

David H Jang

List of Publications by Year in descending order

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papers

672
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567144

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citing authors

#	ARTICLE	IF	CITATIONS
1	Preliminary Research: Application of Non-Invasive Measure of Cytochrome c Oxidase Redox States and Mitochondrial Function in a Porcine Model of Carbon Monoxide Poisoning. <i>Journal of Medical Toxicology</i> , 2022, 18, 214-222.	0.8	3
2	Optical Assessment of Cerebral Oxygen Metabolism During Acute Carbon Monoxide Poisoning. , 2022, , .		1
3	Severe Impairment of Microcirculatory Perfused Vessel Density Is Associated With Postoperative Lactate and Acute Organ Injury After Cardiac Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021, 35, 106-115.	0.6	21
4	Landing a Successful R or K Grant: a Young Investigator's Journey. <i>Journal of Medical Toxicology</i> , 2021, 17, 154-156.	0.8	0
5	Alterations in cerebral and cardiac mitochondrial function in a porcine model of acute carbon monoxide poisoning. <i>Clinical Toxicology</i> , 2021, 59, 801-809.	0.8	8
6	Emerging cellular-based therapies in carbon monoxide poisoning. <i>American Journal of Physiology - Cell Physiology</i> , 2021, 321, C269-C275.	2.1	3
7	Low Microcirculatory Perfused Vessel Density and High Heterogeneity are Associated With Increased Intensity and Duration of Lactic Acidosis After Cardiac Surgery with Cardiopulmonary Bypass. <i>Shock</i> , 2021, 56, 245-254.	1.0	15
8	In vitro comparison of hydroxocobalamin (B12a) and the mitochondrial directed therapy by a succinate prodrug in a cellular model of cyanide poisoning. <i>Toxicology Reports</i> , 2020, 7, 1263-1271.	1.6	11
9	The management of the poisoned patient using a novel emergency department-based resuscitation and critical care unit (ResCCU). <i>American Journal of Emergency Medicine</i> , 2020, 38, 2070-2073.	0.7	2
10	Ex vivo use of cell-permeable succinate prodrug attenuates mitochondrial dysfunction in blood cells obtained from carbon monoxide-poisoned individuals. <i>American Journal of Physiology - Cell Physiology</i> , 2020, 319, C129-C135.	2.1	12
11	Prophylaxis of mitochondrial dysfunction caused by cellular decompression from hyperbaric exposure. <i>Mitochondrion</i> , 2020, 52, 8-19.	1.6	6
12	Mitochondrial respiratory chain complex I dysfunction induced by N-methyl carbamate ex vivo can be alleviated with a cell-permeable succinate prodrug. <i>Toxicology in Vitro</i> , 2020, 65, 104794.	1.1	11
13	Alterations in Mitochondrial Function in Blood Cells Obtained From Patients With Sepsis Presenting to an Emergency Department. <i>Shock</i> , 2019, 51, 580-584.	1.0	27
14	JMTR's Research Concepts Section: a 5-Year Evaluation. <i>Journal of Medical Toxicology</i> , 2019, 15, 226-227.	0.8	3
15	Compartmentalization of Bioenergetic Substrate Delivery in Intact Cells. <i>Journal of Heat Transfer</i> , 2019, 141, .	1.2	3
16	Mitochondrial networking in human blood cells with application in acute care illnesses. <i>Mitochondrion</i> , 2019, 44, 27-34.	1.6	16
17	A comparative analysis of National Institutes of Health research support for emergency medicine " 2008 to 2017. <i>American Journal of Emergency Medicine</i> , 2019, 37, 1850-1854.	0.7	12
18	Translational Application of Measuring Mitochondrial Functions in Blood Cells Obtained from Patients with Acute Poisoning. <i>Journal of Medical Toxicology</i> , 2018, 14, 144-151.	0.8	6

