

David L Reich

List of Publications by Year in descending order

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Version: 2024-02-01

82
papers

5,736
citations

304743

22
h-index

265206

42
g-index

87
all docs

87
docs citations

87
times ranked

14126
citing authors

#	ARTICLE	IF	CITATIONS
1	Delayed extubation in spine surgery is associated with increased postoperative complications and hospital episode-based resource utilization. <i>Journal of Clinical Anesthesia</i> , 2022, 77, 110636.	1.6	7
2	Obesity as a mortality risk factor in the medical ward: a case control study. <i>BMC Endocrine Disorders</i> , 2022, 22, 13.	2.2	6
3	Low Frequency of Folate and Vitamin B12 Deficiency in Patients with Marked Macrocytic Anemia. <i>Journal of General Internal Medicine</i> , 2022, , .	2.6	0
4	Association between COVID-19 diagnosis and presenting chief complaint from New York City triage data. <i>American Journal of Emergency Medicine</i> , 2021, 46, 520-524.	1.6	9
5	A <scp>Multiâ€Phase</scp> Quality Improvement Initiative for the Treatment of Active Delirium in Older Persons. <i>Journal of the American Geriatrics Society</i> , 2021, 69, 216-224.	2.6	8
6	MUST-Plus: A Machine Learning Classifier That Improves Malnutrition Screening in Acute Care Facilities. <i>Journal of the American College of Nutrition</i> , 2021, 40, 3-12.	1.8	9
7	AKI in Hospitalized Patients with COVID-19. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, 32, 151-160.	6.1	500
8	Use of Physiological Data From a Wearable Device to Identify SARS-CoV-2 Infection and Symptoms and Predict COVID-19 Diagnosis: Observational Study. <i>Journal of Medical Internet Research</i> , 2021, 23, e26107.	4.3	91
9	A COVID-19 Test Triage Tool, Predicting Negative Results and Reducing the Testing Burden on Healthcare Systems During a Pandemic. <i>Frontiers in Medicine</i> , 2021, 8, 563465.	2.6	3
10	RTâ€PCR/MALDIâ€TOF mass spectrometryâ€based detection of SARSâ€CoVâ€2 in saliva specimens. <i>Journal of Medical Virology</i> , 2021, 93, 5481-5486.	5.0	29
11	Lessons Learned From COVID-19 Resource Management at a New York Hospital. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021, 35, 1271-1273.	1.3	1
12	A Simple Free-Text-like Method for Extracting Semi-Structured Data from Electronic Health Records: Exemplified in Prediction of In-Hospital Mortality. <i>Big Data and Cognitive Computing</i> , 2021, 5, 40.	4.7	3
13	The association between obesity and peak antibody titer response in COVIDâ€19 infection. <i>Obesity</i> , 2021, 29, 1547-1553.	3.0	35
14	Synergistic effect of hypoalbuminaemia and hypotension in predicting in-hospital mortality and intensive care admission: a retrospective cohort study. <i>BMJ Open</i> , 2021, 11, e050216.	1.9	3
15	Optimizing cerebral oxygenation in cardiac surgery: A randomized controlled trial examining neurocognitive and perioperative outcomes. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 943-953.e3.	0.8	46
16	COVID-19: Staging of a New Disease. <i>Cancer Cell</i> , 2020, 38, 594-597.	16.8	48
17	Humoral response and PCR positivity in patients with COVID-19 in the New York City region, USA: an observational study. <i>Lancet Microbe</i> , The, 2020, 1, e283-e289.	7.3	133
18	Robust neutralizing antibodies to SARS-CoV-2 infection persist for months. <i>Science</i> , 2020, 370, 1227-1230.	12.6	1,035

