Richard D Lane

List of Publications by Citations

122 papers	14,687 citations	44 h-index	121 g-index
127 ext. papers	16,415 ext. citations	3.9 avg, IF	6.76 L-index

#	Paper	IF	Citations
122	Neurobiology of emotion perception I: The neural basis of normal emotion perception. *Biological Psychiatry*, **2003**, 54, 504-14	7.9	1712
121	A model of neurovisceral integration in emotion regulation and dysregulation. *Journal of Affective Disorders*, **2000**, 61, 201-16	6.6	1675
120	Neurobiology of emotion perception II: Implications for major psychiatric disorders. *Biological Psychiatry*, **2003**, 54, 515-28	7.9	1373
119	Claude Bernard and the heart-brain connection: further elaboration of a model of neurovisceral integration. *Neuroscience and Biobehavioral Reviews*, **2009**, 33, 81-8	9	1127
118	The role of vagal function in the risk for cardiovascular disease and mortality. *Biological Psychology*, **2007**, 74, 224-42	3.2	668
117	Neural correlates of levels of emotional awareness. Evidence of an interaction between emotion and attention in the anterior cingulate cortex. *Journal of Cognitive Neuroscience*, **1998**, 10, 525-35	3.1	597
116	Neural activation during selective attention to subjective emotional responses. *NeuroReport*, **1997**, 8, 3969-72	1.7	490
115	The Levels of Emotional Awareness Scale: a cognitive-developmental measure of emotion. *Journal of Personality Assessment*, **1990**, 55, 124-34	2.8	487
114	Neural correlates of heart rate variability during emotion. *NeuroImage*, **2009**, 44, 213-22	7.9	485
113	Common effects of emotional valence, arousal and attention on neural activation during visual processing of pictures. *Neuropsychologia*, **1999**, 37, 989-97	3.2	408
112	Impaired verbal and nonverbal emotion recognition in alexithymia. *Psychosomatic Medicine*, **1996**, 58, 203-10	3.7	327
111	Is alexithymia the emotional equivalent of blindsight?. *Biological Psychiatry*, **1997**, 42, 834-44	7.9	312
110	Interoception and Mental Health: A Roadmap. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, **2018**, 3, 501-513	3.4	283
109	Impaired self-awareness and theory of mind: an fMRI study of mentalizing in alexithymia. *NeuroImage*, **2006**, 32, 1472-82	7.9	277
108	Memory reconsolidation, emotional arousal, and the process of change in psychotherapy: New insights from brain science. *Behavioral and Brain Sciences*, **2015**, 38, e1	0.9	250
107	The hierarchical basis of neurovisceral integration. *Neuroscience and Biobehavioral Reviews*, **2017**, 75, 274-296	9	225
106	Sex Differences in Emotional Awareness. *Personality and Social Psychology Bulletin*, **2000**, 26, 1027-1035	4.1	213

