

Thomas Ritz

List of Publications by Year in descending order

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Version: 2024-02-01

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	Chronic stress experience, sleep, and physical activity: Relations with change in negative affect and acute stress response to a naturalistic stressor. <i>British Journal of Health Psychology</i> , 2022, 27, 449-467.	3.5	6
2	Social Contagion of Vasovagal Symptoms in Blood Donors: Interactions With Empathy. <i>Annals of Behavioral Medicine</i> , 2022, 56, 645-653.	2.9	3
3	An apnea-hypothesis of anxiety generation: Novel, respiratory, and falsifiable. <i>Biological Psychology</i> , 2022, 170, 108304.	2.2	1
4	Social Support, Exhaled Nitric Oxide, and Upper Respiratory Symptoms in Health and Asthma. <i>Biological Psychology</i> , 2022, , 108362.	2.2	1
5	Editorial: Why fish and amphibians are important for biological psychologists. <i>Biological Psychology</i> , 2022, 172, 108383.	2.2	1
6	Evaluation of a Spanish language version of the Asthma Trigger Inventory. <i>Journal of Asthma</i> , 2021, 58, 825-833.	1.7	2
7	Integrated and diurnal indices of maternal pregnancy cortisol in relation to sex-specific parasympathetic responsivity to stress in infants. <i>Developmental Psychobiology</i> , 2021, 63, 350-363.	1.6	5
8	Introduction from the New Co-Editor-In-Chief, Thomas Ritz. <i>Biological Psychology</i> , 2021, 158, 108008.	2.2	1
9	Fear and Coping in Students during the Early Stages of the COVID-19 Pandemic: A Combined Cross-Sectional and Longitudinal Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6551.	2.6	11
10	Boosting nitric oxide in stress and respiratory infection: Potential relevance for asthma and COVID-19. <i>Brain, Behavior, & Immunity - Health</i> , 2021, 14, 100255.	2.5	13
11	Extrapulmonary symptoms of patients with asthma treated in specialist pulmonary care. <i>Journal of Psychosomatic Research</i> , 2021, 148, 110538.	2.6	4
12	Subcortical gray matter volumes in asthma: associations with asthma duration, control, and anxiety. <i>Brain Imaging and Behavior</i> , 2020, 14, 2341-2350.	2.1	9
13	Hyperventilation as a Predictor of Blood Donation-Related Vasovagal Symptoms. <i>Psychosomatic Medicine</i> , 2020, 82, 377-383.	2.0	4
14	Cardiac sympathetic activation and parasympathetic withdrawal during psychosocial stress exposure in 6-month-old infants. <i>Psychophysiology</i> , 2020, 57, e13673.	2.4	9
15	Stress-induced cortisol reactivity as a predictor of success in treatment for affective dimensions. <i>Psychoneuroendocrinology</i> , 2020, 116, 104646.	2.7	3
16	A method to study protein biomarkers in saliva using an automated capillary nano-immunoassay platform (Wesâ„†). <i>Journal of Immunological Methods</i> , 2020, 479, 112749.	1.4	5
17	Towards an assessment of perceived COPD exacerbation triggers: Initial development and validation of a questionnaire. <i>Respirology</i> , 2019, 24, 48-54.	2.3	9
18	Beetroot juice supplementation for the prevention of cold symptoms associated with stress: A proof-of-concept study. <i>Physiology and Behavior</i> , 2019, 202, 45-51.	2.1	11

