James N Baraniuk

List of Publications by Year
in descending order

100	3,853	147726	128225
papers	citations	31 h-index	60 g-index

102	102	102	3104
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Rhinosinusitis: Establishing definitions for clinical research and patient care. Journal of Allergy and Clinical Immunology, 2004, 114, 155-212.	1.5	705
2	Otolaryngology-Head and Neck Surgery. Otolaryngology - Head and Neck Surgery, 2004, 131, 1-62.	1.1	343
3	The Pathophysiology of Rhinitis: II. Assessment of the Sources of Protein in Histamine-induced Nasal Secretions. The American Review of Respiratory Disease, 1989, 139, 791-800.	2.9	159
4	Substance P and Neurokinin A in Human Nasal Mucosa. American Journal of Respiratory Cell and Molecular Biology, 1991, 4, 228-236.	1.4	157
5	Cerebrospinal fluid levels of opioid peptides in fibromyalgia and chronic low back pain. BMC Musculoskeletal Disorders, 2004, 5, 48.	0.8	129
6	Pathophysiology of Rhinitis: 1. Assessment of the Sources of Protein in Methacholine-induced Nasal Secretions. The American Review of Respiratory Disease, 1988, 138, 413-420.	2.9	123
7	Identification of human nasal mucous proteins using proteomics. Proteomics, 2005, 5, 2949-2959.	1.3	113
8	Development and validation of a rhinoconjunctivitis and asthma symptom score for use as an outcome measure in clinical trialsâ˜†â˜†â˜†…. Journal of Allergy and Clinical Immunology, 1997, 100, 16-22.	1.5	94
9	Increased Brain White Matter Axial Diffusivity Associated with Fatigue, Pain and Hyperalgesia in Gulf War Illness. PLoS ONE, 2013, 8, e58493.	1.1	94
10	Cerebrospinal Fluid Corticotropin-Releasing Factor Concentration is Associated with Pain but not Fatigue Symptoms in Patients with Fibromyalgia. Neuropsychopharmacology, 2006, 31, 2776-2782.	2.8	89
11	Nasonasal reflexes, the nasal cycle, and sneeze. Current Allergy and Asthma Reports, 2007, 7, 105-111.	2.4	80
12	Upper airway neurogenic mechanisms. Current Opinion in Allergy and Clinical Immunology, 2002, 2, 11-19.	1.1	78
13	A chronic fatigue syndrome â€“ related proteome in human cerebrospinal fluid. BMC Neurology, 2005, 5, 22.	0.8	74
14	Exercise Challenge in Gulf War Illness Reveals Two Subgroups with Altered Brain Structure and Function. PLoS ONE, 2013, 8, e63903.	1.1	70
15	Neuropeptide Y (NPY) in Human Nasal Mucosa. American Journal of Respiratory Cell and Molecular Biology, 1990, 3, 165-173.	1.4	67
16	Rhinitis Symptoms in Chronic Fatigue Syndrome. Annals of Allergy, Asthma and Immunology, 1998, 81, 359-365.	0.5	64
17	Perennial Rhinitis Subjects Have Altered Vascular, Glandular, and Neural Responses to Bradykinin Nasal Provocation. International Archives of Allergy and Immunology, 1994, 103, 202-208.	0.9	55
18	Administer and collect medical questionnaires with Google documents: a simple, safe, and free system. Applied Medical Informatics, 2013, 33, 12-21.	1.0	47

