

Vikas N O'reilly-Shah

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

823
citations

623734

14
h-index

526287

27
g-index

44
all docs

44
docs citations

44
times ranked

1558
citing authors

#	ARTICLE	IF	CITATIONS
1	An EF-hand in the sodium channel couples intracellular calcium to cardiac excitability. <i>Nature Structural and Molecular Biology</i> , 2004, 11, 219-225.	8.2	128
2	Calcium-dependent regulation of the voltage-gated sodium channel hH1: Intrinsic and extrinsic sensors use a common molecular switch. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 3592-3597.	7.1	110
3	Factors influencing healthcare provider respondent fatigue answering a globally administered in-app survey. <i>PeerJ</i> , 2017, 5, e3785.	2.0	92
4	Occurrence and Timing of Subsequent Severe Acute Respiratory Syndrome Coronavirus 2 Reverse-transcription Polymerase Chain Reaction Positivity Among Initially Negative Patients. <i>Clinical Infectious Diseases</i> , 2021, 72, 323-326.	5.8	78
5	Global trends in the awareness of sepsis: insights from search engine data between 2012 and 2017. <i>Critical Care</i> , 2018, 22, 7.	5.8	35
6	Bias and ethical considerations in machine learning and the automation of perioperative risk assessment. <i>British Journal of Anaesthesia</i> , 2020, 125, 843-846.	3.4	33
7	Trends in Extracorporeal Membrane Oxygenation Growth in the United States, 2011â€“2014. <i>ASAIO Journal</i> , 2019, 65, 712-717.	1.6	32
8	Calmodulin Interacts with the V2 Vasopressin Receptor. <i>Journal of Biological Chemistry</i> , 2004, 279, 46969-46980.	3.4	31
9	The COVID-19 Pandemic Highlights Shortcomings in US Health Care Informatics Infrastructure: A Call to Action. <i>Anesthesia and Analgesia</i> , 2020, 131, 340-344.	2.2	30
10	Association of Serratus Anterior Plane Block for Minimally Invasive Direct Coronary Artery Bypass Surgery With Higher Opioid Consumption: A Retrospective Observational Study. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2018, 32, 2570-2577.	1.3	22
11	Variable effectiveness of stepwise implementation of nudge-type interventions to improve provider compliance with intraoperative low tidal volume ventilation. <i>BMJ Quality and Safety</i> , 2018, 27, 1008-1018.	3.7	21
12	Impact of COVID-19 response on global surgical volumes: an ongoing observational study. <i>Bulletin of the World Health Organization</i> , 2020, 98, 671-682.	3.3	19
13	Lack of association between intraoperative handoff of care and postoperative complications: a retrospective observational study. <i>BMC Anesthesiology</i> , 2019, 19, 182.	1.8	17
14	Highly visible sepsis publications from 2012 to 2017: Analysis and comparison of altmetrics and bibliometrics. <i>Journal of Critical Care</i> , 2018, 48, 357-371.	2.2	16
15	Crowdsourcing sugammadex adverse event rates using an in-app survey: feasibility assessment from an observational study. <i>Therapeutic Advances in Drug Safety</i> , 2018, 9, 331-342.	2.4	15
16	Survalytics: An Open-Source Cloud-Integrated Experience Sampling, Survey, and Analytics and Metadata Collection Module for Android Operating System Apps. <i>JMIR MHealth and UHealth</i> , 2016, 4, e46.	3.7	14
17	Cannabis use is associated with a small increase in the risk of postoperative nausea and vomiting: a retrospective machine-learning causal analysis. <i>BMC Anesthesiology</i> , 2020, 20, 115.	1.8	13
18	Erector Spinae Regional Anesthesia for Robotic Coronary Artery Bypass Surgery Is Not Associated With Reduced Postoperative Opioid Use: A Retrospective Observational Study. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021, 35, 2034-2042.	1.3	13

