

Richard D Lane

List of Publications by Year in descending order

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Version: 2024-02-01

125
papers

18,169
citations

47006

47
h-index

20961

115
g-index

127
all docs

127
docs citations

127
times ranked

14874
citing authors

#	ARTICLE	IF	CITATIONS
1	A model of neurovisceral integration in emotion regulation and dysregulation. <i>Journal of Affective Disorders</i> , 2000, 61, 201-216.	4.1	2,126
2	Neurobiology of emotion perception I: the neural basis of normal emotion perception. <i>Biological Psychiatry</i> , 2003, 54, 504-514.	1.3	1,920
3	Neurobiology of emotion perception II: implications for major psychiatric disorders. <i>Biological Psychiatry</i> , 2003, 54, 515-528.	1.3	1,534
4	Claude Bernard and the heart-brain connection: Further elaboration of a model of neurovisceral integration. <i>Neuroscience and Biobehavioral Reviews</i> , 2009, 33, 81-88.	6.1	1,445
5	The role of vagal function in the risk for cardiovascular disease and mortality. <i>Biological Psychology</i> , 2007, 74, 224-242.	2.2	832
6	Neural Correlates of Levels of Emotional Awareness: Evidence of an Interaction between Emotion and Attention in the Anterior Cingulate Cortex. <i>Journal of Cognitive Neuroscience</i> , 1998, 10, 525-535.	2.3	670
7	The Levels of Emotional Awareness Scale: A Cognitive-Developmental Measure of Emotion. <i>Journal of Personality Assessment</i> , 1990, 55, 124-134.	2.1	600
8	Neural correlates of heart rate variability during emotion. <i>NeuroImage</i> , 2009, 44, 213-222.	4.2	588
9	Neural activation during selective attention to subjective emotional responses. <i>NeuroReport</i> , 1997, 8, 3969-3972.	1.2	532
10	Interoception and Mental Health: A Roadmap. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018, 3, 501-513.	1.5	524
11	Common effects of emotional valence, arousal and attention on neural activation during visual processing of pictures. <i>Neuropsychologia</i> , 1999, 37, 989-997.	1.6	446
12	Impaired Verbal and Nonverbal Emotion Recognition in Alexithymia. <i>Psychosomatic Medicine</i> , 1996, 58, 203-210.	2.0	408
13	Is Alexithymia the Emotional Equivalent of Blindsight?. <i>Biological Psychiatry</i> , 1997, 42, 834-844.	1.3	375
14	The hierarchical basis of neurovisceral integration. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 75, 274-296.	6.1	353
15	Memory reconsolidation, emotional arousal, and the process of change in psychotherapy: New insights from brain science. <i>Behavioral and Brain Sciences</i> , 2015, 38, e1.	0.7	348
16	Impaired self-awareness and theory of mind: An fMRI study of mentalizing in alexithymia. <i>NeuroImage</i> , 2006, 32, 1472-1482.	4.2	319
17	Sex Differences in Emotional Awareness. <i>Personality and Social Psychology Bulletin</i> , 2000, 26, 1027-1035.	3.0	268
18	Pervasive Emotion Recognition Deficit Common to Alexithymia and the Repressive Coping Style. <i>Psychosomatic Medicine</i> , 2000, 62, 492-501.	2.0	261

