Thomas Ritz

List of Publications by Year in descending order

125 papers	4,141 citations	101543 36 h-index	138484 58 g-index
127 all docs	127 docs citations	127 times ranked	3653 citing authors

#	Article	IF	Citations
1	Positive affect treatment for depression and anxiety: A randomized clinical trial for a core feature of anhedonia.. Journal of Consulting and Clinical Psychology, 2019, 87, 457-471.	2.0	234
2	Treatment for Anhedonia: A Neuroscience Driven Approach. Depression and Anxiety, 2016, 33, 927-938.	4.1	232
3	Emotions and Stress Increase Respiratory Resistance in Asthma. Psychosomatic Medicine, 2000, 62, 401-412.	2.0	142
4	Feedback of end-tidal pCO2 as a therapeutic approach for panic disorder. Journal of Psychiatric Research, 2008, 42, 560-568.	3.1	133
5	Association of depression and anxiety with health care use and quality of life in asthma patients. Respiratory Medicine, 2007, 101, 638-644.	2.9	118
6	Implementation and Interpretation of Respiratory Sinus Arrhythmia Measures in Psychosomatic Medicine: Practice Against Better Evidence?. Psychosomatic Medicine, 2006, 68, 617-627.	2.0	97
7	Hyperventilation in panic disorder and asthma: Empirical evidence and clinical strategies. International Journal of Psychophysiology, 2010, 78, 68-79.	1.0	92
8	Panic attack symptom dimensions and their relationship to illness characteristics in panic disorder. Journal of Psychiatric Research, 2006, 40, 520-527.	3.1	89
9	Guidelines for mechanical lung function measurements in psychophysiology. Psychophysiology, 2002, 39, 546-567.	2.4	87
10	Studying noninvasive indices of vagal control: The need for respiratory control and the problem of target specificity. Biological Psychology, 2009, 80, 158-168.	2.2	80
11	Do Unexpected Panic Attacks Occur Spontaneously?. Biological Psychiatry, 2011, 70, 985-991.	1.3	79
12	Emotion and Pulmonary Function in Asthma: Reactivity in the Field and Relationship With Laboratory Induction of Emotion. Psychosomatic Medicine, 2000, 62, 808-815.	2.0	77
13	Stress Effects on Lung Function in Asthma are Mediated by Changes in Airway Inflammation. Psychosomatic Medicine, 2008, 70, 468-475.	2.0	75
14	Maternal sensitivity and infant autonomic and endocrine stress responses. Early Human Development, 2014, 90, 377-385.	1.8	73
15	Breathing Training for Treating Panic Disorder. Behavior Modification, 2003, 27, 731-754.	1.6	70
16	Associations of Maternal Lifetime Trauma and Perinatal Traumatic Stress Symptoms With Infant Cardiorespiratory Reactivity to Psychological Challenge. Psychosomatic Medicine, 2009, 71, 607-614.	2.0	69
17	Childhood abuse is associated with increased hair cortisol levels among urban pregnant women. Journal of Epidemiology and Community Health, 2015, 69, 1169-1174.	3.7	68
18	Treatments for blood-injury-injection phobia: A critical review of current evidence. Journal of Psychiatric Research, 2009, 43, 1235-1242.	3.1	66

