

Randolph M Nesse

List of Publications by Year in descending order

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151
papers

16,574
citations

20817

60
h-index

16183

124
g-index

161
all docs

161
docs citations

161
times ranked

11628
citing authors

#	ARTICLE	IF	CITATIONS
1	Providing Social Support May Be More Beneficial Than Receiving It. <i>Psychological Science</i> , 2003, 14, 320-327.	3.3	987
2	The National Survey of American Life: a study of racial, ethnic and cultural influences on mental disorders and mental health. <i>International Journal of Methods in Psychiatric Research</i> , 2004, 13, 196-207.	2.1	745
3	Evolutionary explanations of emotions. <i>Human Nature</i> , 1990, 1, 261-289.	1.6	744
4	Resilience to loss and chronic grief: A prospective study from preloss to 18-months postloss.. <i>Journal of Personality and Social Psychology</i> , 2002, 83, 1150-1164.	2.8	709
5	Is Depression an Adaptation?. <i>Archives of General Psychiatry</i> , 2000, 57, 14.	12.3	680
6	Fear and fitness: An evolutionary analysis of anxiety disorders. <i>Ethology and Sociobiology</i> , 1994, 15, 247-261.	1.5	589
7	The Dawn of Darwinian Medicine. <i>Quarterly Review of Biology</i> , 1991, 66, 1-22.	0.1	582
8	Depression is not a consistent syndrome: An investigation of unique symptom patterns in the STAR*D study. <i>Journal of Affective Disorders</i> , 2015, 172, 96-102.	4.1	580
9	Depression sum-scores don't add up: why analyzing specific depression symptoms is essential. <i>BMC Medicine</i> , 2015, 13, 72.	5.5	528
10	What are 'good' depression symptoms? Comparing the centrality of DSM and non-DSM symptoms of depression in a network analysis. <i>Journal of Affective Disorders</i> , 2016, 189, 314-320.	4.1	475
11	Psychoactive Drug Use in Evolutionary Perspective. <i>Science</i> , 1997, 278, 63-66.	12.6	414
12	Prospective Patterns of Resilience and Maladjustment During Widowhood.. <i>Psychology and Aging</i> , 2004, 19, 260-271.	1.6	409
13	Evolution, emotions, and emotional disorders.. <i>American Psychologist</i> , 2009, 64, 129-139.	4.2	348
14	Resilience to loss and chronic grief: A prospective study from preloss to 18-months postloss.. <i>Journal of Personality and Social Psychology</i> , 2002, 83, 1150-1164.	2.8	325
15	A BDNF Coding Variant is Associated with the NEO Personality Inventory Domain Neuroticism, a Risk Factor for Depression. <i>Neuropsychopharmacology</i> , 2003, 28, 397-401.	5.4	321
16	Natural selection and the regulation of defenses. <i>Evolution and Human Behavior</i> , 2005, 26, 88-105.	2.2	320
17	The Impact of Individual Depressive Symptoms on Impairment of Psychosocial Functioning. <i>PLoS ONE</i> , 2014, 9, e90311.	2.5	283
18	Adrenergic Function in Patients With Panic Anxiety. <i>Archives of General Psychiatry</i> , 1984, 41, 771.	12.3	253

