

Raffaele Pilla

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

436
citations

840776

11
h-index

996975

15
g-index

23
all docs

23
docs citations

23
times ranked

669
citing authors

#	ARTICLE	IF	CITATIONS
1	Therapeutic ketosis with ketone ester delays central nervous system oxygen toxicity seizures in rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013, 304, R829-R836.	1.8	101
2	A proposal for distinguishing between bacterial and viral meningitis using genetic programming and decision trees. <i>Soft Computing</i> , 2019, 23, 11775-11791.	3.6	73
3	Extracellular guanosine and GTP promote expression of differentiation markers and induce Sâ€phase cellâ€cycle arrest in human SHâ€5Y neuroblastoma cells. <i>International Journal of Developmental Neuroscience</i> , 2009, 27, 135-147.	1.6	48
4	The Safety of Anti-TNF Agents in the Elderly. <i>International Journal of Immunopathology and Pharmacology</i> , 2009, 22, 415-426.	2.1	36
5	Effect of pre-breathing oxygen at different depth on oxidative status and calcium concentration in lymphocytes of scuba divers. <i>Acta Physiologica</i> , 2011, 202, 69-78.	3.8	35
6	Anticonvulsant properties of an oral ketone ester in a pentylenetetrazole-model of seizure. <i>Brain Research</i> , 2015, 1618, 50-54.	2.2	25
7	Growth Associated Protein 43 Is Expressed in Skeletal Muscle Fibers and Is Localized in Proximity of Mitochondria and Calcium Release Units. <i>PLoS ONE</i> , 2013, 8, e53267.	2.5	24
8	Peripheral Blood Lymphocytes: A Model for Monitoring Physiological Adaptation to High Altitude. <i>High Altitude Medicine and Biology</i> , 2010, 11, 333-342.	0.9	21
9	A potential early physiological marker for CNS oxygen toxicity: hyperoxic hyperpnea precedes seizure in unanesthetized rats breathing hyperbaric oxygen. <i>Journal of Applied Physiology</i> , 2013, 114, 1009-1020.	2.5	20
10	Toward a soft computing-based correlation between oxygen toxicity seizures and hyperoxic hyperpnea. <i>Soft Computing</i> , 2018, 22, 2421-2427.	3.6	16
11	Female rats are more susceptible to central nervous system oxygen toxicity than male rats. <i>Physiological Reports</i> , 2014, 2, e00282.	1.7	12
12	High doses of pseudoephedrine hydrochloride accelerate onset of CNS oxygen toxicity seizures in unanesthetized rats. <i>Neuroscience</i> , 2013, 246, 391-396.	2.3	11
13	Different calorie restriction treatments have similar anti-seizure efficacy. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2016, 35, 45-49.	2.0	8
14	Nutritional/Metabolic Therapies in Animal Models of Amyotrophic Lateral Sclerosis, Alzheimerâ€™s Disease, and Seizures. , 2015, , 449-459.		4
15	Neuroplasticity of CNS oxygen toxicity (CNSâ€OT): increased risk of seizure due to hyperbaric preconditioning (PC) and kindling effect. <i>FASEB Journal</i> , 2012, 26, 1082.6.	0.5	1
16	Intragastric ketone ester administration prevents CNS oxygen toxicity (CNSâ€OT) and modulates tidal volume and respiratory frequency in rats. <i>FASEB Journal</i> , 2013, 27, 714.24.	0.5	1
17	High doses of pseudoephedrine taken 2 hours prior to â€œdivingâ€ to 132 feet of seawater (5 ATA) while breathing pure O2 increases risk for CNS oxygen toxicity in unanesthetized rats. <i>FASEB Journal</i> , 2012, 26, 1082.5.	0.5	0
18	Poikilcapnic hyperoxic hyperventilation (pHH) precedes onset of CNS oxygen toxicity (CNSâ€OT): evidence for the hypothesis that hyperbaric hyperoxia (HBO2) stimulates medullary CO2â€ chemoreceptors and respiration prior to seizure. <i>FASEB Journal</i> , 2012, 26, 704.2.	0.5	0

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19	Oral administration of high doses of pseudoephedrine (PSE) hydrochloride accelerates the onset of CNS oxygen toxicity (CNSâ€œOT) seizures in rats exposed to hyperbaric oxygen (HBO) at 5 atmospheres absolute (ATA). FASEB Journal, 2013, 27, 933.4.	0.5	0
20	Flying before diving: induction of neuroprotection against CNSâ€œoxygen toxicity (CNSâ€œOT) seizures while breathing 100% oxygen at 5 atmospheres absolute (ATA). FASEB Journal, 2013, 27, 934.7.	0.5	0
21	Ketosis as a treatment for multiple metabolic and neurodegenerative pathologies. Journal of Translational Science, 2017, 3, .	0.2	0
22	The Ketogenic Diet Approach as Metabolic Treatment for a Variety of Diseases. Epilepsy Journal, 2016, 2, .	0.1	0