

Richard J Davidson

List of Publications by Citations

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492
papers

68,247
citations

136
h-index

252
g-index

535
ext. papers

75,740
ext. citations

6
avg, IF

8.12
L-index

#	Paper	IF	Citations
492	Alterations in brain and immune function produced by mindfulness meditation. <i>Psychosomatic Medicine</i> , 2003 , 65, 564-70	3.7	1534
491	Dysfunction in the neural circuitry of emotion regulation--a possible prelude to violence. <i>Science</i> , 2000 , 289, 591-4	33.3	1505
490	The integration of negative affect, pain and cognitive control in the cingulate cortex. <i>Nature Reviews Neuroscience</i> , 2011 , 12, 154-67	13.5	1499
489	Placebo-induced changes in FMRI in the anticipation and experience of pain. <i>Science</i> , 2004 , 303, 1162-7	33.3	1453
488	Attention regulation and monitoring in meditation. <i>Trends in Cognitive Sciences</i> , 2008 , 12, 163-9	14	1432
487	Approach-withdrawal and cerebral asymmetry: Emotional expression and brain physiology: I.. <i>Journal of Personality and Social Psychology</i> , 1990 , 58, 330-341	6.5	1234
486	The functional neuroanatomy of emotion and affective style. <i>Trends in Cognitive Sciences</i> , 1999 , 3, 11-21	14	1230
485	Gaze fixation and the neural circuitry of face processing in autism. <i>Nature Neuroscience</i> , 2005 , 8, 519-26	25.5	1109
484	Anterior cerebral asymmetry and the nature of emotion. <i>Brain and Cognition</i> , 1992 , 20, 125-51	2.7	1034
483	Prefrontal Brain Asymmetry: A Biological Substrate of the Behavioral Approach and Inhibition Systems. <i>Psychological Science</i> , 1997 , 8, 204-210	7.9	1020
482	Affective Style and Affective Disorders: Perspectives from Affective Neuroscience. <i>Cognition and Emotion</i> , 1998 , 12, 307-330	2.3	997
481	Emotion, plasticity, context, and regulation: perspectives from affective neuroscience. <i>Psychological Bulletin</i> , 2000 , 126, 890-909	19.1	988
480	Depression: perspectives from affective neuroscience. <i>Annual Review of Psychology</i> , 2002 , 53, 545-74	26.1	923
479	Low-anxious, high-anxious, and repressive coping styles: Psychometric patterns and behavioral and physiological responses to stress.. <i>Journal of Abnormal Psychology</i> , 1979 , 88, 369-380	7	911
478	Anxiety and affective style: role of prefrontal cortex and amygdala. <i>Biological Psychiatry</i> , 2002 , 51, 68-80	7.9	874
477	The Duchenne smile: Emotional expression and brain physiology: II.. <i>Journal of Personality and Social Psychology</i> , 1990 , 58, 342-353	6.5	833
476	Amygdala and ventromedial prefrontal cortex are inversely coupled during regulation of negative affect and predict the diurnal pattern of cortisol secretion among older adults. <i>Journal of Neuroscience</i> , 2006 , 26, 4415-25	6.6	822