105	Pervasive emotion recognition deficit common to alexithymia and the repressive coping style. *Psychosomatic Medicine*, **2000**, 62, 492-501	3.7	212
104	Sociodemographic correlates of alexithymia. *Comprehensive Psychiatry*, **1998**, 39, 377-85	7.3	183
103	Neural substrates of implicit and explicit emotional processes: a unifying framework for psychosomatic medicine. *Psychosomatic Medicine*, **2008**, 70, 214-31	3.7	163
102	The Levels of Emotional Awareness Scale: A Cognitive-Developmental Measure of Emotion. *Journal of Personality Assessment*, **1990**, 55, 124-134	2.8	163
101	Heart rate and heart rate variability changes in the intracarotid sodium amobarbital test. *Epilepsia*, **2001**, 42, 912-21	6.4	140
100	Association between trait emotional awareness and dorsal anterior cingulate activity during emotion is arousal-dependent. *NeuroImage*, **2008**, 41, 648-55	7.9	137
99	Clinical neurocardiology defining the value of neuroscience-based cardiovascular therapeutics. *Journal of Physiology*, **2016**, 594, 3911-54	3.9	131
98	Affective agnosia: Expansion of the alexithymia construct and a new opportunity to integrate and extend Freud's legacy. *Neuroscience and Biobehavioral Reviews*, **2015**, 55, 594-611	9	127
97	Emotional awareness deficits in inpatients of a psychosomatic ward: a comparison of two different measures of alexithymia. *Psychosomatic Medicine*, **2005**, 67, 483-9	3.7	126
96	Theory of mind and emotional awareness deficits in patients with somatoform disorders. *Psychosomatic Medicine*, **2010**, 72, 404-11	3.7	104
95	The neural basis of one's own conscious and unconscious emotional states. *Neuroscience and Biobehavioral Reviews*, **2015**, 57, 1-29	9	101
94	Becoming Aware of Feelings: Integration of Cognitive-Developmental, Neuroscientific, and Psychoanalytic Perspectives. *Neuropsychoanalysis*, **2005**, 7, 5-30	0.8	84
93	The rebirth of neuroscience in psychosomatic medicine, Part I: historical context, methods, and relevant basic science. *Psychosomatic Medicine*, **2009**, 71, 117-34	3.7	81
92	Neural correlates of levels of emotional awareness during trauma script-imagery in posttraumatic stress disorder. *Psychosomatic Medicine*, **2008**, 70, 27-31	3.7	77
91	Functional, structural, and emotional correlates of impaired insight in cocaine addiction. *JAMA Psychiatry*, **2014**, 71, 61-70	14.5	70
90	Antidepressant effects of sertraline associated with volume increases in dorsolateral prefrontal cortex. *Journal of Affective Disorders*, **2013**, 146, 414-9	6.6	67
89	Reconciling cognitive and affective neuroscience perspectives on the brain basis of emotional experience. *Neuroscience and Biobehavioral Reviews*, **2017**, 76, 187-215	9	66
88	Somatization is associated with deficits in affective Theory of Mind. *Journal of Psychosomatic Research*, **2013**, 74, 479-85	4.1	58

87	The rebirth of neuroscience in psychosomatic medicine, Part II: clinical applications and implications for research. *Psychosomatic Medicine*, **2009**, 71, 135-51	3.7	58
86	Baseline vagal tone predicts BOLD response during elicitation of grief. *Neuropsychopharmacology*, **2007**, 32, 2184-9	8.7	57
85	Unconscious emotion: A cognitive neuroscientific perspective. *Neuroscience and Biobehavioral Reviews*, **2016**, 69, 216-38	9	55
84	Subgenual anterior cingulate cortex activity covariation with cardiac vagal control is altered in depression. *Journal of Affective Disorders*, **2013**, 150, 565-70	6.6	55
83	Role of theory of mind in emotional awareness and alexithymia: Implications for conceptualization and measurement. *Consciousness and Cognition*, **2015**, 33, 398-405	2.6	46
82	Differences in emotion processing in patients with essential and secondary hypertension. *American Journal of Hypertension*, **2010**, 23, 515-21	2.3	45
81	The structure of emotional experience and its relation to trait emotional awareness: A theoretical review. *Emotion*, **2018**, 18, 670-692	4.1	45
80	The construction of emotional experience requires the integration of implicit and explicit emotional processes. *Behavioral and Brain Sciences*, **2012**, 35, 159-60	0.9	44
79	Individual differences in trait mindfulness predict dorsomedial prefrontal and amygdala response during emotional imagery: An fMRI study. *Personality and Individual Differences*, **2010**, 49, 479-484	3.3	44
78	Neurocomputational mechanisms underlying emotional awareness: Insights afforded by deep active inference and their potential clinical relevance. *Neuroscience and Biobehavioral Reviews*, **2019** , 107, 473-491	9	39
77	Psychological stress preceding idiopathic ventricular fibrillation. *Psychosomatic Medicine*, **2005**, 67, 359-65	3.7	38
76	How is emotional awareness related to emotion regulation strategies and self-reported negative affect in the general population?. *PLoS ONE*, **2014**, 9, e91846	3.7	36
75	Alexithymic features and the labeling of brief emotional facial expressions - An fMRI study. *Neuropsychologia*, **2014**, 64, 289-99	3.2	35
74	The role of medial prefrontal cortex in the working memory maintenance of one's own emotional responses. *Scientific Reports*, **2018**, 8, 3460	4.9	34
73	Altered functional connectivity between medial prefrontal cortex and the inferior brainstem in major depression during appraisal of subjective emotional responses: A preliminary study. *Biological Psychology*, **2015**, 108, 13-24	3.2	33
72	Is it possible to bridge the Biopsychosocial and Biomedical models?. *BioPsychoSocial Medicine*, **2014**, 8, 3	2.8	33
71	Freud's antiquities. *Psychodynamic Practice*, **2010**, 16, 77-78	0.2	33
70	Diseases, Disorders, and Comorbidities of Interoception. *Trends in Neurosciences*, **2021**, 44, 39-51	13.3	33

