

# Charles L Raison

## List of Publications by Year in descending order

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Version: 2024-02-01

131  
papers

20,736  
citations

36303

51  
h-index

16183

124  
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141  
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141  
docs citations

141  
times ranked

20079  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Naturalistic Psychedelic Use on Depression, Anxiety, and Well-Being: Associations With Patterns of Use, Reported Harms, and Transformative Mental States. <i>Frontiers in Psychiatry</i> , 2022, 13, 831092.	2.6	20
2	Learning Compassion and Meditation: A Mixed-Methods Analysis of the Experience of Novice Meditators. <i>Frontiers in Psychology</i> , 2022, 13, 805718.	2.1	3
3	Implications of a “Null” Randomized Controlled Trial of Mindfulness and Compassion Interventions in Healthy Adults. <i>Mindfulness</i> , 2022, 13, 1197-1213.	2.8	9
4	Toward Risk-Benefit Assessments in Psychedelic- and MDMA-Assisted Therapies. <i>JAMA Psychiatry</i> , 2022, 79, 525.	11.0	10
5	The effect of tocilizumab on patient reported outcomes and inflammatory biomarkers in hematopoietic cell transplantation. <i>Brain, Behavior, &amp; Immunity - Health</i> , 2022, 23, 100480.	2.5	1
6	Compassion Meditation Training for Hospital Chaplain Residents: A Pilot Study. <i>Journal of Health Care Chaplaincy</i> , 2021, 27, 191-206.	1.1	10
7	Exploring brain insulin resistance in adults with bipolar depression using extracellular vesicles of neuronal origin. <i>Journal of Psychiatric Research</i> , 2021, 133, 82-92.	3.1	27
8	Is frequent sighing an indicator of dispositional negative emotionality? A multi-sample, multi-measure naturalistic-observation study. <i>Journal of Research in Personality</i> , 2021, 90, 104046.	1.7	3
9	Peripheral inflammatory biomarkers define biotypes of bipolar depression. <i>Molecular Psychiatry</i> , 2021, 26, 3395-3406.	7.9	19
10	Commentary on: “Association Between Passive Body Heating by Hot Water Bathing Before Bedtime and Depressive Symptoms Among Community-Dwelling Older Adults” American Journal of Geriatric Psychiatry, 2021, , .	1.2	0
11	The IL-6 antagonist tocilizumab is associated with worse depression and related symptoms in the medically ill. <i>Translational Psychiatry</i> , 2021, 11, 58.	4.8	36
12	Feasibility and acceptability of a Whole-Body hyperthermia (WBH) protocol. <i>International Journal of Hyperthermia</i> , 2021, 38, 1529-1535.	2.5	0
13	Mixed-Method Evaluation of the Public Health Questionnaire for Estimating Depression Among Tibetan Buddhist Monastics. <i>Frontiers in Communication</i> , 2021, 6, .	1.2	0
14	Incivility Is Associated with Burnout and Reduced Compassion Satisfaction: A Mixed-Method Study to Identify Causes of Burnout among Oncology Clinical Research Coordinators. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 11855.	2.6	4
15	Cognitively-Based Compassion Training for parents reduces cortisol in infants and young children. <i>Infant Mental Health Journal</i> , 2020, 41, 126-144.	1.8	15
16	The experimental effects of psilocybin on symptoms of anxiety and depression: A meta-analysis. <i>Psychiatry Research</i> , 2020, 284, 112749.	3.3	104
17	C-reactive protein and response to lurasidone treatment in children and adolescents with bipolar I depression: Results from a placebo-controlled trial. <i>Brain, Behavior, and Immunity</i> , 2020, 84, 269-274.	4.1	13
18	“Personality in its Natural Habitat” Revisited: A Pooled, Multi-sample Examination of the Relationships between the Big Five Personality Traits and Daily Behaviour and Language Use. <i>European Journal of Personality</i> , 2020, 34, 753-776.	3.1	13