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19	Voluntary hyperventilation in the treatment of panic disorderâ€"functions of hyperventilation, their implications for breathing training, and recommendations for standardization. Clinical Psychology Review, 2005, 25, 285-306.	11.4	65
20	Lifetime exposure to traumatic and other stressful life events and hair cortisol in a multi-racial/ethnic sample of pregnant women. Stress, 2016, 19, 45-52.	1.8	63
21	The Asthma Trigger Inventory: Validation of a Questionnaire for Perceived Triggers of Asthma. Psychosomatic Medicine, 2006, 68, 956-965.	2.0	62
22	The psychophysiology of blood-injection-injury phobia: Looking beyond the diphasic response paradigm. International Journal of Psychophysiology, 2010, 78, 50-67.	1.0	61
23	Psychosocial factors and behavioral medicine interventions in asthma.. Journal of Consulting and Clinical Psychology, 2013, 81, 231-250.	2.0	61
24	Airway response to emotional stimuli in asthma: the role of the cholinergic pathway. Journal of Applied Physiology, 2010, 108, 1542-1549.	2.5	54
25	Panic Disorder Comorbidity with Medical Conditions and Treatment Implications. Annual Review of Clinical Psychology, 2017, 13, 209-240.	12.3	54
26	Modulation of respiratory sinus arrhythmia by respiration rate and volume: Stability across posture and volume variations. Psychophysiology, 2001, 38, 858-862.	2.4	53
27	Academic exam stress and depressive mood are associated with reductions in exhaled nitric oxide in healthy individuals. Biological Psychology, 2013, 93, 206-212.	2.2	53
28	Physical Activity, Lung Function, and Shortness of Breath in the Daily Life of Individuals With Asthma. Chest, 2010, 138, 913-918.	0.8	48
29	Stress, asthma, and respiratory infections: Pathways involving airway immunology and microbial endocrinology. Brain, Behavior, and Immunity, 2013, 29, 11-27.	4.1	47
30	Controlling Asthma by Training of Capnometry-Assisted Hypoventilation (CATCH) vs Slow Breathing. Chest, 2014, 146, 1237-1247.	0.8	46
31	Acute Stressâ€"induced Increases in Exhaled Nitric Oxide in Asthma and Their Association with Endogenous Cortisol. American Journal of Respiratory and Critical Care Medicine, 2011, 183, 26-30.	5.6	45
32	Effects of affective picture viewing and imagery on respiratory resistance in nonasthmatic individuals. Psychophysiology, 2002, 39, 86-94.	2.4	42
33	Airways, respiration, and respiratory sinus arrhythmia during picture viewing. Psychophysiology, 2005, 42, 050826083451001-???.	2.4	42
34	Respiratory resistance during emotional stimulation: evidence for a nonspecific effect of experienced arousal?. Biological Psychology, 2000, 52, 143-160.	2.2	40
35	Behavioral interventions in asthma. Journal of Psychosomatic Research, 2004, 56, 711-720.	2.6	40
36	End-Tidal pCO2 in Blood Phobics During Viewing of Emotion- and Disease-Related Films. Psychosomatic Medicine, 2005, 67, 661-668.	2.0	38

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37	Behavioral Interventions in Asthma. Behavior Modification, 2003, 27, 710-730.	1.6	37
38	Hippocampal metabolites in asthma and their implications for cognitive function. NeuroImage: Clinical, 2018, 19, 213-221.	2.7	37
39	The structure of symptom report in asthma. Journal of Psychosomatic Research, 2001, 51, 639-645.	2.6	35
40	Confrontation with blood and disgust stimuli precipitates respiratory dysregulation in bloodâ€“injectionâ€“injury phobia. Biological Psychology, 2010, 84, 88-97.	2.2	35
41	Experimentally induced emotions, facial muscle activity, and respiratory resistance in asthmatic and non-asthmatic individuals. The British Journal of Medical Psychology, 2001, 74, 167-182.	0.5	34
42	Airway responsiveness to psychological processes in asthma and health. Frontiers in Physiology, 2012, 3, 343.	2.8	34
43	Targeting pCO2 in Asthma: Pilot Evaluation of a Capnometry-Assisted Breathing Training. Applied Psychophysiology Biofeedback, 2007, 32, 99-109.	1.7	32
44	Effects of psychosocial stress on the pattern of salivary protein release. Physiology and Behavior, 2012, 105, 841-849.	2.1	32
45	Asthma Trigger Reports Are Associated with Low Quality of Life, Exacerbations, and Emergency Treatments. Annals of the American Thoracic Society, 2016, 13, 204-211.	3.2	32
46	Reliability and Validity of the Asthma Trigger Inventory Applied to a Pediatric Population. Journal of Pediatric Psychology, 2006, 32, 552-560.	2.1	30
47	Airway nitric oxide and psychological processes in asthma and health: a review. Annals of Allergy, Asthma and Immunology, 2014, 112, 302-308.	1.0	30
48	Probing the psychophysiology of the airways: Physical activity, experienced emotion, and facially expressed emotion. Psychophysiology, 2004, 41, 809-821.	2.4	29
49	Hyperventilation Symptoms are Linked to a Lower Perceived Health in Asthma Patients. Annals of Behavioral Medicine, 2008, 35, 97-104.	2.9	29
50	Perceived triggers of asthma: Evaluation of a German version of the Asthma Trigger Inventory. Respiratory Medicine, 2008, 102, 390-398.	2.9	28
51	Effects of Emotion and Stress on Lung Function in Health and Asthma. Current Respiratory Medicine Reviews, 2005, 1, 209-218.	0.2	27
52	Prevalence and correlates of asthma in children with internalizing psychopathology. Depression and Anxiety, 2006, 23, 502-508.	4.1	27
53	Do blood phobia patients hyperventilate during exposure by breathing faster, deeper, or both?. Depression and Anxiety, 2009, 26, E60-E67.	4.1	27
54	Discrepancies between lung function and asthma control: Asthma perception and association with demographics and anxiety. Allergy and Asthma Proceedings, 2012, 33, 500-507.	2.2	26