475	Lending a hand: social regulation of the neural response to threat. <i>Psychological Science</i> , 2006 , 17, 1032-9	9.9	812
474	Failure to regulate: counterproductive recruitment of top-down prefrontal-subcortical circuitry in major depression. <i>Journal of Neuroscience</i> , 2007 , 27, 8877-84	6.6	766
473	Long-term meditators self-induce high-amplitude gamma synchrony during mental practice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 16369-73	11.5	715
472	Neuroanatomical correlates of pleasant and unpleasant emotion. <i>Neuropsychologia</i> , 1997 , 35, 1437-44	3.2	693
471	Left frontal hypoactivation in depression.. <i>Journal of Abnormal Psychology</i> , 1991 , 100, 535-545	7	664
470	What does the prefrontal cortex "do" in affect: perspectives on frontal EEG asymmetry research. <i>Biological Psychology</i> , 2004 , 67, 219-33	3.2	649
469	Neural correlates of attentional expertise in long-term meditation practitioners. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 11483-8	11.5	614
468	Affective style, psychopathology, and resilience: Brain mechanisms and plasticity.. <i>American Psychologist</i> , 2000 , 55, 1196-1214	9.5	586
467	Neuroanatomical correlates of happiness, sadness, and disgust. <i>American Journal of Psychiatry</i> , 1997 , 154, 926-33	11.9	582
466	Anterior cingulate activity as a predictor of degree of treatment response in major depression: evidence from brain electrical tomography analysis. <i>American Journal of Psychiatry</i> , 2001 , 158, 405-15	11.9	529
465	Regulation of the neural circuitry of emotion by compassion meditation: effects of meditative expertise. <i>PLoS ONE</i> , 2008 , 3, e1897	3.7	508
464	Regional brain electrical asymmetries discriminate between previously depressed and healthy control subjects.. <i>Journal of Abnormal Psychology</i> , 1990 , 99, 22-31	7	499
463	Individual differences in anterior brain asymmetry and fundamental dimensions of emotion.. <i>Journal of Personality and Social Psychology</i> , 1992 , 62, 676-687	6.5	496
462	Social influences on neuroplasticity: stress and interventions to promote well-being. <i>Nature Neuroscience</i> , 2012 , 15, 689-95	25.5	484
461	Asymmetrical brain activity discriminates between positive and negative affective stimuli in human infants. <i>Science</i> , 1982 , 218, 1235-7	33.3	481
460	Mental training affects distribution of limited brain resources. <i>PLoS Biology</i> , 2007 , 5, e138	9.7	467
459	Mindfulness-based interventions for psychiatric disorders: A systematic review and meta-analysis. <i>Clinical Psychology Review</i> , 2018 , 59, 52-60	10.8	460
458	Right hemisphere lateralization for emotion in the human brain: interactions with cognition. <i>Science</i> , 1975 , 190, 286-8	33.3	446

457	Anterior electrophysiological asymmetries, emotion, and depression: conceptual and methodological conundrums. <i>Psychophysiology</i> , 1998 , 35, 607-14	4.1	434
456	The neural substrates of affective processing in depressed patients treated with venlafaxine. <i>American Journal of Psychiatry</i> , 2003 , 160, 64-75	11.9	431
455	Frontal brain asymmetry and emotional reactivity: a biological substrate of affective style. <i>Psychophysiology</i> , 1993 , 30, 82-9	4.1	406
454	Psychological well-being and ill-being: do they have distinct or mirrored biological correlates?. <i>Psychotherapy and Psychosomatics</i> , 2006 , 75, 85-95	9.4	388
453	Behavioral problems after early life stress: contributions of the hippocampus and amygdala. <i>Biological Psychiatry</i> , 2015 , 77, 314-23	7.9	384
452	Resting frontal brain asymmetry predicts affective responses to films.. <i>Journal of Personality and Social Psychology</i> , 1990 , 59, 791-801	6.5	373
451	Conceptual and methodological issues in research on mindfulness and meditation. <i>American Psychologist</i> , 2015 , 70, 581-92	9.5	369
450	Suppression and enhancement of emotional responses to unpleasant pictures. <i>Psychophysiology</i> , 2000 , 37, 515-522	4.1	360
449	Frontal brain asymmetry predicts infants' response to maternal separation.. <i>Journal of Abnormal Psychology</i> , 1989 , 98, 127-131	7	358
448	Making a life worth living: neural correlates of well-being. <i>Psychological Science</i> , 2004 , 15, 367-72	7.9	355
447	Affective neuroscience and psychophysiology: toward a synthesis. <i>Psychophysiology</i> , 2003 , 40, 655-65	4.1	352
446	Psychometric properties of resting anterior EEG asymmetry: temporal stability and internal consistency. <i>Psychophysiology</i> , 1992 , 29, 576-92	4.1	347
445	Reconstructing and deconstructing the self: cognitive mechanisms in meditation practice. <i>Trends in Cognitive Sciences</i> , 2015 , 19, 515-23	14	339
444	Compassion training alters altruism and neural responses to suffering. <i>Psychological Science</i> , 2013 , 24, 1171-80	7.9	336
443	The role of the central nucleus of the amygdala in mediating fear and anxiety in the primate. <i>Journal of Neuroscience</i> , 2004 , 24, 5506-15	6.6	324
442	Reduced capacity to sustain positive emotion in major depression reflects diminished maintenance of fronto-striatal brain activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 22445-50	11.5	322
441	Neural and behavioral substrates of mood and mood regulation. <i>Biological Psychiatry</i> , 2002 , 52, 478-502	7.9	319
440	Functional neuroanatomy of aversion and its anticipation. <i>NeuroImage</i> , 2006 , 29, 106-16	7.9	310