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19	Subjective Nasal Fullness and Objective Congestion. Proceedings of the American Thoracic Society, 2011, 8, 62-69.	3.5	45
20	Migraine headaches in Chronic Fatigue Syndrome (CFS): Comparison of two prospective cross-sectional studies. BMC Neurology, 2011, 11, 30.	0.8	44
21	Rhinovirus infection induces mucus hypersecretion. American Journal of Physiology - Lung Cellular and Molecular Physiology, 1998, 274, L1017-L1023.	1.3	39
22	Neuropathology in Rhinosinusitis. American Journal of Respiratory and Critical Care Medicine, 2005, 171, 5-11.	2.5	39
23	Analysis of the sinusitis nasal lavage fluid proteome using capillary liquid chromatography interfaced to electrospray ionization-quadrupole time of flight- tandem mass spectrometry. Electrophoresis, 2004, 25, 1386-1393.	1.3	38
24	Neurogenic mechanisms in rhinosinusitis. Current Allergy and Asthma Reports, 2001, 1, 252-261.	2.4	36
25	Neural aspects of allergic rhinitis. Current Opinion in Otolaryngology and Head and Neck Surgery, 2007, 15, 268-273.	0.8	36
26	Density of Middle Turbinate Subepithelial Mucous Glands in Patients with Chronic Rhinosinusitis. Otolaryngology - Head and Neck Surgery, 2002, 127, 190-195.	1.1	35
27	Neuroregulation of Human Nasal Mucosa. Annals of the New York Academy of Sciences, 2009, 1170, 604-609.	1.8	34
28	Pathophysiological classification of chronic rhinosinusitis. Respiratory Research, 2005, 6, 149.	1.4	33
29	Therapeutic approaches to mucus hypersecretion. Current Allergy and Asthma Reports, 2005, 5, 243-251.	2.4	32
30	A Chronic Fatigue Syndrome (CFS) severity score based on case designation criteria. American Journal of Translational Research (discontinued), 2013, 5, 53-68.	0.0	32
31	Nasal Secretion Analysis in Allergic Rhinitis, Cystic Fibrosis, and Nonallergic Fibromyalgia/Chronic Fatigue Syndrome Subjects. American Journal of Rhinology & Allergy, 1998, 12, 435-440.	2.3	31
32	Nasal reflexes: Implications for exercise, breathing, and sex. Current Allergy and Asthma Reports, 2008, 8, 147-153.	2.4	31
33	Mechanisms of allergic rhinitis. Current Allergy and Asthma Reports, 2001, 1, 207-217.	2.4	28
34	Rhinorrhea, cough and fatigue in patients taking sitagliptin. Allergy, Asthma and Clinical Immunology, 2010, 6, 8.	0.9	28
35	Exercise â€“ induced changes in cerebrospinal fluid miRNAs in Gulf War Illness, Chronic Fatigue Syndrome and sedentary control subjects. Scientific Reports, 2017, 7, 15338.	1.6	28
36	The Low Glutamate Diet Effectively Improves Pain and Other Symptoms of Gulf War Illness. Nutrients, 2020, 12, 2593.	1.7	28

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37	Delayed-type hypersensitivity reaction to the meta-cresol component of insulin. Annals of Allergy, Asthma and Immunology, 2007, 99, 194-195.	0.5	26
38	Neural regulation of mucosal function. Pulmonary Pharmacology and Therapeutics, 2008, 21, 442-448.	1.1	26
39	Cytokines in nasal lavage fluids from acute sinusitis, allergic rhinitis, and chronic fatigue syndrome subjects. Allergy and Asthma Proceedings, 2002, 23, 185-90.	1.0	25
40	Chlorine inhalation produces nasal airflow limitation in allergic rhinitic subjects without evidence of neuropeptide release. Neuropeptides, 2004, 38, 351-358.	0.9	24
41	Effects of Substance P and Calcitonin Gene Related Peptide (CGRP) on Guinea Pig Nasal Mucosal Secretion in vivo. Acta Oto-Laryngologica, 1993, 113, 533-539.	0.3	22
42	Migraine in gulf war illness and chronic fatigue syndrome: prevalence, potential mechanisms, and evaluation. Frontiers in Physiology, 2013, 4, 181.	1.3	22
43	Prefrontal lactate predicts exercise-induced cognitive dysfunction in Gulf War Illness. American Journal of Translational Research (discontinued), 2013, 5, 212-23.	0.0	22
44	Pathogenic Mechanisms of Idiopathic Nonallergic Rhinitis. World Allergy Organization Journal, 2009, 2, 106-114.	1.6	21
45	In silico analysis of autoimmune diseases and genetic relationships to vaccination against infectious diseases. BMC Immunology, 2014, 15, 61.	0.9	21
46	Protein networks in induced sputum from smokers and COPD patients. International Journal of COPD, 2015, 10, 1957.	0.9	21
47	Nasal Reflexes. American Journal of Rhinology & Allergy, 1988, 2, 109-116.	2.3	20
48	Relationships among rhinitis, fibromyalgia, and chronic fatigue. Allergy and Asthma Proceedings, 2010, 31, 169-178.	1.0	20
49	Rise of the Sensors: Nociception and Pruritus. Current Allergy and Asthma Reports, 2012, 12, 104-114.	2.4	20
50	Orthostatic intolerance in chronic fatigue syndrome. Journal of Translational Medicine, 2019, 17, 185.	1.8	19
51	Localization of m3 Muscarinic Receptor mRNA in Human Nasal Mucosa. American Journal of Rhinology & Allergy, 1992, 6, 145-148.	2.3	17
52	Human nasal allergen provocation for determination of true allergic rhinitis: Methods for clinicians. Current Allergy and Asthma Reports, 2002, 2, 194-202.	2.4	15
53	Human neuroglobin protein in cerebrospinal fluid. Proteome Science, 2005, 3, 2.	0.7	15
54	Chronic fatigue syndrome in the emergency department. Open Access Emergency Medicine, 2019, Volume 11, 15-28.	0.6	15

