

Senthil Packiasabapathy

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

531
citations

759233
12
h-index

677142
22
g-index

35
all docs

35
docs citations

35
times ranked

752
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Intravenous Acetaminophen vs Placebo Combined With Propofol or Dexmedetomidine on Postoperative Delirium Among Older Patients Following Cardiac Surgery. JAMA - Journal of the American Medical Association, 2019, 321, 686.	7.4	199
2	Gender, genetics, and analgesia: understanding the differences in response to pain relief. Journal of Pain Research, 2018, Volume 11, 2729-2739.	2.0	41
3	Machine Learning Models with Preoperative Risk Factors and Intraoperative Hypotension Parameters Predict Mortality After Cardiac Surgery. Journal of Cardiothoracic and Vascular Anesthesia, 2021, 35, 857-865.	1.3	31
4	Pupillom�trie en m�decine p�riop�ratoire : une revue narrative. Canadian Journal of Anaesthesia, 2021, 68, 566-578.	1.6	26
5	Blood Pressure Variability: Can Nonlinear Dynamics Enhance Risk Assessment During Cardiovascular Surgery?. Journal of Cardiothoracic and Vascular Anesthesia, 2014, 28, 392-397.	1.3	25
6	Methadone-based Multimodal Analgesia Provides the Best-in-class Acute Surgical Pain Control and Functional Outcomes With Lower Opioid Use Following Major Posterior Fusion Surgery in Adolescents With Idiopathic Scoliosis. Pediatric Quality & Safety, 2020, 5, e336.	0.8	20
7	Optimal Perioperative Blood Pressure Management. Advances in Anesthesia, 2018, 36, 67-79.	0.9	18
8	Genetics of perioperative pain management. Current Opinion in Anaesthesiology, 2018, 31, 749-755.	2.0	17
9	Isha Yoga Practices and Participation in Samyama Program are Associated with Reduced HbA1C and Systemic Inflammation, Improved Lipid Profile, and Short-Term and Sustained Improvement in Mental Health: A Prospective Observational Study of Meditators. Frontiers in Psychology, 2021, 12, 659667.	2.1	16
10	Complexity of preoperative blood pressure dynamics: possible utility in cardiac surgical risk assessment. Journal of Clinical Monitoring and Computing, 2019, 33, 31-38.	1.6	15
11	Preoperative Blood Pressure Complexity Indices as a Marker for Frailty in Patients Undergoing Cardiac Surgery. Journal of Cardiothoracic and Vascular Anesthesia, 2020, 34, 616-621.	1.3	15
12	Guided meditation as an adjunct to enhance postoperative recovery after cardiac surgery: study protocol for a prospective randomized controlled feasibility trial. Trials, 2019, 20, 39.	1.6	14
13	Pharmacogenomics of methadone: a narrative review of the literature. Pharmacogenomics, 2020, 21, 871-887.	1.3	14
14	The use of dexmedetomidine and intravenous acetaminophen for the prevention of postoperative delirium in cardiac surgery patients over 60 years of age: a pilot study. F1000Research, 2017, 6, 1842.	1.6	13
15	A Novel Perioperative Multidose Methadone-Based Multimodal Analgesic Strategy in Children Achieved Safe and Low Analgesic Blood Methadone Levels Enabling Opioid-Sparing Sustained Analgesia With Minimal Adverse Effects. Anesthesia and Analgesia, 2021, 133, 327-337.	2.2	12
16	Dexmedetomidine and intravenous acetaminophen for the prevention of postoperative delirium following cardiac surgery (DEXACET trial): protocol for a prospective randomized controlled trial. Trials, 2018, 19, 326.	1.6	11
17	Comparison of Invasive and Noninvasive Blood Pressure Measurements for Assessing Signal Complexity and Surgical Risk in Cardiac Surgical Patients. Anesthesia and Analgesia, 2020, 130, 1653-1660.	2.2	11
18	The use of dexmedetomidine and intravenous acetaminophen for the prevention of postoperative delirium in cardiac surgery patients over 60 years of age: a pilot study. F1000Research, 2017, 6, 1842.	1.6	8

#	ARTICLE	IF	CITATIONS
19	Cardiac surgical outcome prediction by blood pressure variability indices Poincaré plot and coefficient of variation: a retrospective study. BMC Anesthesiology, 2020, 20, 56.	1.8	7
20	Novel associations between CYP2B6 polymorphisms, perioperative methadone metabolism and clinical outcomes in children. Pharmacogenomics, 2021, 22, 591-602.	1.3	4
21	Changes in nonlinear dynamic complexity measures of blood pressure during anesthesia for cardiac surgeries using cardio pulmonary bypass. Journal of Clinical Monitoring and Computing, 2020, 34, 663-674.	1.6	3
22	Quantitative Pupillometry as a Predictor of Pediatric Postoperative Opioid-Induced Respiratory Depression. Anesthesia and Analgesia, 2021, 133, 991-999.	2.2	3
23	Pharmacokinetic modeling of R and S-Methadone and their metabolites to study the effects of various covariates in postoperative children. CPT: Pharmacometrics and Systems Pharmacology, 2021, 10, 1183-1194.	2.5	3
24	Significance of intra-operative blood pressure data resolution: A retrospective, observational study. F1000Research, 2018, 7, 275.	1.6	3
25	Difficult airway in Mowat-Wilson syndrome. Journal of Clinical Anesthesia, 2016, 34, 151-153.	1.6	2
26	Personalized pediatric anesthesia and pain management: problem-based review. Pharmacogenomics, 2020, 21, 55-73.	1.3	0
27	Ipsilateral double arterial puncture in children. Paediatric Anaesthesia, 2022, 32, 581-582.	1.1	0
28	Spinal anesthesia for open gastrostomy in an infant after stage I Norwood for hypoplastic left heart. Annals of Cardiac Anaesthesia, 2022, 25, 233.	0.6	0