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19	Clinical neurocardiology defining the value of neuroscience-based cardiovascular therapeutics. <i>Journal of Physiology</i> , 2016, 594, 3911-3954.	2.9	222
20	Sociodemographic correlates of alexithymia. <i>Comprehensive Psychiatry</i> , 1998, 39, 377-385.	3.1	220
21	The Levels of Emotional Awareness Scale: A Cognitive-Developmental Measure of Emotion. <i>Journal of Personality Assessment</i> , 1990, 55, 124-134.	2.1	211
22	Neural Substrates of Implicit and Explicit Emotional Processes: A Unifying Framework for Psychosomatic Medicine. <i>Psychosomatic Medicine</i> , 2008, 70, 214-231.	2.0	190
23	Heart Rate and Heart Rate Variability Changes in the Intracarotid Sodium Amobarbital Test. <i>Epilepsia</i> , 2001, 42, 912-921.	5.1	161
24	Affective agnosia: Expansion of the alexithymia construct and a new opportunity to integrate and extend Freud's legacy. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 55, 594-611.	6.1	152
25	Association between trait emotional awareness and dorsal anterior cingulate activity during emotion is arousal-dependent. <i>NeuroImage</i> , 2008, 41, 648-655.	4.2	151
26	Emotional Awareness Deficits in Inpatients of a Psychosomatic Ward: A Comparison of Two Different Measures of Alexithymia. <i>Psychosomatic Medicine</i> , 2005, 67, 483-489.	2.0	146
27	The neural basis of one's own conscious and unconscious emotional states. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 57, 1-29.	6.1	137
28	Theory of Mind and Emotional Awareness Deficits in Patients With Somatoform Disorders. <i>Psychosomatic Medicine</i> , 2010, 72, 404-411.	2.0	130
29	Diseases, Disorders, and Comorbidities of Interoception. <i>Trends in Neurosciences</i> , 2021, 44, 39-51.	8.6	112
30	Reconciling cognitive and affective neuroscience perspectives on the brain basis of emotional experience. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 76, 187-215.	6.1	98
31	The Rebirth of Neuroscience in Psychosomatic Medicine, Part I: Historical Context, Methods, and Relevant Basic Science. <i>Psychosomatic Medicine</i> , 2009, 71, 117-134.	2.0	95
32	Neural Correlates of Levels of Emotional Awareness During Trauma Script-Imagery in Posttraumatic Stress Disorder. <i>Psychosomatic Medicine</i> , 2008, 70, 27-31.	2.0	93
33	Becoming Aware of Feelings: Integration of Cognitive-Developmental, Neuroscientific, and Psychoanalytic Perspectives. <i>Neuropsychoanalysis</i> , 2005, 7, 5-30.	0.7	92
34	Functional, Structural, and Emotional Correlates of Impaired Insight in Cocaine Addiction. <i>JAMA Psychiatry</i> , 2014, 71, 61.	11.0	86
35	Antidepressant effects of sertraline associated with volume increases in dorsolateral prefrontal cortex. <i>Journal of Affective Disorders</i> , 2013, 146, 414-419.	4.1	80
36	The Rebirth of Neuroscience in Psychosomatic Medicine, Part II: Clinical Applications and Implications for Research. <i>Psychosomatic Medicine</i> , 2009, 71, 135-151.	2.0	71

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37	Unconscious emotion: A cognitive neuroscientific perspective. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 69, 216-238.	6.1	68
38	Somatization is associated with deficits in affective Theory of Mind. <i>Journal of Psychosomatic Research</i> , 2013, 74, 479-485.	2.6	66
39	The structure of emotional experience and its relation to trait emotional awareness: A theoretical review.. <i>Emotion</i> , 2018, 18, 670-692.	1.8	65
40	Baseline Vagal Tone Predicts BOLD Response during Elicitation of Grief. <i>Neuropsychopharmacology</i> , 2007, 32, 2184-2189.	5.4	64
41	Subgenual anterior cingulate cortex activity covariation with cardiac vagal control is altered in depression. <i>Journal of Affective Disorders</i> , 2013, 150, 565-570.	4.1	64
42	Neurocomputational mechanisms underlying emotional awareness: Insights afforded by deep active inference and their potential clinical relevance. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 107, 473-491.	6.1	60
43	How Is Emotional Awareness Related to Emotion Regulation Strategies and Self-Reported Negative Affect in the General Population?. <i>PLoS ONE</i> , 2014, 9, e91846.	2.5	56
44	Role of theory of mind in emotional awareness and alexithymia: Implications for conceptualization and measurement. <i>Consciousness and Cognition</i> , 2015, 33, 398-405.	1.5	55
45	Individual differences in trait mindfulness predict dorsomedial prefrontal and amygdala response during emotional imagery: An fMRI study. <i>Personality and Individual Differences</i> , 2010, 49, 479-484.	2.9	54
46	Differences in Emotion Processing in Patients With Essential and Secondary Hypertension. <i>American Journal of Hypertension</i> , 2010, 23, 515-521.	2.0	51
47	The new field of Brainâ€“Body Medicine: What have we learned and where are we headed?. <i>NeuroImage</i> , 2009, 47, 1135-1140.	4.2	49
48	Maintaining the feelings of others in working memory is associated with activation of the left anterior insula and left frontal-parietal control network. <i>Social Cognitive and Affective Neuroscience</i> , 2017, 12, 848-860.	3.0	48
49	Psychological Stress Preceding Idiopathic Ventricular Fibrillation. <i>Psychosomatic Medicine</i> , 2005, 67, 359-365.	2.0	47
50	The construction of emotional experience requires the integration of implicit and explicit emotional processes. <i>Behavioral and Brain Sciences</i> , 2012, 35, 159-160.	0.7	47
51	Prolonged Non-metabolic Heart Rate Variability Reduction as a Physiological Marker of Psychological Stress in Daily Life. <i>Annals of Behavioral Medicine</i> , 2016, 50, 704-714.	2.9	47
52	Fun is more fun when others are involved. <i>Journal of Positive Psychology</i> , 2017, 12, 547-557.	4.0	46
53	The role of medial prefrontal cortex in the working memory maintenance of oneâ€™s own emotional responses. <i>Scientific Reports</i> , 2018, 8, 3460.	3.3	45
54	A neuro-cognitive process model of emotional intelligence. <i>Biological Psychology</i> , 2018, 139, 131-151.	2.2	45

