Michael J Decker

List of Publications by Year
in descending order

55 papers	2,106 citations	304743 22 h-index	289244 40 g-index
58 all docs	58 docs citations	58 times ranked	2351 citing authors

#	Article	IF	Citations
1	Hemoglobin concentration of high-altitude Tibetans and Bolivian Aymara. , 1998, 106, 385-400.		246
2	An Ethiopian pattern of human adaptation to high-altitude hypoxia. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 17215-17218.	7.1	216
3	Ventilation and hypoxic ventilatory response of Tibetan and Aymara high altitude natives. , 1997, 104, 427-447.		190
4	Higher heart rate and reduced heart rate variability persist during sleep in chronic fatigue syndrome: A population-based study. Autonomic Neuroscience: Basic and Clinical, 2007, 137, 94-101.	2.8	117
5	Role of hypoxemia in sleep apnea-induced sympathoexcitation. Journal of the Autonomic Nervous System, 1996, 56, 184-190.	1.9	115
6	Episodic neonatal hypoxia evokes executive dysfunction and regionally specific alterations in markers of dopamine signaling. Neuroscience, 2003, 117, 417-425.	2.3	113
7	Functional electrical stimulation and respiration during sleep. Journal of Applied Physiology, 1993, 75, 1053-1061.	2.5	77
8	Percent of oxygen saturation of arterial hemoglobin among Bolivian Aymara at 3,900-4,000 m. , 1999, 108, 41-51.		75
9	Reduced Extracellular Dopamine and Increased Responsiveness to Novelty: Neurochemical and Behavioral Sequelae of Intermittent Hypoxia. Sleep, 2005, 28, 169-176.	1.1	71
10	The role of muscarinic acetylcholine receptor-mediated activation of extracellular signal-regulated kinase 1/2 in pilocarpine-induced seizures. Journal of Neurochemistry, 2002, 82, 192-201.	3.9	66
11	Sleep characteristics of persons with chronic fatigue syndrome and non-fatigued controls: results from a population-based study. BMC Neurology, 2006, 6, 41.	1.8	63
12	Diurnal variations in serum erythropoietin levels in healthy subjects and sleep apnea patients. Journal of Applied Physiology, 1992, 72, 2112-2117.	2.5	53
13	Neonatal Intermittent Hypoxia Impairs Dopamine Signaling and Executive Functioning. Sleep and Breathing, 2002, 06, 205-210.	1.7	51
14	Altered sleep regulation in a mouse model of <scp>SCN1A</scp>â€derived genetic epilepsy with febrile seizures plus (<scp>GEFS</scp>+). Epilepsia, 2013, 54, 625-634.	5.1	45
15	Perception versus polysomnographic assessment of sleep in CFS and non-fatigued control subjects: results from a population-based study. BMC Neurology, 2007, 7, 40.	1.8	44
16	Physical activity is associated with reduced fatigue in adults living with <scp>HIV</scp>/<scp>AIDS</scp>. Journal of Advanced Nursing, 2016, 72, 3104-3112.	3.3	40
17	The Effects of an Afternoon Nap on Episodic Memory in Young and Older Adults. Sleep, 2017, 40, .	1.1	38
18	Ambulatory Monitoring of Arterial Oxygen Saturation. Chest, 1989, 95, 717-722.	0.8	36

