

# Barna Babik

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

156  
citations

1307594

7  
h-index

1281871

11  
g-index

13  
all docs

13  
docs citations

13  
times ranked

187  
citing authors

#	ARTICLE	IF	CITATIONS
1	Changes in Respiratory Mechanics During Cardiac Surgery. <i>Anesthesia and Analgesia</i> , 2003, 96, 1280-1287.	2.2	60
2	Impact of microvascular circulation on peripheral lung stability. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2004, 287, L879-L889.	2.9	26
3	Bronchoconstriction during alveolar hypocapnia and systemic hypercapnia in dogs with a cardiopulmonary bypass. <i>Respiratory Physiology and Neurobiology</i> , 2011, 175, 140-145.	1.6	15
4	Volumetric but Not Time Capnography Detects Ventilation/Perfusion Mismatch in Injured Rabbit Lung. <i>Frontiers in Physiology</i> , 2018, 9, 1805.	2.8	11
5	Optimal crystalloid volume ratio for blood replacement for maintaining hemodynamic stability and lung function: an experimental randomized controlled study. <i>BMC Anesthesiology</i> , 2019, 19, 21.	1.8	10
6	Sevoflurane Relieves Lung Function Deterioration After Cardiopulmonary Bypass. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2017, 31, 2017-2026.	1.3	8
7	Levosimendan prevents bronchoconstriction and adverse respiratory tissue mechanical changes in rabbits. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 313, L950-L956.	2.9	8
8	Airway mechanics and lung tissue viscoelasticity: effects of altered blood hematocrit in the pulmonary circulation. <i>Journal of Applied Physiology</i> , 2016, 121, 261-267.	2.5	7
9	Infective endocarditis complicated with coronary artery septic embolization: is it worth to be mentioned? Case presentation and review of the literature. <i>Reviews in Cardiovascular Medicine</i> , 2019, 20, 35.	1.4	6
10	Dopamine ameliorates bronchoconstriction induced by histaminergic and cholinergic pathways in rabbits. <i>Respiratory Physiology and Neurobiology</i> , 2019, 259, 156-161.	1.6	4
11	Reversing Cholinergic Bronchoconstriction by Common Inotropic Agents. <i>Anesthesia and Analgesia</i> , 2019, 129, 745-752.	2.2	1
12	Dopamine Reverses Lung Function Deterioration After Cardiopulmonary Bypass Without Affecting Gas Exchange. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021, , .	1.3	0
13	Gestational hemostasis: a natural model for hemostasis resuscitation of major periprocedural blood loss. <i>Perioperative Medicine (London, England)</i> , 2021, 10, 54.	1.5	0