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55	Alexithymic features and the labeling of brief emotional facial expressions – An fMRI study. <i>Neuropsychologia</i> , 2014, 64, 289-299.	1.6	44
56	Levels of emotional awareness: Implications for psychotherapeutic integration.. <i>Journal of Psychotherapy Integration</i> , 1992, 2, 1-18.	1.1	41
57	Biased Competition Favoring Physical Over Emotional Pain: A Possible Explanation for the Link Between Early Adversity and Chronic Pain. <i>Psychosomatic Medicine</i> , 2018, 80, 880-890.	2.0	41
58	Emotional Numbing in Posttraumatic Stress Disorder. <i>Journal of Clinical Psychiatry</i> , 2012, 73, 431-436.	2.2	41
59	Altered functional connectivity between medial prefrontal cortex and the inferior brainstem in major depression during appraisal of subjective emotional responses: A preliminary study. <i>Biological Psychology</i> , 2015, 108, 13-24.	2.2	40
60	Is it possible to bridge the Biopsychosocial and Biomedical models?. <i>BioPsychoSocial Medicine</i> , 2014, 8, 3.	2.1	39
61	Resting state functional connectivity correlates of emotional awareness. <i>NeuroImage</i> , 2017, 159, 99-106.	4.2	39
62	Sex differences in emotion recognition ability: The mediating role of trait emotional awareness. <i>Motivation and Emotion</i> , 2018, 42, 149-160.	1.3	38
63	Mechanisms Underlying the Association Between Early-Life Adversity and Physical Health: Charting a Course for the Future. <i>Psychosomatic Medicine</i> , 2016, 78, 1114-1119.	2.0	36
64	Computer scoring of the Levels of Emotional Awareness Scale. <i>Behavior Research Methods</i> , 2010, 42, 586-595.	4.0	34
65	Nested positive feedback loops in the maintenance of major depression: An integration and extension of previous models. <i>Brain, Behavior, and Immunity</i> , 2018, 67, 374-397.	4.1	34
66	Freud's antiquities. <i>Psychodynamic Practice</i> , 2010, 16, 77-78.	0.1	33
67	Levels of emotional awareness: A model for conceptualizing and measuring emotion-centered structural change. <i>International Journal of Psychoanalysis</i> , 2011, 92, 289-310.	0.4	32
68	Role of medial prefrontal cortex in representing one's own subjective emotional responses: A preliminary study. <i>Consciousness and Cognition</i> , 2014, 29, 117-130.	1.5	32
69	Levels of Emotional Awareness: Theory and Measurement of a Socio-Emotional Skill. <i>Journal of Intelligence</i> , 2021, 9, 42.	2.5	30
70	Neural Correlates of Deficits in Pain-Related Affective Meaning Construction in Patients With Chronic Pain Disorder. <i>Psychosomatic Medicine</i> , 2013, 75, 124-136.	2.0	29
71	Automatic emotion processing as a function of trait emotional awareness: an fMRI study. <i>Social Cognitive and Affective Neuroscience</i> , 2015, 10, 680-689.	3.0	28
72	The reliability and validity of the Japanese version of the Levels of Emotional Awareness Scale (LEAS-J). <i>BioPsychoSocial Medicine</i> , 2011, 5, 2.	2.1	26