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19	Ways of Knowing Compassion: How Do We Come to Know, Understand, and Measure Compassion When We See It?. <i>Frontiers in Psychology</i> , 2020, 11, 547241.	2.1	48
20	Microglial Activation and Response to Anti-inflammatory Treatment in Major Depressive Disorder: Another Piece in the Inflammationâ€Mood Disorders Puzzle. <i>Biological Psychiatry</i> , 2020, 88, 594-596.	1.3	2
21	Effects of Cognitively-Based Compassion Training on Parenting Interactions and Childrenâ€™s Empathy. <i>Mindfulness</i> , 2020, 11, 2841-2852.	2.8	3
22	Post-acute psychological effects of classical serotonergic psychedelics: a systematic review and meta-analysis. <i>Psychological Medicine</i> , 2020, 50, 2655-2666.	4.5	33
23	Cytokine responses across submaximal exercise intensities in women with major depressive disorder. <i>Brain, Behavior, &amp; Immunity - Health</i> , 2020, 2, 100046.	2.5	6
24	Extracellular Vesicle Biomarkers Reveal Inhibition of Neuroinflammation by Infliximab in Association with Antidepressant Response in Adults with Bipolar Depression. <i>Cells</i> , 2020, 9, 895.	4.1	36
25	Interactions between whole-body heating and citalopram on body temperature, antidepressant-like behaviour, and neurochemistry in adolescent male rats. <i>Behavioural Brain Research</i> , 2019, 359, 428-439.	2.2	3
26	Peripheral Alterations in Cytokine and Chemokine Levels After Antidepressant Drug Treatment for Major Depressive Disorder: Systematic Review and Meta-Analysis. <i>Molecular Neurobiology</i> , 2018, 55, 4195-4206.	4.0	279
27	An evolutionary perspective on nutrition and social decision making. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E1331.	7.1	2
28	The plasma interleukin-6 response to acute psychosocial stress in humans is detected by a magnetic multiplex assay: comparison to high-sensitivity ELISA. <i>Stress</i> , 2018, 21, 376-381.	1.8	12
29	Meditation buffers medical student compassion from the deleterious effects of depression. <i>Journal of Positive Psychology</i> , 2018, 13, 133-142.	4.0	54
30	Dispositional mindfulness in daily life: A naturalistic observation study. <i>PLoS ONE</i> , 2018, 13, e0206029.	2.5	22
31	Everything old is new again: are psychedelic medicines poised to take mental health by storm?. <i>Acta Psychiatrica Scandinavica</i> , 2018, 138, 365-367.	4.5	0
32	Childhood Microbial Experience, Immunoregulation, Inflammation, and Adult Susceptibility to Psychosocial Stressors and Depression. , 2018, , 17-44.		3
33	Interleukin (IL)-6: A good kid hanging out with bad friends (and why sauna is good for health). <i>Brain, Behavior, and Immunity</i> , 2018, 73, 1-2.	4.1	20
34	â€œEavesdropping on Happinessâ€Revisited: A Pooled, Multisample Replication of the Association Between Life Satisfaction and Observed Daily Conversation Quantity and Quality. <i>Psychological Science</i> , 2018, 29, 1451-1462.	3.3	48
35	C-reactive protein and response to lurasidone in patients with bipolar depression. <i>Brain, Behavior, and Immunity</i> , 2018, 73, 717-724.	4.1	26
36	Whole-Body Heating: An Emerging Therapeutic Approach to Treatment of Major Depressive Disorder. <i>Focus (American Psychiatric Publishing)</i> , 2018, 16, 259-265.	0.8	5