69	Maintaining the feelings of others in working memory is associated with activation of the left anterior insula and left frontal-parietal control network. *Social Cognitive and Affective Neuroscience*, **2017**, 12, 848-860	4	32
68	Levels of emotional awareness: Implications for psychotherapeutic integration.. *Journal of Psychotherapy Integration*, **1992**, 2, 1-18	6.9	32
67	Resting state functional connectivity correlates of emotional awareness. *NeuroImage*, **2017**, 159, 99-106	7.9	31
66	Levels of Emotional Awareness: a model for conceptualizing and measuring emotion-centered structural change. *International Journal of Psychoanalysis*, **2011**, 92, 289-310	0.7	31
65	Prolonged Non-metabolic Heart Rate Variability Reduction as a Physiological Marker of Psychological Stress in Daily Life. *Annals of Behavioral Medicine*, **2016**, 50, 704-714	4.5	31
64	Fun Is More Fun When Others Are Involved. *Journal of Positive Psychology*, **2017**, 12, 547-557	3.2	30
63	Biased Competition Favoring Physical Over Emotional Pain: A Possible Explanation for the Link Between Early Adversity and Chronic Pain. *Psychosomatic Medicine*, **2018**, 80, 880-890	3.7	29
62	Computer scoring of the Levels of Emotional Awareness Scale. *Behavior Research Methods*, **2010**, 42, 586-95	6.1	28
61	Emotional numbing in posttraumatic stress disorder: a functional magnetic resonance imaging study. *Journal of Clinical Psychiatry*, **2012**, 73, 431-6	4.6	28
60	Role of medial prefrontal cortex in representing one's own subjective emotional responses: a preliminary study. *Consciousness and Cognition*, **2014**, 29, 117-30	2.6	27
59	Neural correlates of deficits in pain-related affective meaning construction in patients with chronic pain disorder. *Psychosomatic Medicine*, **2013**, 75, 124-36	3.7	26
58	Sex differences in emotion recognition ability: The mediating role of trait emotional awareness. *Motivation and Emotion*, **2018**, 42, 149-160	2.5	24
57	Automatic emotion processing as a function of trait emotional awareness: an fMRI study. *Social Cognitive and Affective Neuroscience*, **2015**, 10, 680-9	4	22
56	Nested positive feedback loops in the maintenance of major depression: An integration and extension of previous models. *Brain, Behavior, and Immunity*, **2018**, 67, 374-397	16.6	21
55	Increased association over time between regional frontal lobe BOLD change magnitude and cardiac vagal control with sertraline treatment for major depression. *Psychiatry Research - Neuroimaging*, **2014**, 224, 225-33	2.9	21
54	The reliability and validity of the Japanese version of the Levels of Emotional Awareness Scale (LEAS-J). *BioPsychoSocial Medicine*, **2011**, 5, 2	2.8	21
53	An Embodied Neurocomputational Framework for Organically Integrating Biopsychosocial Processes: An Application to the Role of Social Support in Health and Disease. *Psychosomatic Medicine*, **2019**, 81, 125-145	3.7	21
52	A neuro-cognitive process model of emotional intelligence. *Biological Psychology*, **2018**, 139, 131-151	3.2	21