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19	Cortisol awakening response and fractional exhaled nitric oxide in asthma. <i>Clinical and Experimental Allergy</i> , 2019, 49, 1150-1153.	2.9	5
20	Central nervous system signatures of affect in asthma: associations with emotion-induced bronchoconstriction, airway inflammation, and asthma control. <i>Journal of Applied Physiology</i> , 2019, 126, 1725-1736.	2.5	21
21	Respiration and applied tension strategies to reduce vasovagal reactions to blood donation: A randomized controlled trial. <i>Transfusion</i> , 2019, 59, 566-573.	1.6	13
22	Positive affect treatment for depression and anxiety: A randomized clinical trial for a core feature of anhedonia. <i>Journal of Consulting and Clinical Psychology</i> , 2019, 87, 457-471.	2.0	234
23	Hypoventilation Therapy Alleviates Panic by Repeated Induction of Dyspnea. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2018, 3, 539-545.	1.5	19
24	Exhaled nitric oxide and vascular endothelial growth factor as predictors of cold symptoms after stress. <i>Biological Psychology</i> , 2018, 132, 116-124.	2.2	11
25	Hippocampal metabolites in asthma and their implications for cognitive function. <i>NeuroImage: Clinical</i> , 2018, 19, 213-221.	2.7	37
26	Factor structure and psychometric properties of the english version of the trier inventory for chronic stress (TICS-E). <i>BMC Medical Research Methodology</i> , 2018, 18, 18.	3.1	25
27	Effects of respiratory and applied muscle tensing interventions on responses to a simulated blood draw among individuals with high needle fear. <i>Journal of Behavioral Medicine</i> , 2018, 41, 771-783.	2.1	7
28	Acute ingestion of beetroot juice increases exhaled nitric oxide in healthy individuals. <i>PLoS ONE</i> , 2018, 13, e0191030.	2.5	18
29	Airway reactivity in response to repeated emotional film clip presentation in asthma. <i>Biological Psychology</i> , 2017, 123, 1-7.	2.2	5
30	A novel biomarker associated with distress in humans: calcium-binding protein, spermatid-specific 1 (CABS1). <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2017, 312, R1004-R1016.	1.8	5
31	Sensitivity of salivary hydrogen sulfide to psychological stress and its association with exhaled nitric oxide and affect. <i>Physiology and Behavior</i> , 2017, 179, 99-104.	2.1	10
32	Panic Disorder Comorbidity with Medical Conditions and Treatment Implications. <i>Annual Review of Clinical Psychology</i> , 2017, 13, 209-240.	12.3	54
33	Ultra-brief behavioral skills trainings for blood injection injury phobia. <i>Depression and Anxiety</i> , 2017, 34, 1096-1105.	4.1	11
34	Sympathetic and parasympathetic cardiac responses to phobia-relevant and disgust-specific emotion provocation in blood-injection-injury phobia with and without fainting history. <i>Psychophysiology</i> , 2017, 54, 1512-1527.	2.4	11
35	Asthma Trigger Reports Are Associated with Low Quality of Life, Exacerbations, and Emergency Treatments. <i>Annals of the American Thoracic Society</i> , 2016, 13, 204-211.	3.2	32
36	Effects of academic exam stress on nasal leukotriene B4 and vascular endothelial growth factor in asthma and health. <i>Biological Psychology</i> , 2016, 118, 44-51.	2.2	5

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37	Treatment for Anhedonia: A Neuroscience Driven Approach. <i>Depression and Anxiety</i> , 2016, 33, 927-938.	4.1	232
38	Timing matters: Endogenous cortisol mediates benefits from early-day psychotherapy. <i>Psychoneuroendocrinology</i> , 2016, 74, 197-202.	2.7	25
39	Daily life negative mood and exhaled nitric oxide in asthma. <i>Biological Psychology</i> , 2016, 118, 176-183.	2.2	4
40	Cortisol response to acute stress in asthma: Moderation by depressive mood. <i>Physiology and Behavior</i> , 2016, 159, 20-26.	2.1	9
41	Lifetime exposure to traumatic and other stressful life events and hair cortisol in a multi-racial/ethnic sample of pregnant women. <i>Stress</i> , 2016, 19, 45-52.	1.8	63
42	The Role of the Microbiome in the Relationship of Asthma and Affective Disorders. <i>Advances in Experimental Medicine and Biology</i> , 2016, 874, 263-288.	1.6	8
43	Childhood abuse is associated with increased hair cortisol levels among urban pregnant women. <i>Journal of Epidemiology and Community Health</i> , 2015, 69, 1169-1174.	3.7	68
44	Exhaled Nitric Oxide Decreases during Academic Examination Stress in Asthma. <i>Annals of the American Thoracic Society</i> , 2015, 12, 150908081522008.	3.2	20
45	Increases in Exhaled Nitric Oxide After Acute Stress. <i>Psychosomatic Medicine</i> , 2014, 76, 716-725.	2.0	18
46	Airway nitric oxide and psychological processes in asthma and health: a review. <i>Annals of Allergy, Asthma and Immunology</i> , 2014, 112, 302-308.	1.0	30
47	Maternal sensitivity and infant autonomic and endocrine stress responses. <i>Early Human Development</i> , 2014, 90, 377-385.	1.8	73
48	Social support as a predictor exhaled nitric oxide in healthy individuals across time. <i>International Journal of Psychophysiology</i> , 2014, 93, 356-362.	1.0	9
49	Controlling Asthma by Training of Capnometry-Assisted Hypoventilation (CATCH) vs Slow Breathing. <i>Chest</i> , 2014, 146, 1237-1247.	0.8	46
50	Predicting asthma control: The role of psychological triggers. <i>Allergy and Asthma Proceedings</i> , 2014, 35, 390-397.	2.2	19
51	Stress, asthma, and respiratory infections: Pathways involving airway immunology and microbial endocrinology. <i>Brain, Behavior, and Immunity</i> , 2013, 29, 11-27.	4.1	47
52	The effect of academic exam stress on mucosal and cellular airway immune markers among healthy and allergic individuals. <i>Psychophysiology</i> , 2013, 50, 5-14.	2.4	13
53	Cardiovascular activity in blood-injection-injury phobia during exposure: Evidence for diphasic response patterns?. <i>Behaviour Research and Therapy</i> , 2013, 51, 460-468.	3.1	11
54	Academic exam stress and depressive mood are associated with reductions in exhaled nitric oxide in healthy individuals. <i>Biological Psychology</i> , 2013, 93, 206-212.	2.2	53