439	Orbitofrontal cortex tracks positive mood in mothers viewing pictures of their newborn infants. <i>NeuroImage</i> , 2004 , 21, 583-92	7.9	310
438	While a phobic waits: regional brain electrical and autonomic activity in social phobics during anticipation of public speaking. <i>Biological Psychiatry</i> , 2000 , 47, 85-95	7.9	310
437	Mental training enhances attentional stability: neural and behavioral evidence. <i>Journal of Neuroscience</i> , 2009 , 29, 13418-27	6.6	304
436	Early stress is associated with alterations in the orbitofrontal cortex: a tensor-based morphometry investigation of brain structure and behavioral risk. <i>Journal of Neuroscience</i> , 2010 , 30, 7466-72	6.6	302
435	Developmental pathways to amygdala-prefrontal function and internalizing symptoms in adolescence. <i>Nature Neuroscience</i> , 2012 , 15, 1736-41	25.5	299
434	Functional but not structural subgenual prefrontal cortex abnormalities in melancholia. <i>Molecular Psychiatry</i> , 2004 , 9, 393-405	15.1	298
433	Decreased responsiveness to reward in depression. <i>Cognition and Emotion</i> , 2000 , 14, 711-724	2.3	283
432	Now you feel it, now you don't: frontal brain electrical asymmetry and individual differences in emotion regulation. <i>Psychological Science</i> , 2003 , 14, 612-7	7.9	275
431	Regional brain function, emotion and disorders of emotion. <i>Current Opinion in Neurobiology</i> , 1999 , 9, 228-34	7.6	273
430	Anticipatory activation in the amygdala and anterior cingulate in generalized anxiety disorder and prediction of treatment response. <i>American Journal of Psychiatry</i> , 2009 , 166, 302-10	11.9	270
429	Cortical thickness analysis in autism with heat kernel smoothing. <i>NeuroImage</i> , 2005 , 25, 1256-65	7.9	270
428	Mindfulness for teachers: A pilot study to assess effects on stress, burnout and teaching efficacy. <i>Mind, Brain, and Education</i> , 2013 , 7, 182	1.8	267
427	Motion correction and the use of motion covariates in multiple-subject fMRI analysis. <i>Human Brain Mapping</i> , 2006 , 27, 779-88	5.9	267
426	Asymmetric frontal brain activity, cortisol, and behavior associated with fearful temperament in rhesus monkeys.. <i>Behavioral Neuroscience</i> , 1998 , 112, 286-292	2.1	265
425	Childhood maltreatment is associated with altered fear circuitry and increased internalizing symptoms by late adolescence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 19119-24	11.5	263
424	Metabolic rate in the right amygdala predicts negative affect in depressed patients. <i>NeuroReport</i> , 1998 , 9, 3301-7	1.7	263
423	EEG measures of cerebral asymmetry: conceptual and methodological issues. <i>International Journal of Neuroscience</i> , 1988 , 39, 71-89	2	262
422	Patterns of brain electrical activity during facial signs of emotion in 10-month-old infants.. <i>Developmental Psychology</i> , 1988 , 24, 230-236	3.7	262