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55	Timing matters: Endogenous cortisol mediates benefits from early-day psychotherapy. Psychoneuroendocrinology, 2016, 74, 197-202.	2.7	25
56	Factor structure and psychometric properties of the english version of the trier inventory for chronic stress (TICS-E). BMC Medical Research Methodology, 2018, 18, 18.	3.1	25
57	Effects of static forehead and forearm muscle tension on total respiratory resistance in healthy and asthmatic participants. Psychophysiology, 1998, 35, 549-562.	2.4	24
58	Relaxation Therapy in Adult Asthma. Behavior Modification, 2001, 25, 640-666.	1.6	24
59	Respiratory Sinus Arrhythmia as an Index of Vagal Activity during Stress in Infants: Respiratory Influences and Their Control. PLoS ONE, 2012, 7, e52729.	2.5	24
60	Psychological triggers and hyperventilation symptoms in asthma. Annals of Allergy, Asthma and Immunology, 2008, 100, 426-432.	1.0	22
61	A MATLAB toolbox for correcting within-individual effects of respiration rate and tidal volume on respiratory sinus arrhythmia during variable breathing. Behavior Research Methods, 2009, 41, 1121-1126.	4.0	22
62	Changes in pCO2, Symptoms, and Lung Function of Asthma Patients During Capnometry-assisted Breathing Training. Applied Psychophysiology Biofeedback, 2009, 34, 1-6.	1.7	21
63	Stress-Induced Respiratory Pattern Changes in Asthma. Psychosomatic Medicine, 2011, 73, 514-521.	2.0	21
64	Central nervous system signatures of affect in asthma: associations with emotion-induced bronchoconstriction, airway inflammation, and asthma control. Journal of Applied Physiology, 2019, 126, 1725-1736.	2.5	21
65	Airway response to emotionâ€•and diseaseâ€specific films in asthma, blood phobia, and health. Psychophysiology, 2011, 48, 121-135.	2.4	20
66	Exhaled Nitric Oxide Decreases during Academic Examination Stress in Asthma. Annals of the American Thoracic Society, 2015, 12, 150908081522008.	3.2	20
67	Guidelines for mechanical lung function measurements in psychophysiology. Psychophysiology, 2002, 39, 546-67.	2.4	20
68	Predicting asthma control: The role of psychological triggers. Allergy and Asthma Proceedings, 2014, 35, 390-397.	2.2	19
69	Hypoventilation Therapy Alleviates Panic by Repeated Induction of Dyspnea. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2018, 3, 539-545.	1.5	19
70	Airway response of healthy individuals to affective picture series. International Journal of Psychophysiology, 2002, 46, 67-75.	1.0	18
71	Affective modulation of swallowing rates: Unpleasantness or arousal?. Journal of Psychosomatic Research, 2006, 61, 829-833.	2.6	18
72	Respiratory Muscle Tension as Symptom Generator in Individuals With High Anxiety Sensitivity. Psychosomatic Medicine, 2013, 75, 187-195.	2.0	18