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19	An evolutionary life-history framework for understanding sex differences in human mortality rates. <i>Human Nature</i> , 2006, 17, 74-97.	1.6	233
20	Evolutionary Health Promotion. <i>Preventive Medicine</i> , 2002, 34, 109-118.	3.4	218
21	Depression is more than the sum score of its parts: individual DSM symptoms have different risk factors. <i>Psychological Medicine</i> , 2014, 44, 2067-2076.	4.5	206
22	The evolutionary significance of depressive symptoms: Different adverse situations lead to different depressive symptom patterns.. <i>Journal of Personality and Social Psychology</i> , 2006, 91, 316-330.	2.8	194
23	Making evolutionary biology a basic science for medicine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 1800-1807.	7.1	189
24	Marital Quality and Psychological Adjustment to Widowhood Among Older Adults: A Longitudinal Analysis. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2000, 55, S197-S207.	3.9	185
25	Ages of onset of DSM-III anxiety disorders. <i>Comprehensive Psychiatry</i> , 1985, 26, 113-122.	3.1	181
26	The great opportunity: Evolutionary applications to medicine and public health. <i>Evolutionary Applications</i> , 2008, 1, 28-48.	3.1	176
27	Natural selection and the elusiveness of happiness. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2004, 359, 1333-1347.	4.0	173
28	Evolutionary foundations for cancer biology. <i>Evolutionary Applications</i> , 2013, 6, 144-159.	3.1	168
29	Is low mood an adaptation? Evidence for subtypes with symptoms that match precipitants. <i>Journal of Affective Disorders</i> , 2005, 86, 27-35.	4.1	163
30	The Smoke Detector Principle. <i>Annals of the New York Academy of Sciences</i> , 2001, 935, 75-85.	3.8	163
31	Endocrine and cardiovascular responses during phobic anxiety.. <i>Psychosomatic Medicine</i> , 1985, 47, 320-332.	2.0	160
32	Persistent respiratory irregularity in patients with panic disorder. <i>Biological Psychiatry</i> , 2001, 49, 588-595.	1.3	150
33	Runaway Social Selection for Displays of Partner Value and Altruism. <i>Biological Theory</i> , 2007, 2, 143-155.	1.5	148
34	Methodological innovations in the National Survey of American Life. <i>International Journal of Methods in Psychiatric Research</i> , 2004, 13, 289-298.	2.1	147
35	Evolutionary public health: introducing the concept. <i>Lancet, The</i> , 2017, 390, 500-509.	13.7	145
36	Proximate and evolutionary studies of anxiety, stress and depression: synergy at the interface. <i>Neuroscience and Biobehavioral Reviews</i> , 1999, 23, 895-903.	6.1	136

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37	Pretreatment Nausea in Cancer Chemotherapy: A Conditioned Response?*. Psychosomatic Medicine, 1980, 42, 33-36.	2.0	135
38	Tinbergen's four questions, organized: a response to Bateson and Laland. Trends in Ecology and Evolution, 2013, 28, 681-682.	8.7	125
39	Childhood adversity and vulnerability to mood and anxiety disorders. Depression and Anxiety, 1997, 5, 66-72.	4.1	124
40	Towards a genuinely medical model for psychiatric nosology. BMC Medicine, 2012, 10, 5.	5.5	122
41	Serotonin transporter and GABA(A) alpha 6 receptor variants are associated with neuroticism. Biological Psychiatry, 2004, 55, 244-249.	1.3	119
42	Sexual Selection and the Male:Female Mortality Ratio. Evolutionary Psychology, 2004, 2, 147470490400200.	0.9	119
43	Evolution and the Origins of Disease. Scientific American, 1998, 279, 86-93.	1.0	111
44	Evolutionary perspectives on health and medicine. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 1691-1695.	7.1	110
45	The Triversâ€™Willard hypothesis of parental investment. Evolution and Human Behavior, 2001, 22, 343-360.	2.2	108
46	Maladaptation and Natural Selection. Quarterly Review of Biology, 2005, 80, 62-70.	0.1	95
47	Religion and Emotional Compensation: Results from a Prospective Study of Widowhood. Personality and Social Psychology Bulletin, 2004, 30, 1165-1174.	3.0	91
48	Medicine Needs Evolution. Science, 2006, 311, 1071-1071.	12.6	85
49	Pentagastrin infusions in patients with panic disorder I. Symptoms and cardiovascular responses. Biological Psychiatry, 1994, 36, 73-83.	1.3	83
50	Systemic hormonal and physiological abnormalities in anxiety disorders. Psychoneuroendocrinology, 1988, 13, 287-307.	2.7	81
51	Cliff-edged fitness functions and the persistence of schizophrenia. Behavioral and Brain Sciences, 2004, 27, 862-863.	0.7	79
52	Classification systems in psychiatry. Current Opinion in Psychiatry, 2013, 26, 493-497.	6.3	76
53	WHAT GOOD IS FEELING BAD?. The Sciences, 1991, 31, 30-37.	0.1	73
54	On the difficulty of defining disease: a Darwinian perspective. , 2001, 4, 37-46.		73

