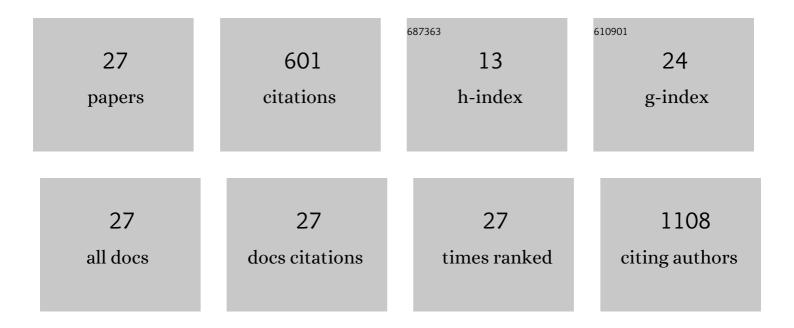
Rebecca J Theilmann

List of Publications by Year in descending order

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RERECCA LTHEUMANN

#	Article	IF	CITATIONS
1	Prone positioning redistributes gravitational stress in the lung in normal conditions and in simulations of oedema. Experimental Physiology, 2022, 107, 771-782.	2.0	8
2	Detection of Chronic Blast-Related Mild Traumatic Brain Injury with Diffusion Tensor Imaging and Support Vector Machines. Diagnostics, 2022, 12, 987.	2.6	6
3	Nitrogen-based lung clearance index: a valid physiological biomarker for the clinic. Journal of Applied Physiology, 2022, , .	2.5	1
4	Abnormal pulmonary perfusion heterogeneity in patients with Fontan circulation and pulmonary arterial hypertension. Journal of Physiology, 2021, 599, 343-356.	2.9	4
5	Aging-Related Differences in Structural and Functional Interhemispheric Connectivity. Cerebral Cortex, 2021, , .	2.9	0
6	Pathogenesis of obstructive sleep apnea in people living with HIV. Journal of Applied Physiology, 2021, 131, 1671-1678.	2.5	7
7	Quantitative Mapping of Specific Ventilation in the Human Lung using Proton Magnetic Resonance Imaging and Oxygen as a Contrast Agent. Journal of Visualized Experiments, 2019, , .	0.3	2
8	Regional pulmonary perfusion patterns in humans are not significantly altered by inspiratory hypercapnia. Journal of Applied Physiology, 2019, 127, 365-375.	2.5	7
9	Diffusion tractography reveals pervasive asymmetry of cerebral white matter tracts in the bottlenose dolphin (Tursiops truncatus). Brain Structure and Function, 2018, 223, 1697-1711.	2.3	20
10	Altered Functional Interactions of Inhibition Regions in Cognitively Normal Parkinson's Disease. Frontiers in Aging Neuroscience, 2018, 10, 331.	3.4	10
11	The spatial pattern of methacholine bronchoconstriction recurs when supine independently of posture during provocation but does not recur between postures. Journal of Applied Physiology, 2018, 125, 1720-1730.	2.5	5
12	Pain-related white matter tract abnormalities in mild traumatic brain injury patients with persistent headache. Molecular Pain, 2018, 14, 174480691881029.	2.1	22
13	Upper airway dynamic imaging during tidal breathing in awake and asleep subjects with obstructive sleep apnea and healthy controls. Physiological Reports, 2018, 6, e13711.	1.7	20
14	Steeper Slope of Age-Related Changes in White Matter Microstructure and Processing Speed in Bipolar Disorder. American Journal of Geriatric Psychiatry, 2017, 25, 744-752.	1.2	22
15	Measurement of the distribution of ventilation-perfusion ratios in the human lung with proton MRI: comparison with the multiple inert-gas elimination technique. Journal of Applied Physiology, 2017, 123, 136-146.	2.5	20
16	Susceptibility to high-altitude pulmonary edema is associated with a more uniform distribution of regional specific ventilation. Journal of Applied Physiology, 2017, 122, 844-852.	2.5	7
17	The effect of lung deformation on the spatial distribution of pulmonary blood flow. Journal of Physiology, 2016, 594, 6333-6347.	2.9	5
18	Characterizing Lung Disease in Cystic Fibrosis with Magnetic Resonance Imaging and Airway Physiology. PLoS ONE, 2016, 11, e0157177.	2.5	7

REBECCA J THEILMANN

#	Article	IF	CITATIONS
19	Fusing Functional MRI and Diffusion Tensor Imaging Measures of Brain Function and Structure to Predict Working Memory and Processing Speed Performance among Inter-episode Bipolar Patients. Journal of the International Neuropsychological Society, 2015, 21, 330-341.	1.8	40
20	ISDN2014_0429: Network inefficiencies and brain overgrowth in autism spectrum disorder. International Journal of Developmental Neuroscience, 2015, 47, 129-129.	1.6	0
21	Inhaled nitric oxide alters the distribution of blood flow in the healthy human lung, suggesting active hypoxic pulmonary vasoconstriction in normoxia. Journal of Applied Physiology, 2015, 118, 331-343.	2.5	30
22	Voxel-wise resting-state MEG source magnitude imaging study reveals neurocircuitry abnormality in active-duty service members and veterans with PTSD. NeuroImage: Clinical, 2014, 5, 408-419.	2.7	62
23	Single-subject-based whole-brain MEG slow-wave imaging approach for detecting abnormality in patients with mild traumatic brain injury. NeuroImage: Clinical, 2014, 5, 109-119.	2.7	85
24	White-Matter Changes Correlate with Cognitive Functioning in Parkinson's Disease. Frontiers in Neurology, 2013, 4, 37.	2.4	53
25	Network efficiency in autism spectrum disorder and its relation to brain overgrowth. Frontiers in Human Neuroscience, 2013, 7, 845.	2.0	40
26	Measuring lung water: Ex vivo validation of multiâ€image gradient echo MRI. Journal of Magnetic Resonance Imaging, 2011, 34, 220-224.	3.4	31
27	Quantitative MRI measurement of lung density must account for the change in <i>T</i> with lung inflation. Journal of Magnetic Resonance Imaging, 2009, 30, 527-534.	3.4	87