

Senthil Packiasabapathy

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

531
citations

758635

12
h-index

676716

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. <i>JAMA - Journal of the American Medical Association</i> , 2019, 321, 686.	3.8	199
2	Gender, genetics, and analgesia: understanding the differences in response to pain relief. <i>Journal of Pain Research</i> , 2018, Volume 11, 2729-2739.	0.8	41
3	Machine Learning Models with Preoperative Risk Factors and Intraoperative Hypotension Parameters Predict Mortality After Cardiac Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021, 35, 857-865.	0.6	31
4	Pupillométrie en médecine pédiatrique : une revue narrative. <i>Canadian Journal of Anaesthesia</i> , 2021, 68, 566-578.	0.7	26
5	Blood Pressure Variability: Can Nonlinear Dynamics Enhance Risk Assessment During Cardiovascular Surgery?. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2014, 28, 392-397.	0.6	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. <i>Pediatric Quality & Safety</i> , 2020, 5, e336.	0.4	20
7	Optimal Perioperative Blood Pressure Management. <i>Advances in Anesthesia</i> , 2018, 36, 67-79.	0.5	18
8	Genetics of perioperative pain management. <i>Current Opinion in Anaesthesiology</i> , 2018, 31, 749-755.	0.9	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. <i>Frontiers in Psychology</i> , 2021, 12, 659667.	1.1	16
10	Complexity of preoperative blood pressure dynamics: possible utility in cardiac surgical risk assessment. <i>Journal of Clinical Monitoring and Computing</i> , 2019, 33, 31-38.	0.7	15
11	Preoperative Blood Pressure Complexity Indices as a Marker for Frailty in Patients Undergoing Cardiac Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2020, 34, 616-621.	0.6	15
12	Guided meditation as an adjunct to enhance postoperative recovery after cardiac surgery: study protocol for a prospective randomized controlled feasibility trial. <i>Trials</i> , 2019, 20, 39.	0.7	14
13	Pharmacogenomics of methadone: a narrative review of the literature. <i>Pharmacogenomics</i> , 2020, 21, 871-887.	0.6	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. <i>F1000Research</i> , 2017, 6, 1842.	0.8	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. <i>Anesthesia and Analgesia</i> , 2021, 133, 327-337.	1.1	12
16	Dexmedetomidine and intravenous acetaminophen for the prevention of postoperative delirium following cardiac surgery (DEXACET trial): protocol for a prospective randomized controlled trial. <i>Trials</i> , 2018, 19, 326.	0.7	11
17	Comparison of Invasive and Noninvasive Blood Pressure Measurements for Assessing Signal Complexity and Surgical Risk in Cardiac Surgical Patients. <i>Anesthesia and Analgesia</i> , 2020, 130, 1653-1660.	1.1	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. <i>F1000Research</i> , 2017, 6, 1842.	0.8	8

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19	Cardiac surgical outcome prediction by blood pressure variability indices Poincaré plot and coefficient of variation: a retrospective study. <i>BMC Anesthesiology</i> , 2020, 20, 56.	0.7	7
20	Novel associations between <i>CYP2B6</i> polymorphisms, perioperative methadone metabolism and clinical outcomes in children. <i>Pharmacogenomics</i> , 2021, 22, 591-602.	0.6	4
21	Changes in nonlinear dynamic complexity measures of blood pressure during anesthesia for cardiac surgeries using cardio pulmonary bypass. <i>Journal of Clinical Monitoring and Computing</i> , 2020, 34, 663-674.	0.7	3
22	Quantitative Pupillometry as a Predictor of Pediatric Postoperative Opioid-Induced Respiratory Depression. <i>Anesthesia and Analgesia</i> , 2021, 133, 991-999.	1.1	3
23	Pharmacokinetic modeling of R and S-Methadone and their metabolites to study the effects of various covariates in postoperative children. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , 2021, 10, 1183-1194.	1.3	3
24	Significance of intra-operative blood pressure data resolution: A retrospective, observational study. <i>Fl000Research</i> , 2018, 7, 275.	0.8	3
25	Difficult airway in Mowat-Wilson syndrome. <i>Journal of Clinical Anesthesia</i> , 2016, 34, 151-153.	0.7	2
26	Personalized pediatric anesthesia and pain management: problem-based review. <i>Pharmacogenomics</i> , 2020, 21, 55-73.	0.6	0
27	Ipsilateral double arterial puncture in children. <i>Paediatric Anaesthesia</i> , 2022, 32, 581-582.	0.6	0
28	Spinal anesthesia for open gastrostomy in an infant after stage I Norwood for hypoplastic left heart. <i>Annals of Cardiac Anaesthesia</i> , 2022, 25, 233.	0.3	0