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19	Alterations in mitochondrial respiration and reactive oxygen species in patients poisoned with carbon monoxide treated with hyperbaric oxygen. <i>Intensive Care Medicine Experimental</i> , 2018, 6, 4.	0.9	24
20	Acute decompression following simulated dive conditions alters mitochondrial respiration and motility. <i>American Journal of Physiology - Cell Physiology</i> , 2018, 315, C699-C705.	2.1	6
21	A preliminary study in the alterations of mitochondrial respiration in patients with carbon monoxide poisoning measured in blood cells. <i>Clinical Toxicology</i> , 2017, 55, 579-584.	0.8	23
22	Mitochondrial dynamics and respiration within cells with increased open pore cytoskeletal meshes. <i>Biology Open</i> , 2017, 6, 1831-1839.	0.6	13
23	Measurement of Mitochondrial Respiration and Motility in Acute Care. <i>Journal of Intensive Care Medicine</i> , 2017, 32, 86-94.	1.3	38
24	Impairment of mitochondrial respiration following <i>ex vivo</i> cyanide exposure in peripheral blood mononuclear cells. <i>Clinical Toxicology</i> , 2016, 54, 303-307.	0.8	19
25	The Potential Application of Mitochondrial Medicine in Toxicologic Poisoning. <i>Journal of Medical Toxicology</i> , 2015, 11, 201-207.	0.8	2
26	Efficacy of Methylene Blue in an Experimental Model of Calcium Channel Blocker-Induced Shock. <i>Annals of Emergency Medicine</i> , 2015, 65, 410-415.	0.3	26
27	Methylene Blue for Distributive Shock: A Potential New Use of an Old Antidote. <i>Journal of Medical Toxicology</i> , 2013, 9, 242-249.	0.8	85
28	In Vitro Study of N-acetylcysteine on Coagulation Factors in Plasma Samples from Healthy Subjects. <i>Journal of Medical Toxicology</i> , 2013, 9, 49-53.	0.8	21
29	Response to Methylene Blue Does Not Have to Be Considered Only as Rescue Therapy for Distributive Shock. <i>Journal of Medical Toxicology</i> , 2013, 9, 427-427.	0.8	0
30	A Case of Near-fatal Flecainide Overdose in a Neonate Successfully Treated with Sodium Bicarbonate. <i>Journal of Emergency Medicine</i> , 2013, 44, 781-783.	0.3	32
31	Articles You Might Have Missed. <i>Journal of Medical Toxicology</i> , 2012, 8, 83-85.	0.8	0
32	Heavy Metal Chelation in Neurotoxic Exposures. <i>Neurologic Clinics</i> , 2011, 29, 607-622.	0.8	29
33	The In Vitro Effect of N-Acetylcysteine on Prothrombin Time in Plasma Samples From Healthy Subjects. <i>Academic Emergency Medicine</i> , 2011, 18, 351-354.	0.8	13
34	Methylene Blue in the Treatment of Refractory Shock From an Amlodipine Overdose. <i>Annals of Emergency Medicine</i> , 2011, 58, 565-567.	0.3	60
35	Hard Impact: Journal Impact Factor and JMT. <i>Journal of Medical Toxicology</i> , 2011, 7, 256-258.	0.8	14
36	Response to Effect of Deferasirox on Iron Absorption in a Randomized, Placebo-Controlled, Crossover Study in a Human Model of Acute Supratherapeutic Iron Ingestion. <i>Annals of Emergency Medicine</i> , 2011, 58, 219-220.	0.3	0

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37	Poison Control Centers on the Chopping Block—Will This Affect the Training of Future Medical Toxicology Fellows?. <i>Journal of Medical Toxicology</i> , 2010, 6, 279-280.	0.8	0
38	Attempted Suicide, by Mail Order: <i>Abrus precatorius</i> . <i>Journal of Medical Toxicology</i> , 2010, 6, 427-430.	0.8	29
39	The Impact of a Medical Toxicology Fellowship on the Training of Future Emergency Medicine Residents. <i>Journal of Medical Toxicology</i> , 2010, 6, 371-372.	0.8	3
40	Woman With Unresponsiveness. <i>Annals of Emergency Medicine</i> , 2010, 56, 201-207.	0.3	1
41	Severe Opioid Withdrawal Due to Misuse of New Combined Morphine and Naltrexone Product (Embeda). <i>Annals of Emergency Medicine</i> , 2010, 55, 303-304.	0.3	30
42	Status epilepticus and wide-complex tachycardia secondary to diphenhydramine overdose. <i>Clinical Toxicology</i> , 2010, 48, 945-948.	0.8	44