	160
143	Impact of short- and long-term mindfulness meditation training on amygdala reactivity to emotional stimuli. NeuroImage, 2018, 181, 301-313.	2.1	160
144	Brain Regions Associated with the Expression and Contextual Regulation of Anxiety in Primates. Biological Psychiatry, 2005, 58, 796-804.	0.7	156

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145	Stressed Power Motivation, Sympathetic Activation, Immune Function, and Illness. Journal of Human Stress, 1980, 6, 11-19.	0.7	153
146	Salivary Cortisol as a Predictor of Socioemotional Adjustment during Kindergarten: A Prospective Study. Child Development, 2002, 73, 75-92.	1.7	153
147	Effects of Lateralized Presentations of Faces on Self-Reports of Emotion and EEG Asymmetry in Depressed and Non-Depressed Subjects. Psychophysiology, 1985, 22, 353-364.	1.2	150
148	EEG alpha power and alpha power asymmetry in sleep and wakefulness. Psychophysiology, 1999, 36, 430-436.	1.2	150
149	Empathy Is Associated With Dynamic Change in Prefrontal Brain Electrical Activity During Positive Emotion in Children. Child Development, 2009, 80, 1210-1231.	1.7	150
150	BOLD signal in insula is differentially related to cardiac function during compassion meditation in experts vs. novices. NeuroImage, 2009, 47, 1038-1046.	2.1	149
151	Purpose in Life Predicts Better Emotional Recovery from Negative Stimuli. PLoS ONE, 2013, 8, e80329.	1.1	149
152	Sex differences in patterns of EEG asymmetry. Biological Psychology, 1976, 4, 119-137.	1.1	148
153	Visual evoked potential measures of interhemispheric transfer time in humans.. Behavioral Neuroscience, 1989, 103, 1115-1138.	0.6	148
154	Stress Potentiates Early and Attenuates Late Stages of Visual Processing. Journal of Neuroscience, 2011, 31, 1156-1161.	1.7	148
155	Event-Related Functional Magnetic Resonance Imaging Measures of Neural Activity to Positive Social Stimuli in Pre- and Post-Treatment Depression. Biological Psychiatry, 2006, 60, 974-986.	0.7	147
156	Cerebellar Volume and Cognitive Functioning in Children Who Experienced Early Deprivation. Biological Psychiatry, 2009, 66, 1100-1106.	0.7	147
157	Stability of amygdala BOLD response to fearful faces over multiple scan sessions. NeuroImage, 2005, 25, 1112-1123.	2.1	146
158	Less white matter concentration in autism: 2D voxel-based morphometry. NeuroImage, 2004, 23, 242-251.	2.1	145
159	The voice of emotion: an FMRI study of neural responses to angry and happy vocal expressions. Social Cognitive and Affective Neuroscience, 2006, 1, 242-249.	1.5	144
160	General multivariate linear modeling of surface shapes using SurfStat. NeuroImage, 2010, 53, 491-505.	2.1	144
161	Temper Tantrums in Young Children: 1. Behavioral Composition. Journal of Developmental and Behavioral Pediatrics, 2003, 24, 140-147.	0.6	143
162	Prefrontal brain electrical asymmetry predicts the evaluation of affective stimuli. Neuropsychologia, 2000, 38, 1723-1733.	0.7	142