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37	Whole-body hyperthermia and a subthreshold dose of citalopram act synergistically to induce antidepressant-like behavioral responses in adolescent rats. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2017, 79, 162-168.	4.8	8
38	419. Inflammation in Treatment Resistant Depression: Challenges and Opportunities. <i>Biological Psychiatry</i> , 2017, 81, S171.	1.3	8
39	Natural language indicators of differential gene regulation in the human immune system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 12554-12559.	7.1	35
40	Pathogen-Host Defense in the Evolution of Depression: Insights into Epidemiology, Genetics, Bioregional Differences and Female Preponderance. <i>Neuropsychopharmacology</i> , 2017, 42, 5-27.	5.4	48
41	Cognitively Based Compassion Training. , 2017, , .		1
42	Dyadic coping and salivary interleukin-6 responses to interpersonal stress.. <i>Journal of Family Psychology</i> , 2017, 31, 367-373.	1.3	9
43	Influence of a 10-Day Mimic of Our Ancient Lifestyle on Anthropometrics and Parameters of Metabolism and Inflammation: The "Study of Origin". <i>BioMed Research International</i> , 2016, 2016, 1-9.	1.9	10
44	Immunization with a heat-killed preparation of the environmental bacterium <i>Mycobacterium vaccae</i> promotes stress resilience in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E3130-9.	7.1	186
45	Whole-Body Hyperthermia for the Treatment of Major Depressive Disorder. <i>JAMA Psychiatry</i> , 2016, 73, 789.	11.0	102
46	Hyperthermia for Major Depressive Disorder?"Reply. <i>JAMA Psychiatry</i> , 2016, 73, 1096.	11.0	1
47	The Microbiota, Immunoregulation, and Mental Health: Implications for Public Health. <i>Current Environmental Health Reports</i> , 2016, 3, 270-286.	6.7	150
48	The Promise and Limitations of Anti-Inflammatory Agents for the Treatment of Major Depressive Disorder. <i>Current Topics in Behavioral Neurosciences</i> , 2016, 31, 287-302.	1.7	24
49	Eavesdropping on character: Assessing everyday moral behaviors. <i>Journal of Research in Personality</i> , 2016, 61, 15-21.	1.7	46
50	Stress and the Immune System. , 2016, , 97-126.		11
51	Interferon-alpha-induced inflammation is associated with reduced glucocorticoid negative feedback sensitivity and depression in patients with hepatitis C virus. <i>Physiology and Behavior</i> , 2016, 166, 14-21.	2.1	38
52	The role of inflammation in depression: from evolutionary imperative to modern treatment target. <i>Nature Reviews Immunology</i> , 2016, 16, 22-34.	22.7	2,350
53	The neural mediators of kindness-based meditation: a theoretical model. <i>Frontiers in Psychology</i> , 2015, 6, 109.	2.1	36
54	Physical Activity Protects the Human Brain against Metabolic Stress Induced by a Postprandial and Chronic Inflammation. <i>Behavioural Neurology</i> , 2015, 2015, 1-11.	2.1	20

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55	Cingulate and Insula: The Pain in the Brain Is Not All the Same. <i>Biological Psychiatry</i> , 2015, 77, 205-206.	1.3	6
56	Are Anti-inflammatory Therapies Viable Treatments for Psychiatric Disorders?. <i>JAMA Psychiatry</i> , 2015, 72, 527.	11.0	87
57	Feasibility of Cognitively-Based Compassion Training (CBCT) for breast cancer survivors: a randomized, wait list controlled pilot study. <i>Supportive Care in Cancer</i> , 2015, 23, 3599-3608.	2.2	76
58	Inhibition of tumor necrosis factor improves sleep continuity in patients with treatment resistant depression and high inflammation. <i>Brain, Behavior, and Immunity</i> , 2015, 47, 193-200.	4.1	59
59	Hygiene and other early childhood influences on the subsequent function of the immune system. <i>Brain Research</i> , 2015, 1617, 47-62.	2.2	78
60	Role of Inflammation in Psychiatric Disease. , 2015, , 396-421.		4
61	Anti-Inflammatory Agents as Antidepressants: Truth or Dare. <i>Psychiatric Annals</i> , 2015, 45, 255-261.	0.1	3
62	Integrated Neurobiology of Bipolar Disorder. <i>Frontiers in Psychiatry</i> , 2014, 5, 98.	2.6	160
63	Microbiota, Immunoregulatory Old Friends and Psychiatric Disorders. <i>Advances in Experimental Medicine and Biology</i> , 2014, 817, 319-356.	1.6	96
64	Marital quality and diabetes: Results from the Health and Retirement Study.. <i>Health Psychology</i> , 2014, 33, 832-840.	1.6	34
65	Somatic influences on subjective well-being and affective disorders: the convergence of thermosensory and central serotonergic systems. <i>Frontiers in Psychology</i> , 2014, 5, 1580.	2.1	38
66	Inflammatory Depression: A Trifecta of Trouble. <i>Journal of Clinical Psychiatry</i> , 2014, 75, 663-664.	2.2	8
67	CYTOKINE TARGETS IN THE BRAIN: IMPACT ON NEUROTRANSMITTERS AND NEUROCIRCUITS. <i>Depression and Anxiety</i> , 2013, 30, 297-306.	4.1	589
68	Malaise, melancholia and madness: The evolutionary legacy of an inflammatory bias. <i>Brain, Behavior, and Immunity</i> , 2013, 31, 1-8.	4.1	85
69	Tyrosine metabolism during interferon-alpha administration: Association with fatigue and CSF dopamine concentrations. <i>Brain, Behavior, and Immunity</i> , 2013, 31, 153-160.	4.1	146
70	Role of Inflammation in Depression: Implications for Phenomenology, Pathophysiology and Treatment. <i>Modern Problems of Pharmacopsychiatry</i> , 2013, 28, 33-48.	2.5	72
71	Cognitive-Based Compassion Training: A Promising Prevention Strategy for At-Risk Adolescents. <i>Journal of Child and Family Studies</i> , 2013, 22, 219-230.	1.3	128
72	Pre-existing brain function predicts subsequent practice of mindfulness and compassion meditation. <i>NeuroImage</i> , 2013, 69, 35-42.	4.2	59