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55	Respiratory Muscle Tension as Symptom Generator in Individuals With High Anxiety Sensitivity. <i>Psychosomatic Medicine</i> , 2013, 75, 187-195.	2.0	18
56	Psychosocial factors and behavioral medicine interventions in asthma.. <i>Journal of Consulting and Clinical Psychology</i> , 2013, 81, 231-250.	2.0	61
57	Airway responsiveness to psychological processes in asthma and health. <i>Frontiers in Physiology</i> , 2012, 3, 343.	2.8	34
58	Discrepancies between lung function and asthma control: Asthma perception and association with demographics and anxiety. <i>Allergy and Asthma Proceedings</i> , 2012, 33, 500-507.	2.2	26
59	Airway constriction in asthma during sustained emotional stimulation with films. <i>Biological Psychology</i> , 2012, 91, 8-16.	2.2	13
60	Effects of psychosocial stress on the pattern of salivary protein release. <i>Physiology and Behavior</i> , 2012, 105, 841-849.	2.1	32
61	Hypoventilation Training for Asthma: A Case Illustration. <i>Applied Psychophysiology Biofeedback</i> , 2012, 37, 63-72.	1.7	6
62	Respiratory Sinus Arrhythmia as an Index of Vagal Activity during Stress in Infants: Respiratory Influences and Their Control. <i>PLoS ONE</i> , 2012, 7, e52729.	2.5	24
63	Do Unexpected Panic Attacks Occur Spontaneously?. <i>Biological Psychiatry</i> , 2011, 70, 985-991.	1.3	79
64	Stress-Induced Respiratory Pattern Changes in Asthma. <i>Psychosomatic Medicine</i> , 2011, 73, 514-521.	2.0	21
65	Airway response to emotion- and disease-specific films in asthma, blood phobia, and health. <i>Psychophysiology</i> , 2011, 48, 121-135.	2.4	20
66	Acute Stress-induced Increases in Exhaled Nitric Oxide in Asthma and Their Association with Endogenous Cortisol. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 183, 26-30.	5.6	45
67	Airway response to emotional stimuli in asthma: the role of the cholinergic pathway. <i>Journal of Applied Physiology</i> , 2010, 108, 1542-1549.	2.5	54
68	Physical Activity, Lung Function, and Shortness of Breath in the Daily Life of Individuals With Asthma. <i>Chest</i> , 2010, 138, 913-918.	0.8	48
69	Hyperventilation in panic disorder and asthma: Empirical evidence and clinical strategies. <i>International Journal of Psychophysiology</i> , 2010, 78, 68-79.	1.0	92
70	The psychophysiology of blood-injection-injury phobia: Looking beyond the diphasic response paradigm. <i>International Journal of Psychophysiology</i> , 2010, 78, 50-67.	1.0	61
71	Psychophysiology of psychological disorders – Introduction to the special issue in the honor of Walton T. Roth. <i>International Journal of Psychophysiology</i> , 2010, 78, 1-2.	1.0	1
72	Daily mood, shortness of breath, and lung function in asthma: Concurrent and prospective associations. <i>Journal of Psychosomatic Research</i> , 2010, 69, 341-351.	2.6	14