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55	A Machine Learning Approach to the Differentiation of Functional Magnetic Resonance Imaging Data of Chronic Fatigue Syndrome (CFS) From a Sedentary Control. Frontiers in Computational Neuroscience, 2020, 14, 2.	1.2	15
56	Item Responsiveness of a Rhinitis and Asthma Symptom Score During a Pollen Season. Journal of Asthma, 1999, 36, 459-465.	0.9	14
57	A tale of two neurons in the upper airways: Pain versus itch. Current Allergy and Asthma Reports, 2003, 3, 215-220.	2.4	14
58	Chronic fatigue syndrome prevalence is grossly overestimated using Oxford criteria compared to Centers for Disease Control (Fukuda) criteria in a U.S. population study. Fatigue: Biomedicine, Health and Behavior, 2017, 5, 215-230.	1.2	14
59	Gulf War Illness Symptom Severity and Onset: A Cross-Sectional Survey. Military Medicine, 2020, 185, e1120-e1127.	0.4	14
60	Alpha-adrenergic mRNA subtype expression in the human nasal turbinate. Canadian Journal of Anaesthesia, 2007, 54, 549-555.	0.7	11
61	Exercise alters cerebellar and cortical activity related to working memory in phenotypes of Gulf War Illness. Brain Communications, 2020, 2, fcz039.	1.5	11
62	New concepts of neural regulation in human nasal mucosa. Acta Clinica Croatica, 2009, 48, 65-73.	0.1	11
63	Persistent nonallergic rhinosinusitis. Current Allergy and Asthma Reports, 2005, 5, 233-242.	2.4	10
64	Exercise alters brain activation in Gulf War Illness and Myalgic Encephalomyelitis/Chronic Fatigue Syndrome. Brain Communications, 2020, 2, fcaa070.	1.5	10
65	The low glutamate diet improves cognitive functioning in veterans with Gulf War Illness and resting-state EEG potentially predicts response. Nutritional Neuroscience, 2022, 25, 2247-2258.	1.5	10
66	Verification of exercise-induced transient postural tachycardia phenotype in Gulf War Illness. American Journal of Translational Research (discontinued), 2018, 10, 3254-3264.	0.0	10
67	Submaximal Exercise Provokes Increased Activation of the Anterior Default Mode Network During the Resting State as a Biomarker of Postexertional Malaise in Myalgic Encephalomyelitis/Chronic Fatigue Syndrome. Frontiers in Neuroscience, 2021, 15, 748426.	1.4	10
68	Irritant Rhinitis in Allergic, Nonallergic, Control and Chronic Fatigue Syndrome Populations. The Journal of Chronic Fatigue Syndrome: Multidisciplinary Innovations in Researchory and Clinical Practice, 2000, 7, 3-31.	0.4	9
69	Sensing the air around us: The voltage-gated-like ion channel family. Current Allergy and Asthma Reports, 2007, 7, 85-92.	2.4	9
70	The Sinus Headache Explained. Current Allergy and Asthma Reports, 2010, 10, 202-209.	2.4	9
71	Xenotropic Murine Leukemia Virus-Related Virus in Chronic Fatigue Syndrome and Prostate Cancer. Current Allergy and Asthma Reports, 2010, 10, 210-214.	2.4	8
72	Dyspnea in Chronic Fatigue Syndrome (CFS): Comparison of Two Prospective Cross-Sectional Studies. Global Journal of Health Science, 2012, 5, 94-110.	0.1	8

