

Ariel Mueller

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

1,439
citations

471371

17
h-index

360920

35
g-index

71
all docs

71
docs citations

71
times ranked

2202
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	Effect of Cardiogenic Shock Hospital Volume on Mortality in Patients With Cardiogenic Shock. <i>Journal of the American Heart Association</i> , 2015, 4, e001462.	1.6	124
3	Racial Disparities in Comorbidities, Complications, and Maternal and Fetal Outcomes in Women With Preeclampsia/eclampsia. <i>Hypertension in Pregnancy</i> , 2015, 34, 506-515.	0.5	110
4	The Effect of Positive End-Expiratory Pressure on Intracranial Pressure and Cerebral Hemodynamics. <i>Neurocritical Care</i> , 2017, 26, 174-181.	1.2	84
5	Favorable Neurocognitive Outcome with Low Tidal Volume Ventilation after Cardiac Arrest. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 1198-1206.	2.5	74
6	Combined Epidural-General Anesthesia vs General Anesthesia Alone for Elective Abdominal Aortic Aneurysm Repair. <i>JAMA Surgery</i> , 2016, 151, 1116.	2.2	63
7	Speaking up about care concerns in the ICU: patient and family experiences, attitudes and perceived barriers. <i>BMJ Quality and Safety</i> , 2018, 27, 928-936.	1.8	60
8	Circulating Antiangiogenic Factors and Myocardial Dysfunction in Hypertensive Disorders of Pregnancy. <i>Hypertension</i> , 2016, 67, 1273-1280.	1.3	57
9	Economic Burden of Postoperative Neurocognitive Disorders Among US Medicare Patients. <i>JAMA Network Open</i> , 2020, 3, e208931.	2.8	54
10	Angiogenic biomarkers in triage and risk for preeclampsia with severe features. <i>Pregnancy Hypertension</i> , 2018, 13, 100-106.	0.6	43
11	Cardiogenic shock in pregnancy: Analysis from the National Inpatient Sample. <i>Hypertension in Pregnancy</i> , 2017, 36, 117-123.	0.5	38
12	Identifying clinical and biochemical phenotypes in acute respiratory distress syndrome secondary to coronavirus disease-2019. <i>EClinicalMedicine</i> , 2021, 34, 100829.	3.2	28
13	Prevalence of Disagreement About Appropriateness of Treatment Between ICU Patients/Surrogates and Clinicians. <i>Chest</i> , 2019, 155, 1140-1147.	0.4	26
14	Preoperative asymptomatic leukocytosis and postoperative outcome in cardiac surgery patients. <i>PLoS ONE</i> , 2017, 12, e0182118.	1.1	26
15	Household air pollution and chronic hypoxia in the placenta of pregnant Nigerian women: A randomized controlled ethanol Cookstove intervention. <i>Science of the Total Environment</i> , 2018, 619-620, 212-220.	3.9	25
16	The Facilitatory Effects of Adjuvant Pharmaceuticals to Prolong the Duration of Local Anesthetic for Peripheral Nerve Block: A Systematic Review and Network Meta-analysis. <i>Anesthesia and Analgesia</i> , 2021, 133, 620-629.	1.1	24
17	Widespread antimicrobial resistance among bacterial infections in a Rwandan referral hospital. <i>PLoS ONE</i> , 2019, 14, e0221121.	1.1	19
18	Abnormal mid-trimester cardiac strain in women with chronic hypertension predates superimposed preeclampsia. <i>Pregnancy Hypertension</i> , 2017, 10, 251-255.	0.6	18