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55	Evolutionary molecular medicine. <i>Journal of Molecular Medicine</i> , 2012, 90, 509-522.	3.9	72
56	An evolutionary perspective on psychiatry. <i>Comprehensive Psychiatry</i> , 1984, 25, 575-580.	3.1	71
57	The Daily Consequences of Widowhood. <i>Journal of Family Issues</i> , 2004, 25, 683-712.	1.6	70
58	The Evolutionary Functions of Repression and the Ego Defenses. <i>Journal of the American Academy of Psychoanalysis and Dynamic Psychiatry</i> , 1990, 18, 260-285.	0.1	67
59	A comparison of panic disorder and agoraphobia with panic attacks. <i>Comprehensive Psychiatry</i> , 1985, 26, 208-214.	3.1	66
60	Alcohol abuse among clinically anxious patients. <i>Behaviour Research and Therapy</i> , 1986, 24, 357-359.	3.1	66
61	An evolutionary perspective on panic disorder and agoraphobia. <i>Ethology and Sociobiology</i> , 1987, 8, 73-83.	1.5	61
62	Ten questions for evolutionary studies of disease vulnerability. <i>Evolutionary Applications</i> , 2011, 4, 264-277.	3.1	60
63	Anxiety and Plasma Cortisol at the Crest of the Circadian Cycle: Reappraisal of a Classical Hypothesis. <i>Psychosomatic Medicine</i> , 1978, 40, 368-378.	2.0	59
64	An evolutionary perspective on substance abuse. <i>Ethology and Sociobiology</i> , 1994, 15, 339-348.	1.5	58
65	Pentagastrin infusions in patients with panic disorder II. <i>Neuroendocrinology. Biological Psychiatry</i> , 1994, 36, 84-96.	1.3	57
66	Life table tests of evolutionary theories of senescence. <i>Experimental Gerontology</i> , 1988, 23, 445-453.	2.8	54
67	Risk Perception by Patients with Anxiety Disorders. <i>Journal of Nervous and Mental Disease</i> , 1994, 182, 465-470.	1.0	53
68	Agoraphobia: a test of the separation anxiety hypothesis. <i>Behaviour Research and Therapy</i> , 1985, 23, 75-78.	3.1	52
69	Sex differences in ability to recognize family resemblance. <i>Ethology and Sociobiology</i> , 1990, 11, 11-21.	1.5	49
70	A standardized behavioral group treatment program for obsessive-compulsive disorder: preliminary outcomes. <i>Behaviour Research and Therapy</i> , 1991, 29, 627-631.	3.1	48
71	Defense Mechanism Changes in Successfully Treated Patients With Obsessive-Compulsive Disorder. <i>American Journal of Psychiatry</i> , 1998, 155, 558-559.	7.2	48
72	Core principles of evolutionary medicine. <i>Evolution, Medicine and Public Health</i> , 2018, 2018, 13-23.	2.5	48