4 ²¹	Coupling of theta activity and glucose metabolism in the human rostral anterior cingulate cortex: an EEG/PET study of normal and depressed subjects. <i>Psychophysiology</i> , 2003 , 40, 939-49	4.1	256
4 ²⁰	Well-being and affective style: neural substrates and biobehavioural correlates. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2004 , 359, 1395-411	5.8	252
4 ¹⁹	Modulation of amygdalar activity by the conscious regulation of negative emotion. <i>Journal of Cognitive Neuroscience</i> , 2002 , 14, 913-21	3.1	252
4 ¹⁸	Right dorsolateral prefrontal cortical activity and behavioral inhibition. <i>Psychological Science</i> , 2009 , 20, 1500-6	7.9	247
4 ¹⁷	Patterning of cognitive and somatic processes in the self-regulation of anxiety: effects of meditation versus exercise. <i>Psychosomatic Medicine</i> , 1978 , 40, 321-8	3.7	245
4 ¹⁶	Anxiety selectively disrupts visuospatial working memory. <i>Emotion</i> , 2006 , 6, 40-61	4.1	244
4 ¹⁵	Cortisol variation in humans affects memory for emotionally laden and neutral information. <i>Behavioral Neuroscience</i> , 2003 , 117, 505-16	2.1	241
4 ¹⁴	Promoting prosocial behavior and self-regulatory skills in preschool children through a mindfulness-based Kindness Curriculum. <i>Developmental Psychology</i> , 2015 , 51, 44-51	3.7	240
4 ¹³	Differential contributions of the two cerebral hemispheres to the perception of happy and sad faces. <i>Neuropsychologia</i> , 1981 , 19, 609-13	3.2	236
4 ¹²	Affective judgments of faces modulate early activity (approximately 160 ms) within the fusiform gyri. <i>NeuroImage</i> , 2002 , 16, 663-77	7.9	235
4 ¹¹	Cerebral asymmetry and emotion: Conceptual and methodological conundrums. <i>Cognition and Emotion</i> , 1993 , 7, 115-138	2.3	228
4 ¹⁰	Frontal brain asymmetry and reward responsiveness: a source-localization study. <i>Psychological Science</i> , 2005 , 16, 805-13	7.9	227
4 ⁰⁹	Integrating VBM into the General Linear Model with voxelwise anatomical covariates. <i>NeuroImage</i> , 2007 , 34, 500-8	7.9	217
4 ⁰⁸	Right frontal brain activity, cortisol, and withdrawal behavior in 6-month-old infants.. <i>Behavioral Neuroscience</i> , 2003 , 117, 11-20	2.1	216
4 ⁰⁷	Affective neuroscience: the emergence of a discipline. <i>Current Opinion in Neurobiology</i> , 1995 , 5, 217-24	7.6	215
4 ⁰⁶	Empirical explorations of mindfulness: conceptual and methodological conundrums. <i>Emotion</i> , 2010 , 10, 8-11	4.1	214
4 ⁰⁵	Human amygdala activation detected with echo-planar functional magnetic resonance imaging. <i>NeuroReport</i> , 1996 , 7, 1765-9	1.7	213
4 ⁰⁴	Amygdala volume and nonverbal social impairment in adolescent and adult males with autism. <i>Archives of General Psychiatry</i> , 2006 , 63, 1417-28		209

