

# Michael J Decker

## List of Publications by Year in descending order

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55  
papers

2,106  
citations

304743

22  
h-index

289244

40  
g-index

58  
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58  
docs citations

58  
times ranked

2351  
citing authors

#	ARTICLE	IF	CITATIONS
1	Expiratory Peak Flow and Minute Ventilation Are Significantly Increased at High Altitude versus Simulated Altitude in Normobaria. <i>Life</i> , 2022, 12, 306.	2.4	1
2	Increased Serum Levels of Proinflammatory Cytokines Are Accompanied by Fatigue in Military T-6A Texan II Instructor Pilots. <i>Frontiers in Physiology</i> , 2022, 13, 876750.	2.8	3
3	Characterizing the Dose Response of Hyperoxia with Brain Perfusion. <i>Aerospace Medicine and Human Performance</i> , 2022, 93, 493-498.	0.4	3
4	Sleep pattern gender differences and fragmentation in postpartum parents of twins. <i>Sleep Science</i> , 2021, 14, 118-124.	1.0	1
5	Neurovascular and cortical responses to hyperoxia: enhanced cognition and electroencephalographic activity despite reduced perfusion. <i>Journal of Physiology</i> , 2020, 598, 3941-3956.	2.9	13
6	Postnatal hypoxia evokes persistent changes within the male rat's dopaminergic system. <i>Sleep and Breathing</i> , 2018, 22, 547-554.	1.7	3
7	Upper Airway Neurostimulation to Treat Obstructive Sleep Apnea. , 2018, , 1307-1320.		0
8	C57BL/6J mouse apolipoprotein A2 gene is deterministic for apnea. <i>Respiratory Physiology and Neurobiology</i> , 2017, 235, 88-94.	1.6	8
9	The Effects of an Afternoon Nap on Episodic Memory in Young and Older Adults. <i>Sleep</i> , 2017, 40, .	1.1	38
10	<i>Scn1a</i> dysfunction alters behavior but not the effect of stress on seizure response. <i>Genes, Brain and Behavior</i> , 2016, 15, 335-347.	2.2	19
11	Maternal dietary supplementation with omega-3 polyunsaturated fatty acids confers neuroprotection to the newborn against hypoxia-induced dopamine dysfunction. <i>Sleep Science</i> , 2016, 9, 94-99.	1.0	5
12	Physical activity is associated with reduced fatigue in adults living with HIV/AIDS. <i>Journal of Advanced Nursing</i> , 2016, 72, 3104-3112.	3.3	40
13	Growth Deficiency in Cystic Fibrosis Is Observable at Birth and Predictive of Early Pulmonary Function. <i>Biological Research for Nursing</i> , 2016, 18, 498-504.	1.9	13
14	Elevated serotonergic signaling amplifies synaptic noise and facilitates the emergence of epileptiform network oscillations. <i>Journal of Neurophysiology</i> , 2014, 112, 2357-2373.	1.8	11
15	Keep the Airway Open and Let the Brain Sleep. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 190, 1207-1209.	5.6	11
16	Omega 3 fatty acids and the brain: implications for nursing practice. <i>British Journal of Neuroscience Nursing</i> , 2014, 10, 29-37.	0.2	2
17	Altered sleep regulation in a mouse model of <i>SCN1A</i> -derived genetic epilepsy with febrile seizures plus ( <i>GEFS+</i> ). <i>Epilepsia</i> , 2013, 54, 625-634.	5.1	45
18	Validation of ECG-derived sleep architecture and ventilation in sleep apnea and chronic fatigue syndrome. <i>Sleep and Breathing</i> , 2010, 14, 233-239.	1.7	18