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73	Confrontation with blood and disgust stimuli precipitates respiratory dysregulation in bloodâ€injectionâ€injury phobia. <i>Biological Psychology</i> , 2010, 84, 88-97.	2.2	35
74	Emotional reactivity of the airways in asthma: Consistency across emotion-induction techniques and emotional qualities. <i>Biological Psychology</i> , 2010, 84, 74-81.	2.2	9
75	In Memoriam Michael D. Goldman, M.D.. <i>Biological Psychology</i> , 2010, 84, 161.	2.2	0
76	Dependency of illness evaluation on the social comparison context: Findings with implicit measures of affective evaluation of asthma. <i>British Journal of Health Psychology</i> , 2010, 15, 401-416.	3.5	11
77	Treatments for blood-injury-injection phobia: A critical review of current evidence. <i>Journal of Psychiatric Research</i> , 2009, 43, 1235-1242.	3.1	66
78	Do blood phobia patients hyperventilate during exposure by breathing faster, deeper, or both?. <i>Depression and Anxiety</i> , 2009, 26, E60-E67.	4.1	27
79	Changes in pCO ₂ , Symptoms, and Lung Function of Asthma Patients During Capnometry-assisted Breathing Training. <i>Applied Psychophysiology Biofeedback</i> , 2009, 34, 1-6.	1.7	21
80	The effects of paced breathing on respiratory resistance are minimal in healthy individuals. <i>Psychophysiology</i> , 2009, 46, 1014-1019.	2.4	2
81	Affective evaluation and cognitive structure of respiratory sensations in healthy individuals. <i>British Journal of Health Psychology</i> , 2009, 14, 751-765.	3.5	8
82	A MATLAB toolbox for correcting within-individual effects of respiration rate and tidal volume on respiratory sinus arrhythmia during variable breathing. <i>Behavior Research Methods</i> , 2009, 41, 1121-1126.	4.0	22
83	Studying noninvasive indices of vagal control: The need for respiratory control and the problem of target specificity. <i>Biological Psychology</i> , 2009, 80, 158-168.	2.2	80
84	Associations of Maternal Lifetime Trauma and Perinatal Traumatic Stress Symptoms With Infant Cardiorespiratory Reactivity to Psychological Challenge. <i>Psychosomatic Medicine</i> , 2009, 71, 607-614.	2.0	69
85	Hyperventilation Symptoms are Linked to a Lower Perceived Health in Asthma Patients. <i>Annals of Behavioral Medicine</i> , 2008, 35, 97-104.	2.9	29
86	Feedback of end-tidal pCO ₂ as a therapeutic approach for panic disorder. <i>Journal of Psychiatric Research</i> , 2008, 42, 560-568.	3.1	133
87	Psychological triggers and hyperventilation symptoms in asthma. <i>Annals of Allergy, Asthma and Immunology</i> , 2008, 100, 426-432.	1.0	22
88	Perceived triggers of asthma: Evaluation of a German version of the Asthma Trigger Inventory. <i>Respiratory Medicine</i> , 2008, 102, 390-398.	2.9	28
89	Awareness of breathing: The structure of language descriptors of respiratory sensations.. <i>Health Psychology</i> , 2008, 27, 122-127.	1.6	15
90	Stress Effects on Lung Function in Asthma are Mediated by Changes in Airway Inflammation. <i>Psychosomatic Medicine</i> , 2008, 70, 468-475.	2.0	75

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91	Association of depression and anxiety with health care use and quality of life in asthma patients. <i>Respiratory Medicine</i> , 2007, 101, 638-644.	2.9	118
92	Targeting pCO ₂ in Asthma: Pilot Evaluation of a Capnometry-Assisted Breathing Training. <i>Applied Psychophysiology Biofeedback</i> , 2007, 32, 99-109.	1.7	32
93	Affective modulation of swallowing rates: Unpleasantness or arousal?. <i>Journal of Psychosomatic Research</i> , 2006, 61, 829-833.	2.6	18
94	The Asthma Trigger Inventory: Validation of a Questionnaire for Perceived Triggers of Asthma. <i>Psychosomatic Medicine</i> , 2006, 68, 956-965.	2.0	62
95	Implementation and Interpretation of Respiratory Sinus Arrhythmia Measures in Psychosomatic Medicine: Practice Against Better Evidence?. <i>Psychosomatic Medicine</i> , 2006, 68, 617-627.	2.0	97
96	Evaluation of a Respiratory Muscle Biofeedback Procedureâ€œEffects on Heart Rate and Dyspnea. <i>Applied Psychophysiology Biofeedback</i> , 2006, 31, 253-261.	1.7	8
97	Panic attack symptom dimensions and their relationship to illness characteristics in panic disorder. <i>Journal of Psychiatric Research</i> , 2006, 40, 520-527.	3.1	89
98	Prevalence and correlates of asthma in children with internalizing psychopathology. <i>Depression and Anxiety</i> , 2006, 23, 502-508.	4.1	27
99	Reliability and Validity of the Asthma Trigger Inventory Applied to a Pediatric Population. <i>Journal of Pediatric Psychology</i> , 2006, 32, 552-560.	2.1	30
100	End-Tidal pCO ₂ in Blood Phobics During Viewing of Emotion- and Disease-Related Films. <i>Psychosomatic Medicine</i> , 2005, 67, 661-668.	2.0	38
101	Airways, respiration, and respiratory sinus arrhythmia during picture viewing. <i>Psychophysiology</i> , 2005, 42, 050826083451001-???	2.4	42
102	Effects of Emotion and Stress on Lung Function in Health and Asthma. <i>Current Respiratory Medicine Reviews</i> , 2005, 1, 209-218.	0.2	27
103	Voluntary hyperventilation in the treatment of panic disorderâ€œfunctions of hyperventilation, their implications for breathing training, and recommendations for standardization. <i>Clinical Psychology Review</i> , 2005, 25, 285-306.	11.4	65
104	Probing the psychophysiology of the airways: Physical activity, experienced emotion, and facially expressed emotion. <i>Psychophysiology</i> , 2004, 41, 809-821.	2.4	29
105	Behavioral interventions in asthma. <i>Journal of Psychosomatic Research</i> , 2004, 56, 711-720.	2.6	40
106	Do asthma patients in general practice profit from a structured allergy evaluation and skin testing? A pilot study. <i>Respiratory Medicine</i> , 2003, 97, 1180-1187.	2.9	14
107	Breathing Training for Treating Panic Disorder. <i>Behavior Modification</i> , 2003, 27, 731-754.	1.6	70
108	Behavioral Interventions in Asthma. <i>Behavior Modification</i> , 2003, 27, 710-730.	1.6	37