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73	Increased association over time between regional frontal lobe BOLD change magnitude and cardiac vagal control with sertraline treatment for major depression. <i>Psychiatry Research - Neuroimaging</i> , 2014, 224, 225-233.	1.8	24
74	An Embodied Neurocomputational Framework for Organically Integrating Biopsychosocial Processes: An Application to the Role of Social Support in Health and Disease. <i>Psychosomatic Medicine</i> , 2019, 81, 125-145.	2.0	24
75	Developmental Contributions to Emotional Awareness. <i>Journal of Personality Assessment</i> , 2019, 101, 150-158.	2.1	24
76	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. <i>Social Cognitive and Affective Neuroscience</i> , 2018, 13, 665-675.	3.0	23
77	Greater cortical thickness within the limbic visceromotor network predicts higher levels of trait emotional awareness. <i>Consciousness and Cognition</i> , 2018, 57, 54-61.	1.5	22
78	The effects of verbal labelling on psychophysiology: Objective but not subjective emotion labelling reduces skin-conductance responses to briefly presented pictures. <i>Cognition and Emotion</i> , 2010, 24, 829-839.	2.0	20
79	Differentiation in the Momentary Rating of Somatic Symptoms Covaries With Trait Emotional Awareness in Patients at Risk for Sudden Cardiac Death. <i>Psychosomatic Medicine</i> , 2011, 73, 185-192.	2.0	20
80	Changes in Ventricular Repolarization Duration During Typical Daily Emotion in Patients With Long QT Syndrome. <i>Psychosomatic Medicine</i> , 2011, 73, 98-105.	2.0	20
81	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. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 370.	2.0	20
82	Ecological momentary assessment of emotional awareness: Preliminary evaluation of psychometric properties. <i>Current Psychology</i> , 2021, 40, 1402-1410.	2.8	20
83	The importance of identifying underlying process abnormalities in alexithymia: Implications of the three-process model and a single case study illustration. <i>Consciousness and Cognition</i> , 2019, 68, 33-46.	1.5	19
84	Happiness and Stress Alter Susceptibility to Cardiac Events in Long QT Syndrome. <i>Annals of Noninvasive Electrocardiology</i> , 2009, 14, 193-200.	1.1	18
85	Introduction to a Special Issue of <i>NeuroImage</i> on Brain-Body Medicine. <i>NeuroImage</i> , 2009, 47, 781-784.	4.2	18
86	The neural basis of attaining conscious awareness of sad mood. <i>Brain Imaging and Behavior</i> , 2015, 9, 574-587.	2.1	18
87	Depression and Smoking: Mediating Role of Vagal Tone and Inflammation. <i>Annals of Behavioral Medicine</i> , 2011, 42, 334-340.	2.9	17
88	From Reconstruction to Construction: The Power of Corrective Emotional Experiences in Memory Reconsolidation and Enduring Change. <i>Journal of the American Psychoanalytic Association</i> , 2018, 66, 507-516.	0.6	17
89	The evolution and development of the uniquely human capacity for emotional awareness: A synthesis of comparative anatomical, cognitive, neurocomputational, and evolutionary psychological perspectives. <i>Biological Psychology</i> , 2020, 154, 107925.	2.2	15
90	The role of enhanced emotional awareness in promoting change across psychotherapy modalities.. <i>Journal of Psychotherapy Integration</i> , 2022, 32, 131-150.	1.1	15