51	Changes in ventricular repolarization duration during typical daily emotion in patients with Long QT syndrome. *Psychosomatic Medicine*, **2011**, 73, 98-105	3.7	20
50	Greater cortical thickness within the limbic visceromotor network predicts higher levels of trait emotional awareness. *Consciousness and Cognition*, **2018**, 57, 54-61	2.6	20
49	Common and Unique Neural Systems Underlying the Working Memory Maintenance of Emotional vs. Bodily Reactions to Affective Stimuli: The Moderating Role of Trait Emotional Awareness. *Frontiers in Human Neuroscience*, **2018**, 12, 370	3.3	18
48	Differentiation in the momentary rating of somatic symptoms covaries with trait emotional awareness in patients at risk for sudden cardiac death. *Psychosomatic Medicine*, **2011**, 73, 185-92	3.7	17
47	Happiness and stress alter susceptibility to cardiac events in Long QT Syndrome. *Annals of Noninvasive Electrocardiology*, **2009**, 14, 193-200	1.5	17
46	Developmental Contributions to Emotional Awareness. *Journal of Personality Assessment*, **2019**, 101, 150-158	2.8	16
45	Higher levels of trait emotional awareness are associated with more efficient global information integration throughout the brain: a graph-theoretic analysis of resting state functional connectivity. *Social Cognitive and Affective Neuroscience*, **2018**, 13, 665-675	4	16
44	The neural basis of attaining conscious awareness of sad mood. *Brain Imaging and Behavior*, **2015**, 9, 574-87	4.1	15
43	The importance of identifying underlying process abnormalities in alexithymia: Implications of the three-process model and a single case study illustration. *Consciousness and Cognition*, **2019**, 68, 33-46	2.6	15
42	Depression and smoking: mediating role of vagal tone and inflammation. *Annals of Behavioral Medicine*, **2011**, 42, 334-40	4.5	14
41	The effects of verbal labelling on psychophysiology: Objective but not subjective emotion labelling reduces skin-conductance responses to briefly presented pictures. *Cognition and Emotion*, **2010**, 24, 829-839	2.2	14
40	The importance of inhibition in dynamical systems models of emotion and neurobiology. *Behavioral and Brain Sciences*, **2005**, 28, 218-219	0.9	12
39	Disentangling introspective and exteroceptive attentional control from emotional appraisal in depression using fMRI: A preliminary study. *Psychiatry Research - Neuroimaging*, **2016**, 248, 39-47	2.9	11
38	From Reconstruction to Construction: The Power of Corrective Emotional Experiences in Memory Reconsolidation and Enduring Change. *Journal of the American Psychoanalytic Association*, **2018**, 66, 507-516	0.7	11
37	Ecological momentary assessment of emotional awareness: Preliminary evaluation of psychometric properties. *Current Psychology*, **2021**, 40, 1402-1410	1.4	11
36	Partial Amelioration of Medial Visceromotor Network Dysfunction in Major Depression by Sertraline. *Psychosomatic Medicine*, **2015**, 77, 752-61	3.7	9
35	The evolution and development of the uniquely human capacity for emotional awareness: A synthesis of comparative anatomical, cognitive, neurocomputational, and evolutionary psychological perspectives. *Biological Psychology*, **2020**, 154, 107925	3.2	8
34	Wearable sensor based stress management using integrated respiratory and ECG waveforms **2015**,		7