403	Asymmetrical brain electrical activity discriminates between psychometrically-matched verbal and spatial cognitive tasks. <i>Psychophysiology</i> , 1990 , 27, 528-43	4.1	205
402	Asymmetric brain function, affective style, and psychopathology: The role of early experience and plasticity. <i>Development and Psychopathology</i> , 1994 , 6, 741-758	4.3	203
401	The validation of an active control intervention for Mindfulness Based Stress Reduction (MBSR). <i>Behaviour Research and Therapy</i> , 2012 , 50, 3-12	5.2	200
400	Gaze fixations predict brain activation during the voluntary regulation of picture-induced negative affect. <i>NeuroImage</i> , 2007 , 36, 1041-55	7.9	196
399	Anterior brain electrical asymmetries in response to reward and punishment. <i>Electroencephalography and Clinical Neurophysiology</i> , 1992 , 83, 236-47		195
398	The primate amygdala mediates acute fear but not the behavioral and physiological components of anxious temperament. <i>Journal of Neuroscience</i> , 2001 , 21, 2067-74	6.6	187
397	Reproducibility of fMRI results across four institutions using a spatial working memory task. <i>NeuroImage</i> , 1998 , 8, 249-61	7.9	184
396	Frontal brain activation in repressors and nonrepressors.. <i>Journal of Abnormal Psychology</i> , 1994 , 103, 339-349	7	183
395	Cosmetic use of botulinum toxin-a affects processing of emotional language. <i>Psychological Science</i> , 2010 , 21, 895-900	7.9	182
394	Gaze-fixation, brain activation, and amygdala volume in unaffected siblings of individuals with autism. <i>Biological Psychiatry</i> , 2007 , 61, 512-20	7.9	181
393	Individual differences in the effects of perceived controllability on pain perception: critical role of the prefrontal cortex. <i>Journal of Cognitive Neuroscience</i> , 2007 , 19, 993-1003	3.1	180
392	Glucose metabolic changes in the prefrontal cortex are associated with HPA axis response to a psychosocial stressor. <i>Psychoneuroendocrinology</i> , 2008 , 33, 517-29	5	179
391	Perceived controllability modulates the neural response to pain. <i>Journal of Neuroscience</i> , 2004 , 24, 7199-203	6.3	177
390	A comparison of mindfulness-based stress reduction and an active control in modulation of neurogenic inflammation. <i>Brain, Behavior, and Immunity</i> , 2013 , 27, 174-84	16.6	176
389	Taste-elicited changes in facial signs of emotion and the asymmetry of brain electrical activity in human newborns. <i>Neuropsychologia</i> , 1986 , 24, 417-22	3.2	174
388	A functional magnetic resonance imaging predictor of treatment response to venlafaxine in generalized anxiety disorder. <i>Biological Psychiatry</i> , 2008 , 63, 858-63	7.9	173
387	Functional coupling of simultaneous electrical and metabolic activity in the human brain. <i>Human Brain Mapping</i> , 2004 , 21, 257-70	5.9	173
386	Meditation and Cardiovascular Risk Reduction: A Scientific Statement From the American Heart Association. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	166

385	Rapid changes in histone deacetylases and inflammatory gene expression in expert meditators. <i>Psychoneuroendocrinology</i> , 2014 , 40, 96-107	5	166
384	Early neglect is associated with alterations in white matter integrity and cognitive functioning. <i>Child Development</i> , 2013 , 84, 1566-78	4.9	165
383	Neural circuitry underlying the interaction between emotion and asthma symptom exacerbation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 13319-24	11.5	165
382	Left frontal hypoactivation in depression. <i>Journal of Abnormal Psychology</i> , 1991 , 100, 535-45	7	165
381	Interoceptive awareness in experienced meditators. <i>Psychophysiology</i> , 2008 , 45, 671-7	4.1	164
380	Reward fails to alter response bias in depression.. <i>Journal of Abnormal Psychology</i> , 1994 , 103, 460-466	7	161
379	Structural variations in prefrontal cortex mediate the relationship between early childhood stress and spatial working memory. <i>Journal of Neuroscience</i> , 2012 , 32, 7917-25	6.6	157
378	Validation of ICA-based myogenic artifact correction for scalp and source-localized EEG. <i>NeuroImage</i> , 2010 , 49, 2416-32	7.9	157
377	Altering expectancy dampens neural response to aversive taste in primary taste cortex. <i>Nature Neuroscience</i> , 2006 , 9, 435-42	25.5	157
376	Amygdalar and hippocampal substrates of anxious temperament differ in their heritability. <i>Nature</i> , 2010 , 466, 864-8	50.4	156
375	Social relationships, sleep quality, and interleukin-6 in aging women. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 18757-62	11.5	155
374	Voluntary Smiling Changes Regional Brain Activity. <i>Psychological Science</i> , 1993 , 4, 342-345	7.9	155
373	Buddhist and Psychological Perspectives on Emotions and Well-Being. <i>Current Directions in Psychological Science</i> , 2005 , 14, 59-63	6.5	151
372	Brain electrical tomography in depression: the importance of symptom severity, anxiety, and melancholic features. <i>Biological Psychiatry</i> , 2002 , 52, 73-85	7.9	149
371	Altered anterior insula activation during anticipation and experience of painful stimuli in expert meditators. <i>NeuroImage</i> , 2013 , 64, 538-46	7.9	147
370	Amygdala-prefrontal coupling underlies individual differences in emotion regulation. <i>NeuroImage</i> , 2012 , 62, 1575-81	7.9	146
369	Meditation and the neuroscience of consciousness: an introduction	499-552	146
368	Mental training as a tool in the neuroscientific study of brain and cognitive plasticity. <i>Frontiers in Human Neuroscience</i> , 2011 , 5, 17	3.3	144