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19	Hospitalised COVID-19 patients of the Mount Sinai Health System: a retrospective observational study using the electronic medical records. <i>BMJ Open</i> , 2020, 10, e040441.	1.9	48
20	Development and validation of a machine learning-based prediction model for near-term in-hospital mortality among patients with COVID-19. <i>BMJ Supportive and Palliative Care</i> , 2020, , bmjspcare-2020-002602.	1.6	42
21	Moderate or Severe Impairment in Pulmonary Function is Associated with Mortality in Sarcoidosis Patients Infected with SARS-CoV-2. <i>Lung</i> , 2020, 198, 771-775.	3.3	31
22	An inflammatory cytokine signature predicts COVID-19 severity and survival. <i>Nature Medicine</i> , 2020, 26, 1636-1643.	30.7	1,860
23	Convalescent plasma treatment of severe COVID-19: a propensity score-matched control study. <i>Nature Medicine</i> , 2020, 26, 1708-1713.	30.7	405
24	MEWS++: Enhancing the Prediction of Clinical Deterioration in Admitted Patients through a Machine Learning Model. <i>Journal of Clinical Medicine</i> , 2020, 9, 343.	2.4	37
25	Severe Obesity as an Independent Risk Factor for COVID-19 Mortality in Hospitalized Patients Younger than 50. <i>Obesity</i> , 2020, 28, 1595-1599.	3.0	238
26	Machine Learning to Predict Mortality and Critical Events in a Cohort of Patients With COVID-19 in New York City: Model Development and Validation. <i>Journal of Medical Internet Research</i> , 2020, 22, e24018.	4.3	174
27	Commentary: What makes a cardiac surgical intensive care unit safe after midnight?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 1543-1544.	0.8	0
28	Vigilance Research and Just Culture Principles. <i>Anesthesiology</i> , 2018, 128, 6-7.	2.5	0
29	Chasing the elusive cerebral autoregulation curve in pursuit of intraoperative brain protection. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2017, 154, 1599-1600.	0.8	0
30	Healthcare Reform and the Cardiac Anesthesiologist/Intensivist: Challenges Ahead. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2017, 31, 329-333.	1.3	1
31	A Case Report of Cystic Pheochromocytoma. <i>American Journal of Case Reports</i> , 2017, 18, 826-829.	0.8	4
32	EHDViz: clinical dashboard development using open-source technologies. <i>BMJ Open</i> , 2016, 6, e010579.	1.9	48
33	Data-Driven Interdisciplinary Interventions to Improve Inpatient Pain Management. <i>American Journal of Medical Quality</i> , 2013, 28, 187-195.	0.5	2
34	Pulse oximetry. , 2011, , 185-198.		1
35	Perioperative monitoring of neuromuscular function. , 2011, , 261-280.		2
36	Critical care testing in the operating room. , 2011, , 281-290.		0