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73	Engagement with Cognitively-Based Compassion Training is associated with reduced salivary C-reactive protein from before to after training in foster care program adolescents. Psychoneuroendocrinology, 2013, 38, 294-299.	2.7	119
74	Integrative physiology of depression and antidepressant drug action: Implications for serotonergic mechanisms of action and novel therapeutic strategies for treatment of depression. , 2013, 137, 108-118.		50
75	Transcriptional signatures related to glucose and lipid metabolism predict treatment response to the tumor necrosis factor antagonist infliximab in patients with treatment-resistant depression. Brain, Behavior, and Immunity, 2013, 31, 205-215.	4.1	57
76	The Inventory of Callous and Unemotional Traits. Assessment, 2013, 20, 532-544.	3.1	52
77	Compassion meditation enhances empathic accuracy and related neural activity. Social Cognitive and Affective Neuroscience, 2013, 8, 48-55.	3.0	188
78	A Randomized Controlled Trial of the Tumor Necrosis Factor Antagonist Infliximab for Treatment-Resistant Depression. JAMA Psychiatry, 2013, 70, 31.	11.0	1,314
79	Childhood microbial experience, immunoregulation, inflammation and adult susceptibility to psychosocial stressors and depression in rich and poor countries. Evolution, Medicine and Public Health, 2013, 2013, 14-17.	2.5	36
80	Microbial "Old Friends"™, immunoregulation and stress resilience. Evolution, Medicine and Public Health, 2013, 2013, 46-64.	2.5	167
81	Whole-Body Hyperthermia for the Treatment of Major Depression: Associations With Thermoregulatory Cooling. American Journal of Psychiatry, 2013, 170, 802-804.	7.2	55
82	The evolutionary significance of depression in Pathogen Host Defense (PATHOS-D). Molecular Psychiatry, 2013, 18, 15-37.	7.9	202
83	Do cytokines really sing the blues?. Cerebrum: the Dana Forum on Brain Science, 2013, 2013, 10.	0.1	16
84	Neurobehavioral Effects of Interferon- $\alpha$ in Patients with Hepatitis-C: Symptom Dimensions and Responsiveness to Paroxetine. Neuropsychopharmacology, 2012, 37, 1444-1454.	5.4	51
85	Molecular signatures of peripheral blood mononuclear cells during chronic interferon- $\alpha$ treatment: relationship with depression and fatigue. Psychological Medicine, 2012, 42, 1591-1603.	4.5	53
86	Immune Disturbances in Chronic Pain: Cause, Consequence or Both?. Current Immunology Reviews, 2012, 8, 76-86.	1.2	1
87	Effects of mindful-attention and compassion meditation training on amygdala response to emotional stimuli in an ordinary, non-meditative state. Frontiers in Human Neuroscience, 2012, 6, 292.	2.0	283
88	Psychoneuroimmunology Meets Neuropsychopharmacology: Translational Implications of the Impact of Inflammation on Behavior. Neuropsychopharmacology, 2012, 37, 137-162.	5.4	785
89	Can we vaccinate against depression?. Drug Discovery Today, 2012, 17, 451-458.	6.4	34
90	Integrative physiology of antidepressant drug action. FASEB Journal, 2012, 26, 1079-8.	0.5	0