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19	Agreement between Noninvasive Oximetric Values for Oxygen Saturation. Chest, 1990, 97, 814-819.	0.8	35
20	Electroencephalographic correlates of Chronic Fatigue Syndrome. Behavioral and Brain Functions, 2009, 5, 43.	3.3	33
21	Erythropoietin levels with treatment of obstructive sleep apnea. Journal of Applied Physiology, 1995, 79, 1278-1285.	2.5	31
22	Nasal flow-resistive responses to challenge with cold dry air. Journal of Applied Physiology, 1992, 72, 1243-1246.	2.5	30
23	Arterial oxygen saturation over time and sleep studies in quadriplegic patients. Spinal Cord, 1993, 31, 172-179.	1.9	28
24	Neonatal Intermittent Hypoxia Impairs Dopamine Signaling and Executive Functioning. Sleep and Breathing, 2002, 6, 205-210.	1.7	25
25	Arterial oxygen saturation in chronic congestive heart failure. American Journal of Cardiology, 1994, 73, 180-185.	1.6	24
26	Breathing and Sleep: Measurement Methods, Genetic Influences, and Developmental Impacts. ILAR Journal, 2009, 50, 248-261.	1.8	22
27	Scn1a dysfunction alters behavior but not the effect of stress on seizure response. Genes, Brain and Behavior, 2016, 15, 335-347.	2.2	19
28	Validation of ECG-derived sleep architecture and ventilation in sleep apnea and chronic fatigue syndrome. Sleep and Breathing, 2010, 14, 233-239.	1.7	18
29	Biochemical Morbidity in Sleep Apnea. Ear, Nose and Throat Journal, 1993, 72, 34-41.	0.8	17
30	The nasal response to exercise and exercise induced bronchoconstriction in normal and asthmatic subjects.. Thorax, 1988, 43, 890-895.	5.6	16
31	Hypersomnolence and Sleep-related Complaints in Metropolitan, Urban, and Rural Georgia. American Journal of Epidemiology, 2008, 169, 435-443.	3.4	16
32	Blood pressure variation among Ethiopians on the Simien Plateau. Annals of Human Biology, 1997, 24, 333-342.	1.0	15
33	Extended Monitoring of Oxygen Saturation in Chronic Lung Disease. Chest, 1992, 102, 1075-1079.	0.8	13
34	Circadian Activity Rhythms for Mothers with an Infant in ICU. Frontiers in Neurology, 2010, 1, 155.	2.4	13
35	Growth Deficiency in Cystic Fibrosis Is Observable at Birth and Predictive of Early Pulmonary Function. Biological Research for Nursing, 2016, 18, 498-504.	1.9	13
36	Neurovascular and cortical responses to hyperoxia: enhanced cognition and electroencephalographic activity despite reduced perfusion. Journal of Physiology, 2020, 598, 3941-3956.	2.9	13

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37	Elevated serotonergic signaling amplifies synaptic noise and facilitates the emergence of epileptiform network oscillations. Journal of Neurophysiology, 2014, 112, 2357-2373.	1.8	11
38	Keep the Airway Open and Let the Brain Sleep. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 1207-1209.	5.6	11
39	Medical Student Competence in Eliciting a History for â€œChronic Fatigueâ€. Sleep and Breathing, 2001, 5, 123-129.	1.7	8
40	C57BL/6J mouse apolipoprotein A2 gene is deterministic for apnea. Respiratory Physiology and Neurobiology, 2017, 235, 88-94.	1.6	8
41	Maternal dietary supplementation with omega-3 polyunsaturated fatty acids confers neuroprotection to the newborn against hypoxia-induced dopamine dysfunction. Sleep Science, 2016, 9, 94-99.	1.0	5
42	Validity of Self-Reported Body Mass Index and Sleeping Problems Among Adult Population of Georgia. The Open Obesity Journal, 2010, 2, 145-150.	0.1	5
43	Mild Intermittent Hypoxia Does Not Induce Stress Responses in the Neonatal Rat Brain. Neonatology, 2005, 88, 313-320.	2.0	4
44	Postnatal hypoxia evokes persistent changes within the male ratâ€™s dopaminergic system. Sleep and Breathing, 2018, 22, 547-554.	1.7	3
45	Increased Serum Levels of Proinflammatory Cytokines Are Accompanied by Fatigue in Military T-6A Texan II Instructor Pilots. Frontiers in Physiology, 2022, 13, 876750.	2.8	3
46	Characterizing the Dose Response of Hyperoxia with Brain Perfusion. Aerospace Medicine and Human Performance, 2022, 93, 493-498.	0.4	3
47	Assessing Fatigue in Multiple Sclerosis: Shedding Light on the Elephant in the Dark. Sleep, 2010, 33, 1005-1006.	1.1	2
48	Paradoxical Sleep Suppresses Immediate Early Gene Expression in the Rodent Suprachiasmatic Nuclei. Frontiers in Neurology, 2010, 1, 122.	2.4	2
49	Omega 3 fatty acids and the brain: implications for nursing practice. British Journal of Neuroscience Nursing, 2014, 10, 29-37.	0.2	2
50	Sleep pattern gender differences and fragmentation in postpartum parents of twins. Sleep Science, 2021, 14, 118-124.	1.0	1
51	Expiratory Peak Flow and Minute Ventilation Are Significantly Increased at High Altitude versus Simulated Altitude in Normobaria. Life, 2022, 12, 306.	2.4	1
52	Posterior Rhinometry as a Rapid Screening Test for Nasal Dysfunction. American Journal of Rhinology & Allergy, 1990, 4, 69-73.	2.2	0
53	Equipment Failure with Nasal Continuous Positive Airway Pressure. The American Review of Respiratory Disease, 1991, 144, 239-239.	2.9	0
54	MULTICENTER VALIDATION OF AN ECG AND OXYGEN SATURATION-BASED SLEEP DIAGNOSTIC SYSTEM. Chest, 2008, 134, 148P.	0.8	0

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55	Upper Airway Neurostimulation to Treat Obstructive Sleep Apnea. , 2018, , 1307-1320.		0