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109	Airway response of healthy individuals to affective picture series. <i>International Journal of Psychophysiology</i> , 2002, 46, 67-75.	1.0	18
110	Effects of affective picture viewing and imagery on respiratory resistance in nonasthmatic individuals. <i>Psychophysiology</i> , 2002, 39, 86-94.	2.4	42
111	Guidelines for mechanical lung function measurements in psychophysiology. <i>Psychophysiology</i> , 2002, 39, 546-567.	2.4	87
112	Effects of affective picture viewing and imagery on respiratory resistance in nonasthmatic individuals. <i>Psychophysiology</i> , 2002, 39, 86-94.	2.4	5
113	Guidelines for mechanical lung function measurements in psychophysiology. <i>Psychophysiology</i> , 2002, 39, 546-67.	2.4	20
114	The structure of symptom report in asthma. <i>Journal of Psychosomatic Research</i> , 2001, 51, 639-645.	2.6	35
115	Experimentally induced emotions, facial muscle activity, and respiratory resistance in asthmatic and non-asthmatic individuals. <i>The British Journal of Medical Psychology</i> , 2001, 74, 167-182.	0.5	34
116	Modulation of respiratory sinus arrhythmia by respiration rate and volume: Stability across posture and volume variations. <i>Psychophysiology</i> , 2001, 38, 858-862.	2.4	53
117	Relaxation Therapy in Adult Asthma. <i>Behavior Modification</i> , 2001, 25, 640-666.	1.6	24
118	Experimentally induced emotions, facial muscle activity, and respiratory resistance in asthmatic and non-asthmatic individuals. <i>The British Journal of Medical Psychology</i> , 2001, 74 Part 2, 167-182.	0.5	1
119	Emotions and Stress Increase Respiratory Resistance in Asthma. <i>Psychosomatic Medicine</i> , 2000, 62, 401-412.	2.0	142
120	Emotion and Pulmonary Function in Asthma: Reactivity in the Field and Relationship With Laboratory Induction of Emotion. <i>Psychosomatic Medicine</i> , 2000, 62, 808-815.	2.0	77
121	Increases in total respiratory resistance during forehead temperature stimulation. <i>Biological Psychology</i> , 2000, 55, 119-135.	2.2	7
122	Respiratory resistance during emotional stimulation: evidence for a nonspecific effect of experienced arousal?. <i>Biological Psychology</i> , 2000, 52, 143-160.	2.2	40
123	Gradients of Facial EMG and Cardiac Activity During Emotional Stimulation. <i>Journal of Psychophysiology</i> , 1999, 13, 3-17.	0.7	11
124	Effects of static forehead and forearm muscle tension on total respiratory resistance in healthy and asthmatic participants. <i>Psychophysiology</i> , 1998, 35, 549-562.	2.4	24
125	Stability of total respiratory resistance under multiple baseline conditions, isometric arm exercise and voluntary deep breathing. <i>Biological Psychology</i> , 1998, 49, 187-213.	2.2	8