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19	Intraoperative oxygen concentration and neurocognition after cardiac surgery: study protocol for a randomized controlled trial. <i>Trials</i> , 2017, 18, 600.	0.7	18
20	Preliminary Study of Serum Biomarkers Associated With Delirium After Major Cardiac Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2022, 36, 118-124.	0.6	18
21	Interval Changes in Myocardial Performance Index Predict Outcome in Severe Sepsis. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2017, 31, 957-964.	0.6	17
22	Elimination of racial disparities in postpartum hypertension follow-up after incorporation of telehealth into a quality bundle. <i>American Journal of Obstetrics & Gynecology MFM</i> , 2022, 4, 100580.	1.3	17
23	Patient and Provider-Identified Factors Contributing to Surgical Readmission After Colorectal Surgery. <i>Journal of Investigative Surgery</i> , 2016, 29, 195-201.	0.6	14
24	Household air pollution and angiogenic factors in pregnant Nigerian women: A randomized controlled ethanol cookstove intervention. <i>Science of the Total Environment</i> , 2017, 599-600, 2175-2181.	3.9	14
25	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
26	Myocardial performance index in hypertensive disorders of pregnancy: The relationship between blood pressures and angiogenic factors. <i>Hypertension in Pregnancy</i> , 2017, 36, 161-167.	0.5	13
27	Angiogenic factor abnormalities and risk of peripartum complications and prematurity among urban predominantly obese parturients with chronic hypertension. <i>Pregnancy Hypertension</i> , 2020, 20, 124-130.	0.6	13
28	Predicting mortality in adults with suspected infection in a Rwandan hospital: an evaluation of the adapted MEWS, qSOFA and UVA scores. <i>BMJ Open</i> , 2021, 11, e040361.	0.8	13
29	Tau as a serum biomarker of delirium after major cardiac surgery: a single centre case-control study. <i>British Journal of Anaesthesia</i> , 2022, 129, e13-e16.	1.5	13
30	Virtual reality as an adjunct to anesthesia in the operating room. <i>Trials</i> , 2019, 20, 782.	0.7	12
31	The effect of a one-time 15-minute guided meditation (Isha Kriya) on stress and mood disturbances among operating room professionals: a prospective interventional pilot study. <i>F1000Research</i> , 2019, 8, 335.	0.8	12
32	The Effect of Hospital Volume on Mortality in Patients Admitted with Severe Sepsis. <i>PLoS ONE</i> , 2014, 9, e108754.	1.1	11
33	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
34	Anesthetics to Prevent Lung Injury in Cardiac Surgery (APLICS): a protocol for a randomized controlled trial. <i>Trials</i> , 2019, 20, 312.	0.7	11
35	Prevention of Early Postoperative Decline (PEaPoD): protocol for a randomized, controlled feasibility trial. <i>Trials</i> , 2018, 19, 676.	0.7	10
36	The repurposed use of anesthesia machines to ventilate critically ill patients with coronavirus disease 2019 (COVID-19). <i>BMC Anesthesiology</i> , 2021, 21, 155.	0.7	10