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163	Fear Is Fast in Phobic Individuals: Amygdala Activation in Response to Fear-Relevant Stimuli. Biological Psychiatry, 2006, 60, 410-417.	0.7	140
164	Relationships Between Changes in Sustained Fronto-Striatal Connectivity and Positive Affect in Major Depression Resulting From Antidepressant Treatment. American Journal of Psychiatry, 2013, 170, 197-206.	4.0	140
165	Breathingâ€Based Meditation Decreases Posttraumatic Stress Disorder Symptoms in U.S. Military Veterans: A Randomized Controlled Longitudinal Study. Journal of Traumatic Stress, 2014, 27, 397-405.	1.0	137
166	Electroencephalogram asymmetry in response to the approach of a stranger and maternal separation in 10-month-old infants.. Developmental Psychology, 1987, 23, 233-240.	1.2	133
167	Affective style and in vivo immune response: Neurobehavioral mechanisms. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 11148-11152.	3.3	132
168	Seven sins in the study of emotion: Correctives from affective neuroscience. Brain and Cognition, 2003, 52, 129-132.	0.8	130
169	Trait-Like Brain Activity during Adolescence Predicts Anxious Temperament in Primates. PLoS ONE, 2008, 3, e2570.	1.1	130
170	Cerebrospinal fluid corticotropin-releasing hormone levels are elevated in monkeys with patterns of brain activity associated with fearful temperament. Biological Psychiatry, 2000, 47, 579-585.	0.7	129
171	Continuity and Change in Inhibited and Uninhibited Children. Child Development, 2002, 73, 1474-1485.	1.7	129
172	Sustained Striatal Activity Predicts Eudaimonic Well-Being and Cortisol Output. Psychological Science, 2013, 24, 2191-2200.	1.8	128
173	Individual differences in freezing and cortisol in infant and mother rhesus monkeys.. Behavioral Neuroscience, 1998, 112, 251-254.	0.6	126
174	Asymmetries in face and brain related to emotion. Trends in Cognitive Sciences, 2004, 8, 389-391.	4.0	126
175	Manipulating affective state using extended picture presentations. Psychophysiology, 1997, 34, 217-226.	1.2	125
176	Hippocampal morphometry in depressed patients and control subjects: relations to anxiety symptoms. Biological Psychiatry, 2001, 50, 960-964.	0.7	125
177	Role of the Primate Orbitofrontal Cortex in Mediating Anxious Temperament. Biological Psychiatry, 2007, 62, 1134-1139.	0.7	124
178	Tensor-Based Cortical Surface Morphometry via Weighted Spherical Harmonic Representation. IEEE Transactions on Medical Imaging, 2008, 27, 1143-1151.	5.4	124
179	Frontal brain asymmetry and immune function.. Behavioral Neuroscience, 1991, 105, 860-869.	0.6	122
180	Neural mechanisms underlying heterogeneity in the presentation of anxious temperament. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 6145-6150.	3.3	121

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181	Theta Phase Synchrony and Conscious Target Perception: Impact of Intensive Mental Training. Journal of Cognitive Neuroscience, 2009, 21, 1536-1549.	1.1	120
182	Emotional activation of limbic circuitry in elderly normal subjects in a PET study. American Journal of Psychiatry, 1997, 154, 384-389.	4.0	119
183	Relations between PET-derived measures of thalamic glucose metabolism and EEG alpha power. Psychophysiology, 1998, 35, 162-169.	1.2	119
184	Toward a Biology of Personality and Emotion. Annals of the New York Academy of Sciences, 2001, 935, 191-207.	1.8	116
185	Individual Differences in Prefrontal Activation Asymmetry Predict Natural Killer Cell Activity at Rest and in Response to Challenge. Brain, Behavior, and Immunity, 1999, 13, 93-108.	2.0	113
186	Orbitofrontal Cortex Lesions Alter Anxiety-Related Activity in the Primate Bed Nucleus of Stria Terminalis. Journal of Neuroscience, 2010, 30, 7023-7027.	1.7	113
187	Temporal dynamics of emotional responding: amygdala recovery predicts emotional traits. Social Cognitive and Affective Neuroscience, 2014, 9, 176-181.	1.5	113
188	Individual differences in repressive-defensiveness predict basal salivary cortisol levels.. Journal of Personality and Social Psychology, 1996, 70, 362-371.	2.6	111
189	Electromyogenic Artifacts and Electroencephalographic Inferences. Brain Topography, 2009, 22, 7-12.	0.8	109
190	Conscientiousness predicts greater recovery from negative emotion.. Emotion, 2012, 12, 875-881.	1.5	109
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