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19	Evidence for increased use of the Society of Pediatric Anesthesia Critical Events Checklist in resource-limited environments: A retrospective observational study of app data. <i>Paediatric Anaesthesia</i> , 2018, 28, 167-173.	1.1	11
20	Assessing the global reach and value of a provider-facing healthcare app using large-scale analytics. <i>BMJ Global Health</i> , 2017, 2, e000299.	4.7	10
21	A Preoperative Cognitive Screening Test Predicts Increased Length of Stay in a Frail Population: A Retrospective Case-Control Study. <i>Anesthesia and Analgesia</i> , 2019, 129, 1283-1290.	2.2	10
22	Chronic Atypical Antipsychotic Use Is Associated With Reduced Need for Postoperative Nausea and Vomiting Rescue in the Postanesthesia Care Unit: A Propensity-Matched Retrospective Observational Study. <i>Anesthesia and Analgesia</i> , 2020, 130, 141-150.	2.2	10
23	Moving anesthesiology educational resources to the point of care: experience with a pediatric anesthesia mobile app. <i>Korean Journal of Anesthesiology</i> , 2018, 71, 192-200.	2.5	8
24	Initial experience with the unrestricted introduction of sugammadex at a large academic medical center: a retrospective observational study examining postoperative mechanical ventilation and efficiency outcomes. <i>Korean Journal of Anesthesiology</i> , 2018, 71, 374-385.	2.5	8
25	Sepsis information-seeking behaviors via Wikipedia between 2015 and 2018: A mixed methods retrospective observational study. <i>PLoS ONE</i> , 2019, 14, e0221596.	2.5	7
26	Transgender patient care: a prospective survey of pediatric anesthesiologist attitudes and knowledge. <i>Canadian Journal of Anaesthesia</i> , 2021, 68, 1723-1726.	1.6	7
27	Incidence of Health Care-Associated COVID-19 During Universal Testing of Medical and Surgical Admissions in a Large US Health System. <i>Open Forum Infectious Diseases</i> , 2020, 7, ofaa435.	0.9	6
28	Determination of ED50 and time to effectiveness for intrathecal hydromorphone in laboring patients using Dixon's up-and-down sequential allocation method. <i>BMC Anesthesiology</i> , 2018, 18, 140.	1.8	5
29	Training the Trainers in Ultrasound-guided Access to Improve Peripheral Intravenous Catheter Placement among Children Presenting for Anesthesia. <i>Pediatric Quality & Safety</i> , 2021, 6, e406.	0.8	4
30	The Human-Machine Interface in Anesthesiology. <i>Anesthesia and Analgesia</i> , 2020, 130, 1255-1260.	2.2	3
31	Regional anesthesia educational material utilization varies by World Bank income category: A mobile health application data study. <i>PLoS ONE</i> , 2021, 16, e0244860.	2.5	3
32	Development and Validation of ARC, a Model for Anticipating Acute Respiratory Failure in Coronavirus Disease 2019 Patients. , 2021, 3, e0441.		3
33	Implementation of App-Based Diabetes Medication Management: Outpatient and Perioperative Clinical Decision Support. <i>Current Diabetes Reports</i> , 2021, 21, 50.	4.2	2
34	Liver Fibrosis Marker and Postoperative Mortality in Patients Without Overt Liver Disease. <i>Anesthesia and Analgesia</i> , 2022, 135, 957-966.	2.2	2
35	Opportunities and Limitations in Mobile Technology. <i>Anesthesia and Analgesia</i> , 2017, 125, 1416-1416.	2.2	1
36	Anesthesia Care Handovers and Risk of Adverse Outcomes. <i>JAMA - Journal of the American Medical Association</i> , 2018, 319, 2235.	7.4	1

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37	Improvement in perioperative anesthesia documentation for fetal interventions. Paediatric Anaesthesia, 2020, 30, 1046-1048.	1.1	1
38	HbA1c Screening Characterizes Undiagnosed Dysglycemia in Surgical Patients. Diabetes, 2018, 67, 1305-P.	0.6	1
39	Comment on: Álvarez et al.: Interactive pediatric emergency checklists to the palm of your hand –How the pedi crisis app traveled around the world. Paediatric Anaesthesia, 2017, 27, 1280-1281.	1.1	0
40	Real-Time Assessment of COVID-19 Impact on Global Surgical Case Volumes. SSRN Electronic Journal, 0, , .	0.4	0
41	The incidence and outcomes of healthcare-associated respiratory tract infections in non-ventilated neurocritical care patients: Results of a 10-year cohort study. Journal of Clinical Neuroscience, 2022, 97, 32-41.	1.5	0