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37	Prevalence, risk factors and associated complications of postpartum hypertension in rural Haiti. <i>Pregnancy Hypertension</i> , 2017, 10, 135-142.	0.6	9
38	Multifactorial risk index for prediction of intraoperative blood transfusion in endovascular aneurysm repair. <i>Journal of Vascular Surgery</i> , 2018, 67, 778-784.	0.6	9
39	Association of antepartum blood pressure levels and angiogenic profile among women with chronic hypertension. <i>Pregnancy Hypertension</i> , 2018, 14, 110-114.	0.6	9
40	Real life outpatient biomarker use in management of hypertensive pregnancies in third trimester in a low resource SeTting: ROBUST study. <i>Pregnancy Hypertension</i> , 2021, 23, 97-103.	0.6	9
41	Evaluation of angiogenic factors in the decision to admit women with suspected preeclampsia. <i>Pregnancy Hypertension</i> , 2020, 21, 124-131.	0.6	8
42	Trends and Outcomes of Mechanical Circulatory Support in Peripartum Women, 2002-2014: A Nationwide Inpatient Sample Analysis. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2020, 34, 1198-1203.	0.6	8
43	Expert Evaluation of a Chicken Tissue-based Model for Teaching Ultrasound-guided Central Venous Catheter Insertion. <i>The Journal of Education in Perioperative Medicine: JEPM</i> , 2017, 19, E503.	0.5	8
44	Rapid Weight Gain Following Weight Cutting in Male and Female Professional Mixed Martial Artists. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2021, 31, 259-267.	1.0	6
45	Outcomes and mortality in parturient and non-parturient patients with peripartum cardiomyopathy: A national readmission database study. <i>Pregnancy Hypertension</i> , 2017, 10, 143-148.	0.6	5
46	Effect of blood pressure control in early pregnancy and clinical outcomes in African American women with chronic hypertension. <i>Pregnancy Hypertension</i> , 2020, 20, 102-107.	0.6	5
47	Use of the angiogenic biomarker profile to risk stratify patients with fetal growth restriction. <i>American Journal of Obstetrics & Gynecology MFM</i> , 2021, 3, 100394.	1.3	5
48	Rapid weight gain following weight cutting in male professional boxers. <i>Physician and Sportsmedicine</i> , 2022, 50, 494-500.	1.0	5
49	Inhaled Pulmonary Vasodilator Utilization and Cost Following Initiation of a Protocol in a Quaternary Academic Heart Center Intensive Care Unit. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2022, 36, 1343-1349.	0.6	5
50	Understanding and comparing practices of managing patients with hypertensive disorders of pregnancy in urban China and the United States. <i>Pregnancy Hypertension</i> , 2019, 17, 253-260.	0.6	4
51	Severe antepartum hypertension and associated peripartum morbidity among pregnant women in an urban tertiary care medical center. <i>Pregnancy Hypertension</i> , 2020, 19, 31-36.	0.6	4
52	Association Between Body Mass Index and Outcomes in Venoarterial Extracorporeal Membrane Oxygenation. <i>Anesthesia and Analgesia</i> , 2022, 134, 341-347.	1.1	4
53	Twelve-Month Cognitive and Functional Outcomes Following Cardiac Surgery: The DEXACET Trial of Intravenous Acetaminophen Versus Placebo. <i>Frontiers in Pharmacology</i> , 2022, 13, 803903.	1.6	4
54	The organizational structure of an intensive care unit influences treatment of hypotension among critically ill patients: A retrospective cohort study. <i>Journal of Critical Care</i> , 2016, 33, 14-18.	1.0	3

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55	Developing a Hypothesis and Statistical Planning. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2017, 31, 1878-1882.	0.6	3
56	Learning beyond the operating room: a call for feedback on postoperative care. <i>Canadian Journal of Anaesthesia</i> , 2018, 65, 1080-1081.	0.7	3
57	Racial Differences in Readmissions in Hypertensive Disorders of Pregnancy. <i>Reproductive Sciences</i> , 2022, 29, 2071-2078.	1.1	3
58	Intravenous Acetaminophen for Postoperative Delirium—Reply. <i>JAMA - Journal of the American Medical Association</i> , 2019, 322, 272.	3.8	2
59	Drug abuse amongst anesthesiologists in Brazil: a national survey. <i>Brazilian Journal of Anesthesiology (Elsevier)</i> , 2021, 71, 326-332.	0.2	1
60	The interval between births and the risk of recurrent preeclampsia among predominantly high risk women in urban tertiary care center. <i>Pregnancy Hypertension</i> , 2021, 25, 7-11.	0.6	1
61	Prevalence and management of severe intrapartum hypertension in patients with preeclampsia at an urban tertiary care medical center. <i>Pregnancy Hypertension</i> , 2022, 27, 87-93.	0.6	1
62	Effect of Preemptive Acetaminophen on Opioid Consumption: A Meta-Analysis. <i>Pain Physician</i> , 2021, 24, E153-E160.	0.3	1
63	Efficacy of different analgesia treatments for abdominal surgery: a network meta-analysis. <i>European Journal of Pain</i> , 2021, , .	1.4	0
64	Implementation of a risk-stratified approach to prevent postoperative nausea and vomiting in an institution with high baseline rates of prophylaxis. <i>Journal of Anaesthesiology Clinical Pharmacology</i> , 2021, 37, 453.	0.2	0
65	Women's perspectives and attitudes towards the utility of angiogenic biomarkers in preeclampsia. <i>Pregnancy Hypertension</i> , 2022, 28, 109-113.	0.6	0