367	How and why do the two cerebral hemispheres interact?. <i>Psychological Bulletin</i> , 1994 , 116, 195-219	19.1	144
366	Individual differences in some (but not all) medial prefrontal regions reflect cognitive demand while regulating unpleasant emotion. <i>NeuroImage</i> , 2009 , 47, 852-63	7.9	143
365	Bridging psychology and biology: the analysis of individuals in groups.. <i>American Psychologist</i> , 2002 , 57, 341-351	9.5	143
364	Salivary cortisol as a predictor of socioemotional adjustment during kindergarten: a prospective study. <i>Child Development</i> , 2002 , 73, 75-92	4.9	141
363	Evolutionarily conserved prefrontal-amygdalar dysfunction in early-life anxiety. <i>Molecular Psychiatry</i> , 2014 , 19, 915-22	15.1	140
362	Contemplative Practices and Mental Training: Prospects for American Education. <i>Child Development Perspectives</i> , 2012 , 6, 146-153	5.5	139
361	Context-specific freezing and associated physiological reactivity as a dysregulated fear response. <i>Developmental Psychology</i> , 2004 , 40, 583-94	3.7	139
360	Resting anterior cingulate activity and abnormal responses to errors in subjects with elevated depressive symptoms: a 128-channel EEG study. <i>Human Brain Mapping</i> , 2006 , 27, 185-201	5.9	138
359	Individual differences in amygdala and ventromedial prefrontal cortex activity are associated with evaluation speed and psychological well-being. <i>Journal of Cognitive Neuroscience</i> , 2007 , 19, 237-48	3.1	138
358	The persistence of thought: evidence for a role of working memory in the maintenance of task-unrelated thinking. <i>Psychological Science</i> , 2012 , 23, 375-80	7.9	137
357	Parsing affective space: Perspectives from neuropsychology and psychophysiology.. <i>Neuropsychology</i> , 1993 , 7, 464-475	3.8	134
356	A mind you can count on: validating breath counting as a behavioral measure of mindfulness. <i>Frontiers in Psychology</i> , 2014 , 5, 1202	3.4	133
355	Brain regions associated with the expression and contextual regulation of anxiety in primates. <i>Biological Psychiatry</i> , 2005 , 58, 796-804	7.9	133
354	EEG alpha power and alpha power asymmetry in sleep and wakefulness. <i>Psychophysiology</i> , 1999 , 36, 430-436	4.36	133
353	Sex differences in patterns of EEG asymmetry. <i>Biological Psychology</i> , 1976 , 4, 119-38	3.2	133
352	Effects of lateralized presentations of faces on self-reports of emotion and EEG asymmetry in depressed and non-depressed subjects. <i>Psychophysiology</i> , 1985 , 22, 353-64	4.1	132
351	Cerebellar volume and cognitive functioning in children who experienced early deprivation. <i>Biological Psychiatry</i> , 2009 , 66, 1100-6	7.9	131
350	Stability of amygdala BOLD response to fearful faces over multiple scan sessions. <i>NeuroImage</i> , 2005 , 25, 1112-23	7.9	131