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73	Respiratory Psychophysiology and Anxiety. <i>Psychosomatic Medicine</i> , 1996, 58, 302-313.	2.0	47
74	Panic disorder: a test of the separation anxiety hypothesis. <i>Behaviour Research and Therapy</i> , 1986, 24, 209-211.	3.1	45
75	Group behavioral therapy of obsessive-compulsive disorder: Seven- vs. twelve-week outcomes. <i>Depression and Anxiety</i> , 2001, 13, 161-165.	4.1	43
76	Threat detection, precautionary responses, and anxiety disorders. <i>Neuroscience and Biobehavioral Reviews</i> , 2011, 35, 1075-1079.	6.1	43
77	How is Darwinian medicine useful?. <i>Western Journal of Medicine</i> , 2001, 174, 358-360.	0.3	43
78	Anxiety Induced by Flooding Therapy for Phobias Does Not Elicit Prolactin Secretory Response*. <i>Psychosomatic Medicine</i> , 1980, 42, 25-31.	2.0	42
79	Neuroendocrine responses to laboratory panic: Cognitive intervention in the doxapram model. <i>Psychoneuroendocrinology</i> , 1996, 21, 375-390.	2.7	39
80	Urinary catecholamines and mitral valve prolapse in panic-anxiety patients. <i>Psychiatry Research</i> , 1985, 14, 67-75.	3.3	37
81	Stimulation of corticotropin release by pentagastrin in normal subjects and patients with panic disorder. <i>Biological Psychiatry</i> , 1991, 29, 1220-1223.	1.3	36
82	Teleological reasoning, not acceptance of evolution, impacts students'™ ability to learn natural selection. <i>Evolution: Education and Outreach</i> , 2017, 10, .	0.8	35
83	An evolutionary medicine perspective on pain and its disorders. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20190288.	4.0	35
84	Peripheral catecholamine levels and the symptoms of anxiety: studies in patients with and without pheochromocytoma.. <i>Psychosomatic Medicine</i> , 1990, 52, 129-142.	2.0	33
85	Evolutionary Biology in the Medical School Curriculum. <i>BioScience</i> , 2003, 53, 585.	4.9	31
86	Commentary: "Consistent Superiority of Selective Serotonin Reuptake Inhibitors Over Placebo in Reducing Depressed Mood in Patients with Major Depression". <i>Frontiers in Psychiatry</i> , 2015, 6, 117.	2.6	31
87	Evolutionary Ecology of Organs: A Missing Link in Cancer Development?. <i>Trends in Cancer</i> , 2016, 2, 409-415.	7.4	31
88	EVOLUTION AND MEDICINE IN UNDERGRADUATE EDUCATION: A PRESCRIPTION FOR ALL BIOLOGY STUDENTS. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 1991-2006.	2.3	29
89	Runaway Social Selection for Displays of Partner Value and Altruism. , 2009, , 211-231.		29
90	Evolution And Addiction. <i>Addiction</i> , 2002, 97, 470-471.	3.3	28

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91	Anxiety and cardiovascular reactivity in the Tecumseh population. <i>Journal of Hypertension</i> , 1998, 16, 1727-1733.	0.5	27
92	Flooding in vivo as research tool and treatment method for phobias: A preliminary report. <i>Comprehensive Psychiatry</i> , 1976, 17, 153-160.	3.1	24
93	Evolution: medicine's most basic science. <i>Lancet, The</i> , 2008, 372, S21-S27.	13.7	24
94	Evolution is the scientific foundation for diagnosis: psychiatry should use it. <i>World Psychiatry</i> , 2007, 6, 160-1.	10.4	24
95	Evolution at 150: time for truly biological psychiatry. <i>British Journal of Psychiatry</i> , 2009, 195, 471-472.	2.8	23
96	Association Between a Dopamine-4 Receptor Polymorphism and Blood Pressure. <i>American Journal of Hypertension</i> , 2005, 18, 1206-1210.	2.0	21
97	Explaining depression: neuroscience is not enough, evolution is essential. , 2009, , 17-36.		21
98	Phobic anxiety does not affect plasma levels of thyroid stimulating hormone in man. <i>Psychoneuroendocrinology</i> , 1982, 7, 69-74.	2.7	20
99	Evolutionary Biology in the Medical Curriculum: What Every Physician Should Know. <i>BioScience</i> , 1997, 47, 664-666.	4.9	18
100	Tinbergen's four questions. <i>Evolution, Medicine and Public Health</i> , 2019, 2019, 2-2.	2.5	17
101	Economic Transition, Male Competition, and Sex Differences in Mortality Rates. <i>Evolutionary Psychology</i> , 2007, 5, 147470490700500.	0.9	16
102	The status of evolutionary medicine education in North American medical schools. <i>BMC Medical Education</i> , 2015, 15, 38.	2.4	16
103	An Evolutionary View. <i>Psychiatric Annals</i> , 1988, 18, 478-483.	0.1	16
104	Platelet alpha2-Adrenoreceptors, Catecholamines, Hemodynamic Variables, and Anxiety in Panic Patients and Their Asymptomatic Relatives. <i>Psychosomatic Medicine</i> , 1996, 58, 289-301.	2.0	15
105	The smoke detector principle. <i>Evolution, Medicine and Public Health</i> , 2019, 2019, 1-1.	2.5	15
106	Why Has Natural Selection Left Us So Vulnerable to Anxiety and Mood Disorders?. <i>Canadian Journal of Psychiatry</i> , 2011, 56, 705-706.	1.9	14
107	Dr. Curtis and Associates Reply. <i>American Journal of Psychiatry</i> , 1983, 140, 1259-b-1260.	7.2	13
108	Normal and Abnormal Anxiety in the Age of DSM-5 and ICD-11. <i>Emotion Review</i> , 2015, 7, 223-229.	3.4	13