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73	Increases in Exhaled Nitric Oxide After Acute Stress. Psychosomatic Medicine, 2014, 76, 716-725.	2.0	18
74	Acute ingestion of beetroot juice increases exhaled nitric oxide in healthy individuals. PLoS ONE, 2018, 13, e0191030.	2.5	18
75	Awareness of breathing: The structure of language descriptors of respiratory sensations.. Health Psychology, 2008, 27, 122-127.	1.6	15
76	Do asthma patients in general practice profit from a structured allergy evaluation and skin testing? A pilot study. Respiratory Medicine, 2003, 97, 1180-1187.	2.9	14
77	Daily mood, shortness of breath, and lung function in asthma: Concurrent and prospective associations. Journal of Psychosomatic Research, 2010, 69, 341-351.	2.6	14
78	Airway constriction in asthma during sustained emotional stimulation with films. Biological Psychology, 2012, 91, 8-16.	2.2	13
79	The effect of academic exam stress on mucosal and cellular airway immune markers among healthy and allergic individuals. Psychophysiology, 2013, 50, 5-14.	2.4	13
80	Respiration and applied tension strategies to reduce vasovagal reactions to blood donation: A randomized controlled trial. Transfusion, 2019, 59, 566-573.	1.6	13
81	Boosting nitric oxide in stress and respiratory infection: Potential relevance for asthma and COVID-19. Brain, Behavior, & Immunity - Health, 2021, 14, 100255.	2.5	13
82	Dependency of illness evaluation on the social comparison context: Findings with implicit measures of affective evaluation of asthma. British Journal of Health Psychology, 2010, 15, 401-416.	3.5	11
83	Cardiovascular activity in blood-injection-injury phobia during exposure: Evidence for diphasic response patterns?. Behaviour Research and Therapy, 2013, 51, 460-468.	3.1	11
84	Ultra-brief behavioral skills trainings for blood injection injury phobia. Depression and Anxiety, 2017, 34, 1096-1105.	4.1	11
85	Sympathetic and parasympathetic cardiac responses to phobiaâ€relevant and disgustâ€specific emotion provocation in bloodâ€injectionâ€injury phobia with and without fainting history. Psychophysiology, 2017, 54, 1512-1527.	2.4	11
86	Exhaled nitric oxide and vascular endothelial growth factor as predictors of cold symptoms after stress. Biological Psychology, 2018, 132, 116-124.	2.2	11
87	Beetroot juice supplementation for the prevention of cold symptoms associated with stress: A proof-of-concept study. Physiology and Behavior, 2019, 202, 45-51.	2.1	11
88	Fear and Coping in Students during the Early Stages of the COVID-19 Pandemic: A Combined Cross-Sectional and Longitudinal Study. International Journal of Environmental Research and Public Health, 2021, 18, 6551.	2.6	11
89	Gradients of Facial EMG and Cardiac Activity During Emotional Stimulation. Journal of Psychophysiology, 1999, 13, 3-17.	0.7	11
90	Sensitivity of salivary hydrogen sulfide to psychological stress and its association with exhaled nitric oxide and affect. Physiology and Behavior, 2017, 179, 99-104.	2.1	10

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91	Emotional reactivity of the airways in asthma: Consistency across emotion-induction techniques and emotional qualities. Biological Psychology, 2010, 84, 74-81.	2.2	9
92	Social support as a predictor exhaled nitric oxide in healthy individuals across time. International Journal of Psychophysiology, 2014, 93, 356-362.	1.0	9
93	Cortisol response to acute stress in asthma: Moderation by depressive mood. Physiology and Behavior, 2016, 159, 20-26.	2.1	9
94	Towards an assessment of perceived COPD exacerbation triggers: Initial development and validation of a questionnaire. Respirology, 2019, 24, 48-54.	2.3	9
95	Subcortical gray matter volumes in asthma: associations with asthma duration, control, and anxiety. Brain Imaging and Behavior, 2020, 14, 2341-2350.	2.1	9
96	Cardiac sympathetic activation and parasympathetic withdrawal during psychosocial stress exposure in 6â€•monthâ€•old infants. Psychophysiology, 2020, 57, e13673.	2.4	9
97	Stability of total respiratory resistance under multiple baseline conditions, isometric arm exercise and voluntary deep breathing. Biological Psychology, 1998, 49, 187-213.	2.2	8
98	Evaluation of a Respiratory Muscle Biofeedback Procedureâ€“Effects on Heart Rate and Dyspnea. Applied Psychophysiology Biofeedback, 2006, 31, 253-261.	1.7	8
99	Affective evaluation and cognitive structure of respiratory sensations in healthy individuals. British Journal of Health Psychology, 2009, 14, 751-765.	3.5	8
100	The Role of the Microbiome in the Relationship of Asthma and Affective Disorders. Advances in Experimental Medicine and Biology, 2016, 874, 263-288.	1.6	8
101	Increases in total respiratory resistance during forehead temperature stimulation. Biological Psychology, 2000, 55, 119-135.	2.2	7
102	Effects of respiratory and applied muscle tensing interventions on responses to a simulated blood draw among individuals with high needle fear. Journal of Behavioral Medicine, 2018, 41, 771-783.	2.1	7
103	Hypoventilation Training for Asthma: A Case Illustration. Applied Psychophysiology Biofeedback, 2012, 37, 63-72.	1.7	6
104	Chronic stress experience, sleep, and physical activity: Relations with change in negative affect and acute stress response to a naturalistic stressor. British Journal of Health Psychology, 2022, 27, 449-467.	3.5	6
105	Effects of academic exam stress on nasal leukotriene B4 and vascular endothelial growth factor in asthma and health. Biological Psychology, 2016, 118, 44-51.	2.2	5
106	Airway reactivity in response to repeated emotional film clip presentation in asthma. Biological Psychology, 2017, 123, 1-7.	2.2	5
107	A novel biomarker associated with distress in humans: calcium-binding protein, spermatid-specific 1 (CABS1). American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2017, 312, R1004-R1016.	1.8	5
108	Cortisol awakening response and fractional exhaled nitric oxide in asthma. Clinical and Experimental Allergy, 2019, 49, 1150-1153.	2.9	5