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37	Delirium monitoring. , 2011, , 360-368.		0
38	Central Nervous System Protection in Cardiac Surgery. Seminars in Cardiothoracic and Vascular Anesthesia, 2010, 14, 32-37.	1.0	4
39	Controlling Data Flow Enhances Anesthesiologyâ€™s Role in Perioperative Care. Journal of Clinical Monitoring and Computing, 2008, 22, 221-224.	1.6	2
40	A Mission-Based Productivity Compensation Model for an Academic Anesthesiology Department. Anesthesia and Analgesia, 2008, 107, 1981-1988.	2.2	40
41	Perioperative Interventions to Modify Risk of Morbidity and Mortality. Seminars in Cardiothoracic and Vascular Anesthesia, 2007, 11, 224-230.	1.0	13
42	Development of a Module for Point-of-care Charge Capture and Submission Using an Anesthesia Information Management System. Anesthesiology, 2006, 105, 179-186.	2.5	40
43	Future Directions in Cardiac and Vascular Anesthesia: Unanswered Questions Regarding Variables Controllable by Anesthetic Management. Seminars in Cardiothoracic and Vascular Anesthesia, 2006, 10, 3-5.	1.0	4
44	Predictors of Hypotension After Induction of General Anesthesia. Anesthesia and Analgesia, 2005, 101, 622-628.	2.2	435
45	Using jugular bulb oxyhemoglobin saturation to guide onset of deep hypothermic circulatory arrest does not affect post-operative neuropsychological function. European Journal of Cardio-thoracic Surgery, 2004, 25, 401-406.	1.4	19
46	Comparison of Cisatracurium and Vecuronium by Infusion in Neonates and Small Infants after Congenital Heart Surgery. Anesthesiology, 2004, 101, 1122-1127.	2.5	26
47	Association of intraoperative hypotension and pulmonary hypertension with adverse outcomes after orthotopic liver transplantation. Journal of Cardiothoracic and Vascular Anesthesia, 2003, 17, 699-702.	1.3	77
48	Con: retrograde cerebral perfusion is not an optimal method of neuroprotection in thoracic aortic surgery. Journal of Cardiothoracic and Vascular Anesthesia, 2003, 17, 768-769.	1.3	5
49	Intraoperative Tachycardia and Hypertension Are Independently Associated with Adverse Outcome in Noncardiac Surgery of Long Duration. Anesthesia and Analgesia, 2002, 95, 273-277.	2.2	181
50	Nonâ€“Q-Wave Infarction and Ostial Left Coronary Obstruction Due to Giant Lamblâ€™s Excrescences of the Aortic Valve. Circulation, 1999, 99, 1919-1921.	1.6	15
51	The history of anesthesia and perioperative monitoring. , 0, , 1-8.		0
52	Medicolegal implications of monitoring. , 0, , 9-15.		1
53	Validity, accuracy, and repeatability of monitoring variables. , 0, , 16-26.		0
54	Teaching monitoring skills. , 0, , 27-35.		0

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55	Arterial pressure monitoring. , 0 , 45-56.		1
56	Central venous and pulmonary artery catheterization. , 0 , 57-78.		1
57	Cardiac output and intravascular volume. , 0 , 79-94.		3
58	Gastric tonometry. , 0 , 95-97.		0
59	Oxygen delivery, oxygen transport, and tissue oxygen tension. , 0 , 98-104.		0
60	Transesophageal echocardiography. , 0 , 105-135.		0
61	Ultrasound guidance of vascular catheterization. , 0 , 136-144.		0
62	Ultrasound guidance for regional anesthesia procedures. , 0 , 145-149.		0
63	Respiratory gas monitoring. , 0 , 150-170.		0
64	Monitoring pressure, volume, and flow in the anesthesia breathing system. , 0 , 171-184.		1
65	Neurologic intraoperative electrophysiologic monitoring. , 0 , 199-217.		0
66	Level of consciousness monitoring. , 0 , 218-225.		0
67	Transcranial Doppler. , 0 , 226-236.		0
68	Multimodality monitoring in critically ill neurologic patients. , 0 , 237-248.		0
69	Near-infrared spectroscopy. , 0 , 249-260.		0
70	Laboratory-based tests of blood clotting. , 0 , 291-307.		2
71	Coagulation and hematologic point-of-care testing. , 0 , 308-318.		0
72	Cardiac biomarkers for perioperative management. , 0 , 319-326.		0

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73	Endocrine testing in the operating room. , 0, , 327-330.		0
74	Temperature monitoring. , 0, , 331-336.		2
75	Fetal heart rate monitoring. , 0, , 337-347.		0
76	Pain scales. , 0, , 348-352.		0
77	Neurologic clinical scales. , 0, , 353-356.		0
78	Postanesthesia care unit assessment scales. , 0, , 357-359.		0
79	Intensive care unit risk scoring. , 0, , 369-382.		0
80	Computers and monitoring. , 0, , 383-396.		0
81	Machine Learning to Predict In-Hospital Mortality among Patients with Severe Obesity: Proof of Concept Study. Obesity Science and Practice, 0, , .	1.9	0
82	Innovating in a crisis: a qualitative evaluation of a hospital and Google partnership to implement a COVID-19 inpatient video monitoring program. Journal of the American Medical Informatics Association: JAMIA, 0, , .	4.4	1