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109	Does selection for short sleep duration explain human vulnerability to Alzheimer's disease?. <i>Evolution, Medicine and Public Health</i> , 2017, 2017, 39-46.	2.5	13
110	Psychobiology of Anxiety and Anxiety Disorders. <i>Psychiatric Clinics of North America</i> , 1985, 8, 133-144.	1.3	12
111	Trisomy: Chromosome competition or maternal strategy?. <i>Ethology and Sociobiology</i> , 1992, 13, 283-287.	1.5	12
112	Evolution: medicine's most basic science. , 2010, , 12-15.		12
113	* Natural selection and the elusiveness of happiness. , 2005, , 2-33.		11
114	Darwinian medicine and mental disorders. <i>International Congress Series</i> , 2006, 1296, 83-94.	0.2	11
115	Evolutionary approaches to sexually transmitted infections. <i>Annals of the New York Academy of Sciences</i> , 2011, 1230, 1-3.	3.8	11
116	The state of evolutionary medicine in undergraduate education. <i>Evolution, Medicine and Public Health</i> , 2019, 2019, 82-92.	2.5	11
117	Evolutionary biology: a basic science for psychiatry. <i>World Psychiatry</i> , 2002, 1, 7-9.	10.4	11
118	Why is group selection such a problem?. <i>Behavioral and Brain Sciences</i> , 1994, 17, 633-634.	0.7	10
119	The evolution of evolutionary molecular medicine. <i>Journal of Molecular Medicine</i> , 2012, 90, 467-470.	3.9	9
120	How evolutionary psychiatry can advance psychopharmacology. <i>Dialogues in Clinical Neuroscience</i> , 2019, 21, 167-175.	3.7	9
121	Diagnostic and gender differences in the expressed fears of anxious patients. <i>Journal of Behavior Therapy and Experimental Psychiatry</i> , 1985, 16, 111-115.	1.2	8
122	Treatment of Panic-Like Attacks with a Long-Acting Analogue of Somatostatin. <i>Journal of Clinical Psychopharmacology</i> , 1990, 10, 128-132.	1.4	8
123	What evolutionary biology offers public health. <i>Bulletin of the World Health Organization</i> , 2008, 86, 83-83.	3.3	8
124	Evolutionary foundations for psychiatric diagnosis: making DSM-V valid1. , 2011, , 173-197.		8
125	Standardization of the fear survey schedule based upon patients with DSM-III anxiety disorders. <i>Journal of Behavior Therapy and Experimental Psychiatry</i> , 1984, 15, 123-126.	1.2	7
126	Comment: A General "Theory of Emotion" is Neither Necessary nor Possible. <i>Emotion Review</i> , 2014, 6, 320-322.	3.4	7