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73	Machine Learning Detects Pattern of Differences in Functional Magnetic Resonance Imaging (fMRI) Data between Chronic Fatigue Syndrome (CFS) and Gulf War Illness (GWI). Brain Sciences, 2020, 10, 456.	1.1	8
74	Effect of the low glutamate diet on inflammatory cytokines in veterans with Gulf War Illness (GWI): A pilot study. Life Sciences, 2021, 280, 119637.	2.0	8
75	Differential Effects of Exercise on fMRI of the Midbrain Ascending Arousal Network Nuclei in Myalgic Encephalomyelitis/Chronic Fatigue Syndrome (ME/CFS) and Gulf War Illness (GWI) in a Model of Postexertional Malaise (PEM). Brain Sciences, 2022, 12, 78.	1.1	8
76	Pollen Grain Column Chromatography: A Novel Method for Separation of Pollen Wall Solutes. Annals of Botany, 1990, 66, 321-329.	1.4	7
77	IgE Concentrations in Chronic Fatigue Syndrome. The Journal of Chronic Fatigue Syndrome: Multidisciplinary Innovations in Researchory and Clinical Practice, 1998, 4, 13-21.	0.4	7
78	Exercise challenge alters Default Mode Network dynamics in Gulf War Illness. BMC Neuroscience, 2019, 20, 7.	0.8	7
79	Systemic Hyperalgesia in Females with Gulf War Illness, Chronic Fatigue Syndrome and Fibromyalgia. Scientific Reports, 2020, 10, 5751.	1.6	7
80	The Effect of the Low Glutamate Diet on the Reduction of Psychiatric Symptoms in Veterans With Gulf War Illness: A Pilot Randomized-Controlled Trial. Frontiers in Psychiatry, 0, 13, .	1.3	7
81	Naloxone, Ethanol, and the Chlorpropamide Alcohol Flush. Alcoholism: Clinical and Experimental Research, 1987, 11, 518-520.	1.4	6
82	Exercise modifies glutamate and other metabolic biomarkers in cerebrospinal fluid from Gulf War Illness and Myalgic encephalomyelitis / Chronic Fatigue Syndrome. PLoS ONE, 2021, 16, e0244116.	1.1	6
83	Review of the Midbrain Ascending Arousal Network Nuclei and Implications for Myalgic Encephalomyelitis/Chronic Fatigue Syndrome (ME/CFS), Gulf War Illness (GWI) and Postexertional Malaise (PEM). Brain Sciences, 2022, 12, 132.	1.1	6
84	Subcortical brain segment volumes in Gulf War Illness and Myalgic Encephalomyelitis/Chronic Fatigue Syndrome. Life Sciences, 2021, 282, 119749.	2.0	5
85	Covariates of corticotropin-releasing hormone (CRH) concentrations in cerebrospinal fluid (CSF) from healthy humans. BMC Neuroscience, 2004, 5, 58.	0.8	4
86	The physician and hereditary angioedema friend or foe: 62-year diagnostic delay and iatrogenic procedures. Allergy, Asthma and Clinical Immunology, 2018, 14, 75.	0.9	4
87	Connectivity differences between Gulf War Illness (GWI) phenotypes during a test of attention. PLoS ONE, 2019, 14, e0226481.	1.1	4
88	Logistic Regression Algorithm Differentiates Gulf War Illness (GWI) Functional Magnetic Resonance Imaging (fMRI) Data from a Sedentary Control. Brain Sciences, 2020, 10, 319.	1.1	4
89	The nonallergic rhinitis of chronic fatigue syndrome. Clinical Allergy and Immunology, 2007, 19, 427-47.	0.7	4
90	Tobacco Sensitivity in Chronic Fatigue Syndrome (CFS). The Journal of Chronic Fatigue Syndrome: Multidisciplinary Innovations in Researchory and Clinical Practice, 2000, 7, 33-52.	0.4	3

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91	Chronic rhinosinusitis with glandular hypertrophy. Clinical Allergy and Immunology, 2007, 20, 121-46.	0.7	3
92	The placebo effect: Plugging the nostrils of unmet needs. Current Allergy and Asthma Reports, 2009, 9, 149-152.	2.4	2
93	Informatics Inference of Exercise-Induced Modulation of Brain Pathways Based on Cerebrospinal Fluid Micro-RNAs in Myalgic Encephalomyelitis/Chronic Fatigue Syndrome. Network and Systems Medicine, 2020, 3, 142-158.	2.7	2
94	The Nonallergic Rhinitis of Chronic Fatigue Syndrome. , 2009, , 81-97.		2
95	Understanding COVID-19 Pathogenesis: A Drug-Repurposing Effort to Disrupt Nsp-1 Binding to Export Machinery Receptor Complex. Pathogens, 2021, 10, 1634.	1.2	2
96	Enhancement of Histamine-Induced Vascular Permeability in Guinea Pigs Infected with Bordetella bronchiseptica. American Journal of Rhinology & Allergy, 1998, 12, 143-148.	2.3	1
97	CFTR antisense phosphorothioate oligodeoxynucleotides (S-ODns) induce tracheo-bronchial mucin (TBM) mRNA expression in human airway mucosa. Glycoconjugate Journal, 1999, 16, 7-11.	1.4	1
98	The Low Glutamate Diet Significantly Improves Pain and Other Symptoms in Veterans with Gulf War Illness. Current Developments in Nutrition, 2020, 4, nzaa057_027.	0.1	1
99	Proteomics of Sinusitis Nasal Lavage Fluid. , 2007, , 327-346.		1
100	Differentiating osteomeatal complex disease and chronic rhinosinusitis from nonallergic rhinitis. Clinical Allergy and Immunology, 2007, 19, 115-46.	0.7	1