Christopher Lotz

List of Publications by Year
in descending order

18 papers	505 citations	758635 12 h-index	839053 18 g-index
21 all docs	21 docs citations	21 times ranked	762 citing authors

#	Article	IF	Citations
1	Vitamin D deficiency in critically ill COVID-19 ARDS patients. Clinical Nutrition, 2022, 41, 3089-3095.	2.3	24
2	Mitochondria and Pharmacologic Cardiac Conditioningâ€"At the Heart of Ischemic Injury. International Journal of Molecular Sciences, 2021, 22, 3224.	1.8	10
3	Clinical Significance of Micronutrient Supplementation in Critically Ill COVID-19 Patients with Severe ARDS. Nutrients, 2021, 13, 2113.	1.7	36
4	Pro- and Anti-Inflammatory Responses in Severe COVID-19-Induced Acute Respiratory Distress Syndromeâ€"An Observational Pilot Study. Frontiers in Immunology, 2020, 11, 581338.	2.2	75
5	Unconventional approaches to mechanical ventilationâ€"step-by-step through the COVID-19 crisis. Critical Care, 2020, 24, 233.	2.5	7
6	Sevoflurane as opposed to propofol anesthesia preserves mitochondrial function and alleviates myocardial ischemia/reperfusion injury. Biomedicine and Pharmacotherapy, 2020, 129, 110417.	2.5	13
7	Biodistribution and serologic response in SARS-CoV-2 induced ARDS: A cohort study. PLoS ONE, 2020, 15, e0242917.	1.1	12
8	Isoflurane Protects the Myocardium Against Ischemic Injury via the Preservation of Mitochondrial Respiration and Its Supramolecular Organization. Anesthesia and Analgesia, 2015, 120, 265-274.	1.1	20
9	Volatile Anesthetic-Induced Cardiac Protection: Molecular Mechanisms, Clinical Aspects, and Interactions With Nonvolatile Agents. Journal of Cardiothoracic and Vascular Anesthesia, 2015, 29, 749-760.	0.6	36
10	Characterization, Design, and Function of the Mitochondrial Proteome: From Organs to Organisms. Journal of Proteome Research, 2014, 13, 433-446.	1.8	59
11	New Frontiers in Myocardial Protection: A Systems Biology Approach. Journal of Cardiovascular Pharmacology and Therapeutics, 2011, 16, 285-289.	1.0	7
12	Activation of Adenosine-Monophosphateâ€“Activated Protein Kinase Abolishes Desflurane-Induced Preconditioning Against Myocardial Infarction In Vivo. Journal of Cardiothoracic and Vascular Anesthesia, 2011, 25, 66-71.	0.6	6
13	Propofol Inhibits Desflurane-Induced Preconditioning in Rabbits. Journal of Cardiothoracic and Vascular Anesthesia, 2011, 25, 276-281.	0.6	22
14	Activation of peroxisome-proliferator-activated receptors <i>Î±</i> and <i>Î³</i> mediates remote ischemic preconditioning against myocardial infarction <i>in vivo</i>. Experimental Biology and Medicine, 2011, 236, 113-122.	1.1	32
15	Comparison of Isoflurane-, Sevoflurane-, and Desflurane-Induced Pre- and Postconditioning Against Myocardial Infarction in Mice <i>In Vivo</i>. Experimental Biology and Medicine, 2009, 234, 1186-1191.	1.1	54
16	Desflurane-Induced Preconditioning Has a Threshold That Is Lowered by Repetitive Application and Is Mediated by Î²2-Adrenergic Receptors. Journal of Cardiothoracic and Vascular Anesthesia, 2009, 23, 607-613.	0.6	36
17	Desflurane-induced Postconditioning Is Mediated by Î²-Adrenergic Signaling. Anesthesiology, 2009, 110, 516-528.	1.3	38
18	Differential Role of Calcium/Calmodulin-dependent Protein Kinase II in Desflurane-induced Preconditioning and Cardioprotection by Metoprolol. Anesthesiology, 2008, 109, 72-80.	1.3	18