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127	Natural Selection, Mental Modules and Intelligence. Novartis Foundation Symposium, 2008, 233, 96-115.	1.1	6
128	Human compulsivity: A perspective from evolutionary medicine. European Neuropsychopharmacology, 2016, 26, 869-876.	0.7	6
129	Introducing Evolutionary Thinking For Medicine. , 2007, , 3-16.		6
130	Summary of the evolution and human behavior conferences: Ann Arbor, Michigan, April and October 1988. Ethology and Sociobiology, 1989, 10, 457-465.	1.5	5
131	Sequential trials of fluoxetine, phenelzine, and tranylcypromine in the treatment of obsessive-compulsive disorder. Journal of Anxiety Disorders, 1989, 3, 287-293.	3.2	5
132	Vomiting is not an adaption for glaucoma (and Darwinian medicine is difficult). Medical Hypotheses, 2008, 71, 472-473.	1.5	5
133	Social selection is a powerful explanation for prosociality. Behavioral and Brain Sciences, 2016, 39, e47.	0.7	5
134	Anorexia: A perverse effect of attempting to control the starvation response. Behavioral and Brain Sciences, 2017, 40, e125.	0.7	4
135	Evolutionary Medicine – A Great Way to Teach Biology. American Biology Teacher, 2019, 81, 533-533.	0.2	4
136	EvMedEd: A Teaching Resource for Integrating Medical Examples into Evolution Education. American Biology Teacher, 2020, 82, 123-126.	0.2	4
137	Childhood adversity and vulnerability to mood and anxiety disorders. Depression and Anxiety, 1997, 5, 66-72.	4.1	4
138	How Can Evolution and Neuroscience Help Us Understand Moral Capacities?. , 2009, , 201-209.		4
139	Natural selection and fear regulation mechanisms. Behavioral and Brain Sciences, 1995, 18, 309-310.	0.7	3
140	Introduction: Five Evolutionary Principles for Understanding Cancer. , 2017, , xv-xxi.		3
141	Lay Theories and Metaphors of Health and Illness. , 2017, , 341-354.		3
142	Evolution: a basic science for medicine. , 2011, , 107-114.		2
143	Group behavioral therapy of obsessive-compulsive disorder: Seven-vs. twelve-week outcomes. Depression and Anxiety, 2001, 13, 161-165.	4.1	2
144	Evolution: medicine's most basic science. , 2010, , 13-15.		2

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145	Human nature and the Holy Grail. Behavioral and Brain Sciences, 1991, 14, 312-313.	0.7	0
146	Nothing to Sneezed At. The Sciences, 1994, 34, 34-38.	0.1	0
147	Special issue introduction: Mental disorders in an evolutionary context. Ethology and Sociobiology, 1994, 15, 245.	1.5	0
148	Care and Cure: An Introduction to Philosophy of Medicine. By Jacob Stegenga. Chicago (Illinois): University of Chicago Press. \$75.00 (hardcover); \$25.00 (paper). xiii + 248 p.; index. ISBN: 978-0-226-59081-3 (hc); 978-0-226-59503-0 (pb); 978-0-226-59517-7 (eb). 2018.. Quarterly Review of Biology, 2020, 95, 65-66.	0.1	0
149	The Creative Mind. C. Scott Findlay, Charles J. Lumsden. Quarterly Review of Biology, 1990, 65, 65-65.	0.1	0
150	Review of Problems of Living: Perspectives from Philosophy, Psychiatry and Cognitive-Affective Science. South African Journal of Psychiatry, 0, 27, .	0.4	0
151	Social Situations Shape Social Emotions That Benefit Genes. Evolutionary Studies in Imaginative Culture, 2022, 6, 39-42.	0.2	0