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91	Lymphocytes in neuroprotection, cognition and emotion: Is intolerance really the answer?. Brain, Behavior, and Immunity, 2011, 25, 591-601.	4.1	39
92	Early activation of p38 mitogen activated protein kinase is associated with interferon-alpha-induced depression and fatigue. Brain, Behavior, and Immunity, 2011, 25, 1094-1098.	4.1	38
93	Nocturia Associated With Depressive Symptoms. Urology, 2011, 77, 183-186.	1.0	23
94	Painful Diabetic Neuropathy is More than Pain Alone: Examining the Role of Anxiety and Depression as Mediators and Complicators. Current Diabetes Reports, 2011, 11, 275-284.	4.2	59
95	Is Depression an Inflammatory Disorder?. Current Psychiatry Reports, 2011, 13, 467-475.	4.5	439
96	Innate immune, neuroendocrine and behavioral responses to psychosocial stress do not predict subsequent compassion meditation practice time. Psychoneuroendocrinology, 2010, 35, 310-315.	2.7	68
97	Interferon- $\gamma$ effects on diurnal hypothalamic-pituitary-adrenal axis activity: relationship with proinflammatory cytokines and behavior. Molecular Psychiatry, 2010, 15, 535-547.	7.9	164
98	CSF concentrations of brain tryptophan and kynurenines during immune stimulation with IFN- $\gamma$ : relationship to CNS immune responses and depression. Molecular Psychiatry, 2010, 15, 393-403.	7.9	546
99	Chronic Interferon-Alpha Administration Disrupts Sleep Continuity and Depth in Patients with Hepatitis C: Association with Fatigue, Motor Slowing, and Increased Evening Cortisol. Biological Psychiatry, 2010, 68, 942-949.	1.3	106
100	Major Depression Drives Severity of American Urological Association Symptom Index. Urology, 2010, 76, 1317-1320.	1.0	29
101	Inflammation, Sanitation, and Consternation. Archives of General Psychiatry, 2010, 67, 1211.	12.3	153
102	Neurobiology of depression, fibromyalgia and neuropathic pain. Frontiers in Bioscience - Landmark, 2009, 14, 5291.	3.0	279
103	Effect of compassion meditation on neuroendocrine, innate immune and behavioral responses to psychosocial stress. Psychoneuroendocrinology, 2009, 34, 87-98.	2.7	548
104	Association of peripheral inflammatory markers with chronic fatigue in a population-based sample. Brain, Behavior, and Immunity, 2009, 23, 327-337.	4.1	104
105	Activation of Central Nervous System Inflammatory Pathways by Interferon-Alpha: Relationship to Monoamines and Depression. Biological Psychiatry, 2009, 65, 296-303.	1.3	315
106	Inflammation and Its Discontents: The Role of Cytokines in the Pathophysiology of Major Depression. Biological Psychiatry, 2009, 65, 732-741.	1.3	3,063
107	Psychiatric Comorbidity in Persons With Chronic Fatigue Syndrome Identified From the Georgia Population. Psychosomatic Medicine, 2009, 71, 557-565.	2.0	64
108	Shattered Shangri-la: differences in depressive and anxiety symptoms in students born in Tibet compared to Tibetan students born in exile. Social Psychiatry and Psychiatric Epidemiology, 2008, 43, 429-436.	3.1	10

