

Umeshkumar Athiraman

List of Publications by Year in descending order

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17
papers

362
citations

1162889

8
h-index

996849

15
g-index

17
all docs

17
docs citations

17
times ranked

179
citing authors

#	ARTICLE	IF	CITATIONS
1	Anesthesia and perioperative medical management of children with spinal muscular atrophy. Paediatric Anaesthesia, 2009, 19, 1054-1063.	0.6	127
2	Anesthetic management of 877 pediatric patients undergoing muscle biopsy for neuromuscular disorders: a 20-year review. Paediatric Anaesthesia, 2016, 26, 710-721.	0.6	97
3	Endotracheal cuff pressure changes with change in position in neurosurgical patients. International Journal of Critical Illness and Injury Science, 2015, 5, 237.	0.2	21
4	Role of Endothelial Nitric Oxide Synthase in Isoflurane Conditioning-Induced Neurovascular Protection in Subarachnoid Hemorrhage. Journal of the American Heart Association, 2020, 9, e017477.	1.6	17
5	Evidence for a conditioning effect of inhalational anesthetics on angiographic vasospasm after aneurysmal subarachnoid hemorrhage. Journal of Neurosurgery, 2020, 133, 152-158.	0.9	16
6	Conditioning Effect of Inhalational Anesthetics on Delayed Cerebral Ischemia After Aneurysmal Subarachnoid Hemorrhage. Neurosurgery, 2021, 88, 394-401.	0.6	15
7	Role of SIRT1 in Isoflurane Conditioning-Induced Neurovascular Protection against Delayed Cerebral Ischemia Secondary to Subarachnoid Hemorrhage. International Journal of Molecular Sciences, 2021, 22, 4291.	1.8	12
8	Automated Quantification of Reduced Sulcal Volume Identifies Early Brain Injury After Aneurysmal Subarachnoid Hemorrhage. Stroke, 2021, 52, 1380-1389.	1.0	12
9	Anesthetic and subanesthetic doses of isoflurane conditioning provides strong protection against delayed cerebral ischemia in a mouse model of subarachnoid hemorrhage. Brain Research, 2021, 1750, 147169.	1.1	10
10	Performance of computer simulated inhalational anesthetic uptake model in comparison with real time isoflurane concentration. Journal of Clinical Monitoring and Computing, 2016, 30, 791-796.	0.7	8
11	Role of Anesthetics and Their Adjuvants in Neurovascular Protection in Secondary Brain Injury after Aneurysmal Subarachnoid Hemorrhage. International Journal of Molecular Sciences, 2021, 22, 6550.	1.8	8
12	Sevoflurane and Desflurane Exposures Following Aneurysmal Subarachnoid Hemorrhage Confer Multifaceted Protection against Delayed Cerebral Ischemia. Biomedicines, 2021, 9, 820.	1.4	7
13	Inhalational Versus Intravenous Anesthetic Conditioning for Subarachnoid Hemorrhage-Induced Delayed Cerebral Ischemia. Stroke, 2022, 53, 904-912.	1.0	6
14	Anesthetic Conditioning for Secondary Brain Injury After Aneurysmal Subarachnoid Hemorrhage. World Neurosurgery, 2020, 143, 577-578.	0.7	5
15	Implementation of an Online External Ventricular Drain Training Module—An Educational Initiative to Improve Proficiency of Perioperative Health Care Providers. Journal of Neurosurgical Anesthesiology, 2021, Publish Ahead of Print, .	0.6	1
16	Anesthesia for Children with Neuromuscular Diseases. , 2021, , 579-594.		0
17	Effects of Hypoxic and Ischemic Clinical Conditions on the Outcomes of Acute Ischemic Stroke Patients. Indian Journal of Critical Care Medicine, 2020, 24, 104-108.	0.3	0