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91	The importance of inhibition in dynamical systems models of emotion and neurobiology. Behavioral and Brain Sciences, 2005, 28, 218-219.	0.7	12
92	Disentangling introspective and exteroceptive attentional control from emotional appraisal in depression using fMRI: A preliminary study. Psychiatry Research - Neuroimaging, 2016, 248, 39-47.	1.8	12
93	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.	1.8	12
94	Wearable sensor based stress management using integrated respiratory and ECG waveforms. , 2015, , .		11
95	Affective Change in Psychodynamic Psychotherapy: Theoretical Models and Clinical Approaches to Changing Emotions. Zeitschrift Fur Psychosomatische Medizin Und Psychotherapie, 2016, 62, 207-223.	1.7	11
96	Abnormal Repolarization Duration During Everyday Emotional Arousal in Long QT Syndrome and Coronary Artery Disease. American Journal of Medicine, 2018, 131, 565-572.e2.	1.5	11
97	Treating anxiety disorders by emotionâ€focussed psychodynamic psychotherapy (<scp>EFPP</scp>)â€”<scp>A</scp>n integrative, transdiagnostic approach. Clinical Psychology and Psychotherapy, 2019, 26, 1-13.	2.7	11
98	Partial Amelioration of Medial Visceromotor Network Dysfunction in Major Depression by Sertraline. Psychosomatic Medicine, 2015, 77, 752-761.	2.0	9
99	A Cognitive-Developmental Model of Emotional Awareness and Its Application to the Practice of Psychotherapy. Psychodynamic Psychiatry, 2016, 44, 305-325.	0.3	9
100	Higher Emotional Awareness Is Associated With Reduced Pain in Irritable Bowel Syndrome Patients: Preliminary Results. Psychological Reports, 2020, 123, 2227-2247.	1.7	9
101	Affective agnosia: a core affective processing deficit in the alexithymia spectrum. BioPsychoSocial Medicine, 2020, 14, .	2.1	9
102	Functional Neuroanatomy of Psychiatric Disorders: A Didactic Course for Residents. Academic Psychiatry, 2001, 25, 148-155.	0.9	8
103	Unwanted reminders: The effects of emotional memory suppression on subsequent neuro-cognitive processing. Consciousness and Cognition, 2016, 44, 103-113.	1.5	8
104	The impact of attachment distress on affect-centered mentalization: An experimental study in psychosomatic patients and healthy adults. PLoS ONE, 2018, 13, e0195430.	2.5	8
105	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.	2.0	7
106	A Computational Neuroscience Perspective on the Change Process in Psychotherapy. , 2020, , 395-432.		7
107	Regional Frontal Lobe Response Magnitudes During Affective Shifting Covary With Resting Heart Rate Variability in Healthy Volunteers. Journal of Psychophysiology, 2016, 30, 165-174.	0.7	6
108	Does suppressing negative emotion impair subsequent emotions? Two experience sampling studies. Motivation and Emotion, 2020, 44, 427-435.	1.3	5

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109	The construction of emotional experience: State-related emotional awareness and its application to psychotherapy research and practice. <i>Counselling and Psychotherapy Research</i> , 2020, 20, 479-487.	3.2	5
110	The Unique Human Capacity for Emotional Awareness: Psychological, Neuroanatomical, Comparative and Evolutionary Perspectives. <i>The Science of the Mind</i> , 2012, , 165-205.	0.4	4
111	The integrated memory model: A new framework for understanding the mechanisms of change in psychotherapy. <i>Behavioral and Brain Sciences</i> , 2015, 38, .	0.7	4
112	Lower Emotion Awareness in Skin-Restricted Lupus Patients: A Case-Controlled Study. <i>Psychotherapy and Psychosomatics</i> , 2018, 87, 313-315.	8.8	4
113	Measuring emotional awareness from a cognitive-developmental perspective: Portuguese adaptation studies of the levels of emotional awareness scale. <i>Acta Medica Portuguesa</i> , 2013, 26, 145-53.	0.4	4
114	Alexithymia 3.0: reimagining alexithymia from a medical perspective. <i>BioPsychoSocial Medicine</i> , 2020, 14, .	2.1	2
115	The Affective Origin and Treatment of Recurrent Maladaptive Patterns. , 2020, , 363-394.		2
116	Sexual Dysfunction and Coronary Artery Disease: What Applies to the Gander May Apply to the Goose. <i>American Journal of Medicine</i> , 2008, 121, 256-257.	1.5	1
117	Thinking through others's emotions: Incorporating the role of emotional state inference in thinking through other minds. <i>Behavioral and Brain Sciences</i> , 2020, 43, e114.	0.7	1
118	Higher emotional awareness is associated with greater domain-general reflective tendencies. <i>Scientific Reports</i> , 2022, 12, 3123.	3.3	1
119	The promise of affective science to advance psychoanalytic object relations theory. <i>Neuropsychoanalysis</i> , 0, , 1-4.	0.7	1
120	HIERARCHICAL ORGANIZATION OF EMOTIONAL EXPERIENCE AND ITS NEURAL SUBSTRATES. , 2001, , 247-270.		0
121	Douglas F. Watts's Book Review of Lane & Nadel, <i>Cognitive Neuroscience of Emotion</i>. <i>Neuropsychoanalysis</i> , 2005, 7, 103-105.	0.7	0
122	Neuroimaging of Depression and Other Emotional States. , 2010, , 803-819.		0
123	Promoting the Integration of Psychodynamic and Emotion-Focused Psychotherapies Through Advances in Affective Science and Neuroscience. <i>Clinical Social Work Journal</i> , 2020, 48, 279-286.	2.6	0
124	Is the concept of affective agnosia a useful addition to the alexithymia literature?. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 127, 747-748.	6.1	0
125	Inducing Unconscious Stress. <i>Journal of Psychophysiology</i> , 2020, 34, 192-201.	0.7	0