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109	IFN-alpha-induced motor slowing is associated with increased depression and fatigue in patients with chronic hepatitis C. <i>Brain, Behavior, and Immunity</i> , 2008, 22, 870-880.	4.1	107
110	IMPACT OF DEPRESSION ON PERCEPTION OF VOIDING SYMPTOMS. <i>Journal of Urology</i> , 2008, 179, 112-113.	0.4	0
111	Immune System Contributions to the Pathophysiology of Depression. <i>Focus (American Psychiatric Association)</i> , 2008, 16, 10-16.	0.8	16
112	Endogenous glucocorticoids protect against TNF-alpha-induced increases in anxiety-like behavior in virally infected mice. <i>Molecular Psychiatry</i> , 2007, 12, 408-417.	7.9	70
113	Paroxetine for prevention of depressive symptoms induced by interferon-alpha and ribavirin for hepatitis C. <i>Alimentary Pharmacology and Therapeutics</i> , 2007, 25, 1163-1174.	3.7	130
114	Cytokines sing the blues: inflammation and the pathogenesis of depression. <i>Trends in Immunology</i> , 2006, 27, 24-31.	6.8	2,502
115	Cytokines, p38 MAP Kinase and the Pathophysiology of Depression. <i>Neuropsychopharmacology</i> , 2006, 31, 2089-2090.	5.4	34
116	Immunologic influences on emotion regulation. <i>Clinical Neuroscience Research</i> , 2005, 4, 325-333.	0.8	18
117	Promoter Polymorphisms of the Interferon- $\alpha$ Receptor Gene and Development of Interferon-Induced Depressive Symptoms in Patients with Chronic Hepatitis C: Preliminary Findings. <i>Neuropsychobiology</i> , 2005, 52, 55-61.	1.9	32
118	The Authors' Reply. <i>CNS Drugs</i> , 2005, 19, 721-722.	5.9	2
119	Depressive symptoms and viral clearance in patients receiving interferon- $\alpha$ and ribavirin for hepatitis C. <i>Brain, Behavior, and Immunity</i> , 2005, 19, 23-27.	4.1	137
120	Depressive symptoms and viral clearance: In response. <i>Brain, Behavior, and Immunity</i> , 2005, 19, 273-274.	4.1	3
121	Neuropsychiatric Adverse Effects of Interferon- $\alpha$ . <i>CNS Drugs</i> , 2005, 19, 105-123.	5.9	422
122	Depression During Pegylated Interferon-Alpha Plus Ribavirin Therapy. <i>Journal of Clinical Psychiatry</i> , 2005, 66, 41-48.	2.2	262
123	Ribavirin May Be an Important Factor in IFN-Induced Neuropsychiatric Effects. <i>Journal of Clinical Psychiatry</i> , 2004, 65, 581.	2.2	13
124	Depression in cancer: new developments regarding diagnosis and treatment. <i>Biological Psychiatry</i> , 2003, 54, 283-294.	1.3	287
125	When Not Enough Is Too Much: The Role of Insufficient Glucocorticoid Signaling in the Pathophysiology of Stress-Related Disorders. <i>American Journal of Psychiatry</i> , 2003, 160, 1554-1565.	7.2	1,007
126	Association of Exaggerated HPA Axis Response to the Initial Injection of Interferon-Alpha With Development of Depression During Interferon-Alpha Therapy. <i>American Journal of Psychiatry</i> , 2003, 160, 1342-1345.	7.2	285

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127	Antidepressant treatment of cytokine-induced mood disorders. <i>Acta Neuropsychiatrica</i> , 2002, 14, 336-343.	2.1	3
128	The neuroimmunology of stress and depression. <i>Seminars in Clinical Neuropsychiatry</i> , 2001, 6, 277-295.	1.9	86
129	The moon and madness reconsidered. <i>Journal of Affective Disorders</i> , 1999, 53, 99-106.	4.1	76
130	Successful Treatment of Clozapine-Induced Agranulocytosis With Granulocyte Colony-Stimulating Factor. <i>Journal of Clinical Psychopharmacology</i> , 1994, 14, 285.	1.4	10
131	Depression in cancer: pathophysiology at the mind-body interface. , 0, , 70-80.		0