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109	A method to study protein biomarkers in saliva using an automated capillary nano-immunoassay platform (Wesâ„¢). Journal of Immunological Methods, 2020, 479, 112749.	1.4	5
110	Integrated and diurnal indices of maternal pregnancy cortisol in relation to sexâ€specific parasympathetic responsivity to stress in infants. Developmental Psychobiology, 2021, 63, 350-363.	1.6	5
111	Effects of affective picture viewing and imagery on respiratory resistance in nonasthmatic individuals. Psychophysiology, 2002, 39, 86-94.	2.4	5
112	Daily life negative mood and exhaled nitric oxide in asthma. Biological Psychology, 2016, 118, 176-183.	2.2	4
113	Hyperventilation as a Predictor of Blood Donationâ€"Related Vasovagal Symptoms. Psychosomatic Medicine, 2020, 82, 377-383.	2.0	4
114	Extrapulmonary symptoms of patients with asthma treated in specialist pulmonary care. Journal of Psychosomatic Research, 2021, 148, 110538.	2.6	4
115	Stress-induced cortisol reactivity as a predictor of success in treatment for affective dimensions. Psychoneuroendocrinology, 2020, 116, 104646.	2.7	3
116	Social Contagion of Vasovagal Symptoms in Blood Donors: Interactions With Empathy. Annals of Behavioral Medicine, 2022, 56, 645-653.	2.9	3
117	The effects of paced breathing on respiratory resistance are minimal in healthy individuals. Psychophysiology, 2009, 46, 1014-1019.	2.4	2
118	Evaluation of a Spanish language version of the Asthma Trigger Inventory. Journal of Asthma, 2021, 58, 825-833.	1.7	2
119	Psychophysiology of psychological disorders â€" Introduction to the special issue in the honor of Walton T. Roth. International Journal of Psychophysiology, 2010, 78, 1-2.	1.0	1
120	Introduction from the New Co-Editor-In-Chief, Thomas Ritz. Biological Psychology, 2021, 158, 108008.	2.2	1
121	Experimentally induced emotions, facial muscle activity, and respiratory resistance in asthmatic and non-asthmatic individuals. The British Journal of Medical Psychology, 2001, 74 Part 2, 167-182.	0.5	1
122	An apnea-hypothesis of anxiety generation: Novel, respiratory, and falsifiable. Biological Psychology, 2022, 170, 108304.	2.2	1
123	Social Support, Exhaled Nitric Oxide, and Upper Respiratory Symptoms in Health and Asthma. Biological Psychology, 2022, , 108362.	2.2	1
124	Editorial: Why fish and amphibians are important for biological psychologists. Biological Psychology, 2022, 172, 108383.	2.2	1
125	In Memoriam Michael D. Goldman, M.D.. Biological Psychology, 2010, 84, 161.	2.2	0