349	Stressed power motivation, sympathetic activation, immune function, and illness. <i>Journal of Human Stress</i> , 1980 , 6, 11-9		130
348	Differential effects on pain intensity and unpleasantness of two meditation practices. <i>Emotion</i> , 2010 , 10, 65-71	4.1	128
347	Event-related functional magnetic resonance imaging measures of neural activity to positive social stimuli in pre- and post-treatment depression. <i>Biological Psychiatry</i> , 2006 , 60, 974-86	7.9	128
346	Visual evoked potential measures of interhemispheric transfer time in humans.. <i>Behavioral Neuroscience</i> , 1989 , 103, 1115-1138	2.1	128
345	Less white matter concentration in autism: 2D voxel-based morphometry. <i>NeuroImage</i> , 2004 , 23, 242-51	7.9	127
344	Stress potentiates early and attenuates late stages of visual processing. <i>Journal of Neuroscience</i> , 2011 , 31, 1156-61	6.6	126
343	Weighted fourier series representation and its application to quantifying the amount of gray matter. <i>IEEE Transactions on Medical Imaging</i> , 2007 , 26, 566-81	11.7	125
342	Comparison of fMRI motion correction software tools. <i>NeuroImage</i> , 2005 , 28, 529-43	7.9	125
341	Temper tantrums in young children: 1. Behavioral composition. <i>Journal of Developmental and Behavioral Pediatrics</i> , 2003 , 24, 140-7	2.4	125
340	Empathy is associated with dynamic change in prefrontal brain electrical activity during positive emotion in children. <i>Child Development</i> , 2009 , 80, 1210-31	4.9	123
339	General multivariate linear modeling of surface shapes using SurfStat. <i>NeuroImage</i> , 2010 , 53, 491-505	7.9	122
338	BOLD signal in insula is differentially related to cardiac function during compassion meditation in experts vs. novices. <i>NeuroImage</i> , 2009 , 47, 1038-46	7.9	121
337	Fear is fast in phobic individuals: amygdala activation in response to fear-relevant stimuli. <i>Biological Psychiatry</i> , 2006 , 60, 410-7	7.9	121
336	Prefrontal brain electrical asymmetry predicts the evaluation of affective stimuli. <i>Neuropsychologia</i> , 2000 , 38, 1723-33	3.2	119
335	Cerebrospinal fluid corticotropin-releasing hormone levels are elevated in monkeys with patterns of brain activity associated with fearful temperament. <i>Biological Psychiatry</i> , 2000 , 47, 579-85	7.9	117
334	Relationships between changes in sustained fronto-striatal connectivity and positive affect in major depression resulting from antidepressant treatment. <i>American Journal of Psychiatry</i> , 2013 , 170, 197-206	11.9	116
333	Buddha@ Brain: Neuroplasticity and Meditation. <i>IEEE Signal Processing Magazine</i> , 2008 , 25, 176-174	9.4	115
332	Continuity and change in inhibited and uninhibited children. <i>Child Development</i> , 2002 , 73, 1474-85	4.9	115

331	Hippocampal morphometry in depressed patients and control subjects: relations to anxiety symptoms. <i>Biological Psychiatry</i> , 2001 , 50, 960-4	7.9	115
330	Frontal brain asymmetry and immune function.. <i>Behavioral Neuroscience</i> , 1991 , 105, 860-869	2.1	114
329	The voice of emotion: an FMRI study of neural responses to angry and happy vocal expressions. <i>Social Cognitive and Affective Neuroscience</i> , 2006 , 1, 242-9	4	112
328	Individual differences in freezing and cortisol in infant and mother rhesus monkeys.. <i>Behavioral Neuroscience</i> , 1998 , 112, 251-254	2.1	111
327	Emotional activation of limbic circuitry in elderly normal subjects in a PET study. <i>American Journal of Psychiatry</i> , 1997 , 154, 384-9	11.9	110
326	Individual differences in repressive-defensiveness predict basal salivary cortisol levels.. <i>Journal of Personality and Social Psychology</i> , 1996 , 70, 362-371	6.5	110
325	Manipulating affective state using extended picture presentations. <i>Psychophysiology</i> , 1997 , 34, 217-26	4.1	109
324	Trait-like brain activity during adolescence predicts anxious temperament in primates. <i>PLoS ONE</i> , 2008 , 3, e2570	3.7	107
323	Orbitofrontal cortex lesions alter anxiety-related activity in the primate bed nucleus of stria terminalis. <i>Journal of Neuroscience</i> , 2010 , 30, 7023-7	6.6	106
322	Role of the primate orbitofrontal cortex in mediating anxious temperament. <i>Biological Psychiatry</i> , 2007 , 62, 1134-9	7.9	106
321	Mindfulness Meditation and Psychopathology. <i>Annual Review of Clinical Psychology</i> , 2019 , 15, 285-316	20.5	106
320	Relations between PET-derived measures of thalamic glucose metabolism and EEG alpha power. <i>Psychophysiology</i> , 1998 , 35, 162-169	4.1	104
319	Affective style and in vivo immune response: neurobehavioral mechanisms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 11148-52	11.5	103
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