33	Functional Neuroanatomy of Psychiatric Disorders. *Academic Psychiatry*, **2001**, 25, 148-155	1.1	7
32	Unwanted reminders: The effects of emotional memory suppression on subsequent neuro-cognitive processing. *Consciousness and Cognition*, **2016**, 44, 103-113	2.6	7
31	Treating anxiety disorders by emotion-focused psychodynamic psychotherapy (EFPP)-An integrative, transdiagnostic approach. *Clinical Psychology and Psychotherapy*, **2019**, 26, 1-13	2.9	7
30	Higher Emotional Awareness Is Associated With Reduced Pain in Irritable Bowel Syndrome Patients: Preliminary Results. *Psychological Reports*, **2020**, 123, 2227-2247	1.6	7
29	Abnormal Repolarization Duration During Everyday Emotional Arousal in Long QT Syndrome and Coronary Artery Disease. *American Journal of Medicine*, **2018**, 131, 565-572.e2	2.4	6
28	Affective Change in Psychodynamic Psychotherapy: Theoretical Models and Clinical Approaches to Changing Emotions. *Zeitschrift Fur Psychosomatische Medizin Und Psychotherapie*, **2016**, 62, 207-23	1.3	6
27	A personalized paced-breathing intervention to increase heart rate variability among individuals with first-episode psychosis following stress exposure. *Schizophrenia Research*, **2015**, 169, 496-497	3.6	6
26	Affective agnosia: a core affective processing deficit in the alexithymia spectrum. *BioPsychoSocial Medicine*, **2020**, 14,	2.8	6
25	A Cognitive-Developmental Model of Emotional Awareness and Its Application to the Practice of Psychotherapy. *Psychodynamic Psychiatry*, **2016**, 44, 305-25	0.7	6
24	The role of enhanced emotional awareness in promoting change across psychotherapy modalities.. *Journal of Psychotherapy Integration*,	6.9	5
23	Neurocomputational mechanisms underlying emotional awareness: insights afforded by deep active inference and their potential clinical relevance		5
22	The impact of attachment distress on affect-centered mentalization: An experimental study in psychosomatic patients and healthy adults. *PLoS ONE*, **2018**, 13, e0195430	3.7	5
21	Lower Emotion Awareness in Skin-Restricted Lupus Patients: A Case-Controlled Study. *Psychotherapy and Psychosomatics*, **2018**, 87, 313-315	9.4	4
20	The role of anterior and midcingulate cortex in emotional awareness: A domain-general processing perspective. *Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn*, **2019**, 166, 89-101	3	4
19	A Computational Neuroscience Perspective on the Change Process in Psychotherapy **2020**, 395-432		4
18	Levels of Emotional Awareness: Theory and Measurement of a Socio-Emotional Skill. *Journal of Intelligence*, **2021**, 9,	2.4	4
17	Measuring emotional awareness from a cognitive-developmental perspective: Portuguese adaptation studies of the levels of emotional awareness scale. *Acta Medica Portuguesa*, **2013**, 26, 145-53	1.4	4
16	Regional Frontal Lobe Response Magnitudes During Affective Shifting Covary With Resting Heart Rate Variability in Healthy Volunteers. *Journal of Psychophysiology*, **2016**, 30, 165-174	1	3

15	The Unique Human Capacity for Emotional Awareness: Psychological, Neuroanatomical, Comparative and Evolutionary Perspectives. *The Science of the Mind*, **2012**, 165-205	0.7	2
14	Does suppressing negative emotion impair subsequent emotions? Two experience sampling studies. *Motivation and Emotion*, **2020**, 44, 427-435	2.5	2
13	The integrated memory model: A new framework for understanding the mechanisms of change in psychotherapy. *Behavioral and Brain Sciences*, **2015**, 38,	0.9	1
12	Sexual dysfunction and coronary artery disease: what applies to the gander may apply to the goose. *American Journal of Medicine*, **2008**, 121, 256-7	2.4	1
11	Thinking through others' emotions: Incorporating the role of emotional state inference in thinking through other minds. *Behavioral and Brain Sciences*, **2020**, 43, e114	0.9	1
10	The construction of emotional experience: State-related emotional awareness and its application to psychotherapy research and practice. *Counselling and Psychotherapy Research*, **2020**, 20, 479-487	1.3	1
9	Alexithymia 3.0: reimagining alexithymia from a medical perspective. *BioPsychoSocial Medicine*, **2020**, 14,	2.8	1
8	Higher emotional awareness is associated with greater domain-general reflective tendencies.. *Scientific Reports*, **2022**, 12, 3123	4.9	0
7	The promise of affective science to advance psychoanalytic object relations theory. *Neuropsychoanalysis*,1-4	0.8	0
6	Promoting the Integration of Psychodynamic and Emotion-Focused Psychotherapies Through Advances in Affective Science and Neuroscience. *Clinical Social Work Journal*, **2020**, 48, 279-286	1.7	
5	Neuroimaging of Depression and Other Emotional States **2010**, 803-819		
4	Douglas F. Watt Book Review of Lane & Nadel, Cognitive Neuroscience of Emotion. *Neuropsychoanalysis*, **2005**, 7, 103-105	0.8	
3	HIERARCHICAL ORGANIZATION OF EMOTIONAL EXPERIENCE AND ITS NEURAL SUBSTRATES **2001**, 247-270		
2	Inducing Unconscious Stress. *Journal of Psychophysiology*, **2020**, 34, 192-201	1	
1	Is the concept of affective agnosia a useful addition to the alexithymia literature?. *Neuroscience and Biobehavioral Reviews*, **2021**, 127, 747-748	9	