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19	Assessing Fatigue in Multiple Sclerosis: Shedding Light on the Elephant in the Dark. <i>Sleep</i> , 2010, 33, 1005-1006.	1.1	2
20	Paradoxical Sleep Suppresses Immediate Early Gene Expression in the Rodent Suprachiasmatic Nuclei. <i>Frontiers in Neurology</i> , 2010, 1, 122.	2.4	2
21	Circadian Activity Rhythms for Mothers with an Infant in ICU. <i>Frontiers in Neurology</i> , 2010, 1, 155.	2.4	13
22	Validity of Self-Reported Body Mass Index and Sleeping Problems Among Adult Population of Georgia. <i>The Open Obesity Journal</i> , 2010, 2, 145-150.	0.1	5
23	Breathing and Sleep: Measurement Methods, Genetic Influences, and Developmental Impacts. <i>ILAR Journal</i> , 2009, 50, 248-261.	1.8	22
24	Electroencephalographic correlates of Chronic Fatigue Syndrome. <i>Behavioral and Brain Functions</i> , 2009, 5, 43.	3.3	33
25	Hypersomnolence and Sleep-related Complaints in Metropolitan, Urban, and Rural Georgia. <i>American Journal of Epidemiology</i> , 2008, 169, 435-443.	3.4	16
26	MULTICENTER VALIDATION OF AN ECG AND OXYGEN SATURATION-BASED SLEEP DIAGNOSTIC SYSTEM. <i>Chest</i> , 2008, 134, 148P.	0.8	0
27	Higher heart rate and reduced heart rate variability persist during sleep in chronic fatigue syndrome: A population-based study. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2007, 137, 94-101.	2.8	117
28	Perception versus polysomnographic assessment of sleep in CFS and non-fatigued control subjects: results from a population-based study. <i>BMC Neurology</i> , 2007, 7, 40.	1.8	44
29	Sleep characteristics of persons with chronic fatigue syndrome and non-fatigued controls: results from a population-based study. <i>BMC Neurology</i> , 2006, 6, 41.	1.8	63
30	Reduced Extracellular Dopamine and Increased Responsiveness to Novelty: Neurochemical and Behavioral Sequelae of Intermittent Hypoxia. <i>Sleep</i> , 2005, 28, 169-176.	1.1	71
31	Mild Intermittent Hypoxia Does Not Induce Stress Responses in the Neonatal Rat Brain. <i>Neonatology</i> , 2005, 88, 313-320.	2.0	4
32	Episodic neonatal hypoxia evokes executive dysfunction and regionally specific alterations in markers of dopamine signaling. <i>Neuroscience</i> , 2003, 117, 417-425.	2.3	113
33	An Ethiopian pattern of human adaptation to high-altitude hypoxia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 17215-17218.	7.1	216
34	Neonatal Intermittent Hypoxia Impairs Dopamine Signaling and Executive Functioning. <i>Sleep and Breathing</i> , 2002, 06, 205-210.	1.7	51
35	The role of muscarinic acetylcholine receptor-mediated activation of extracellular signal-regulated kinase 1/2 in pilocarpine-induced seizures. <i>Journal of Neurochemistry</i> , 2002, 82, 192-201.	3.9	66
36	Neonatal Intermittent Hypoxia Impairs Dopamine Signaling and Executive Functioning. <i>Sleep and Breathing</i> , 2002, 6, 205-210.	1.7	25

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37	Medical Student Competence in Eliciting a History for "Chronic Fatigue", Sleep and Breathing, 2001, 5, 123-129.	1.7	8
38	Percent of oxygen saturation of arterial hemoglobin among Bolivian Aymara at 3,900-4,000 m. , 1999, 108, 41-51.		75
39	Hemoglobin concentration of high-altitude Tibetans and Bolivian Aymara. , 1998, 106, 385-400.		246
40	Blood pressure variation among Ethiopians on the Simien Plateau. Annals of Human Biology, 1997, 24, 333-342.	1.0	15
41	Ventilation and hypoxic ventilatory response of Tibetan and Aymara high altitude natives. , 1997, 104, 427-447.		190
42	Role of hypoxemia in sleep apnea-induced sympathoexcitation. Journal of the Autonomic Nervous System, 1996, 56, 184-190.	1.9	115
43	Erythropoietin levels with treatment of obstructive sleep apnea. Journal of Applied Physiology, 1995, 79, 1278-1285.	2.5	31
44	Arterial oxygen saturation in chronic congestive heart failure. American Journal of Cardiology, 1994, 73, 180-185.	1.6	24
45	Arterial oxygen saturation over time and sleep studies in quadriplegic patients. Spinal Cord, 1993, 31, 172-179.	1.9	28
46	Functional electrical stimulation and respiration during sleep. Journal of Applied Physiology, 1993, 75, 1053-1061.	2.5	77
47	Biochemical Morbidity in Sleep Apnea. Ear, Nose and Throat Journal, 1993, 72, 34-41.	0.8	17
48	Extended Monitoring of Oxygen Saturation in Chronic Lung Disease. Chest, 1992, 102, 1075-1079.	0.8	13
49	Nasal flow-resistive responses to challenge with cold dry air. Journal of Applied Physiology, 1992, 72, 1243-1246.	2.5	30
50	Diurnal variations in serum erythropoietin levels in healthy subjects and sleep apnea patients. Journal of Applied Physiology, 1992, 72, 2112-2117.	2.5	53
51	Equipment Failure with Nasal Continuous Positive Airway Pressure. The American Review of Respiratory Disease, 1991, 144, 239-239.	2.9	0
52	Posterior Rhinometry as a Rapid Screening Test for Nasal Dysfunction. American Journal of Rhinology & Allergy, 1990, 4, 69-73.	2.2	0
53	Agreement between Noninvasive Oximetric Values for Oxygen Saturation. Chest, 1990, 97, 814-819.	0.8	35
54	Ambulatory Monitoring of Arterial Oxygen Saturation. Chest, 1989, 95, 717-722.	0.8	36

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55	The nasal response to exercise and exercise induced bronchoconstriction in normal and asthmatic subjects.. Thorax, 1988, 43, 890-895.	5.6	16