

Michael C Grant

List of Publications by Year in descending order

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Version: 2024-02-01

88
papers

3,648
citations

147566

31
h-index

143772

57
g-index

89
all docs

89
docs citations

89
times ranked

3586
citing authors

#	ARTICLE	IF	CITATIONS
1	Postoperative Multimodal Analgesia Pain Management With Nonopioid Analgesics and Techniques. <i>JAMA Surgery</i> , 2017, 152, 691.	2.2	647
2	2021 ACC/AHA/SCAI Guideline for Coronary Artery Revascularization. <i>Journal of the American College of Cardiology</i> , 2022, 79, e21-e129.	1.2	561
3	2021 ACC/AHA/SCAI Guideline for Coronary Artery Revascularization: A Report of the American College of Cardiology/American Heart Association Joint Committee on Clinical Practice Guidelines. <i>Circulation</i> , 2022, 145, CIR0000000000001038.	1.6	177
4	Impact of Enhanced Recovery After Surgery and Fast Track Surgery Pathways on Healthcare-associated Infections. <i>Annals of Surgery</i> , 2017, 265, 68-79.	2.1	135
5	Implementation Costs of an Enhanced Recovery After Surgery Program in the United States: A Financial Model and Sensitivity Analysis Based on Experiences at a Quaternary Academic Medical Center. <i>Journal of the American College of Surgeons</i> , 2016, 222, 219-225.	0.2	118
6	A Meta-analysis of Intraoperative Ventilation Strategies to Prevent Pulmonary Complications. <i>Annals of Surgery</i> , 2016, 263, 881-887.	2.1	106
7	Adult Cardiac Surgery During the COVID-19 Pandemic: A Tiered Patient Triage Guidance Statement. <i>Annals of Thoracic Surgery</i> , 2020, 110, 697-700.	0.7	102
8	American Society for Enhanced Recovery and Perioperative Quality Initiative-4 Joint Consensus Statement on Persistent Postoperative Opioid Use: Definition, Incidence, Risk Factors, and Health Care System Initiatives. <i>Anesthesia and Analgesia</i> , 2019, 129, 543-552.	1.1	91
9	American Society for Enhanced Recovery and Perioperative Quality Initiative Joint Consensus Statement on Perioperative Opioid Minimization in Opioid-Naïve Patients. <i>Anesthesia and Analgesia</i> , 2019, 129, 567-577.	1.1	89
10	Barriers to and Facilitators of Implementing Enhanced Recovery Pathways Using an Implementation Framework. <i>JAMA Surgery</i> , 2018, 153, 270.	2.2	81
11	Results from an enhanced recovery program for cardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 1393-1402.e7.	0.4	81
12	Guidelines for Perioperative Care for Emergency Laparotomy Enhanced Recovery After Surgery (ERAS) Society Recommendations: Part 1—Preoperative: Diagnosis, Rapid Assessment and Optimization. <i>World Journal of Surgery</i> , 2021, 45, 1272-1290.	0.8	65
13	American Society for Enhanced Recovery and Perioperative Quality Initiative Joint Consensus Statement on Perioperative Management of Patients on Preoperative Opioid Therapy. <i>Anesthesia and Analgesia</i> , 2019, 129, 553-566.	1.1	64
14	Enhanced Recovery After Surgery Protocols for Open Hepatectomy—Physiology, Immunomodulation, and Implementation. <i>Journal of Gastrointestinal Surgery</i> , 2015, 19, 387-399.	0.9	62
15	Impact of Preoperative Erythropoietin on Allogeneic Blood Transfusions in Surgical Patients: Results From a Systematic Review and Meta-analysis. <i>Anesthesia and Analgesia</i> , 2019, 128, 981-992.	1.1	61
16	Enhanced Recovery After Cardiac Surgery (ERAS Cardiac) Recommendations: An Important First Step—But There Is Much Work to Be Done. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2020, 34, 39-47.	0.6	61
17	Intraoperative cerebral oximetry-based management for optimizing perioperative outcomes: a meta-analysis of randomized controlled trials. <i>Canadian Journal of Anaesthesia</i> , 2018, 65, 529-542.	0.7	56
18	Phylogenetic relationships of wild silkmoths (Lepidoptera: Saturniidae) inferred from four protein-coding nuclear genes. <i>Systematic Entomology</i> , 2008, 33, 219-228.	1.7	55

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19	The Effect of Intravenous Midazolam on Postoperative Nausea and Vomiting. <i>Anesthesia and Analgesia</i> , 2016, 122, 656-663.	1.1	55
20	Relation between bispectral index measurements of anesthetic depth and postoperative mortality: a meta-analysis of observational studies. <i>Canadian Journal of Anaesthesia</i> , 2017, 64, 597-607.	0.7	48
21	Evidence Review Conducted for the Agency for Healthcare Research and Quality Safety Program for Improving Surgical Care and Recovery: Focus on Anesthesiology for Colorectal Surgery. <i>Anesthesia and Analgesia</i> , 2019, 128, 879-889.	1.1	46
22	Preserved Analgesia With Reduction in Opioids Through the Use of an Acute Pain Protocol in Enhanced Recovery After Surgery for Open Hepatectomy. <i>Regional Anesthesia and Pain Medicine</i> , 2017, 42, 451-457.	1.1	44
23	Adult cardiac surgery during the COVID-19 pandemic: A tiered patient triage guidance statement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 160, 452-455.	0.4	42
24	The Effect of Preoperative Gabapentin on Postoperative Nausea and Vomiting. <i>Anesthesia and Analgesia</i> , 2016, 122, 976-985.	1.1	39
25	The Impact of Anesthesia-Influenced Process Measure Compliance on Length of Stay: Results From an Enhanced Recovery After Surgery for Colorectal Surgery Cohort. <i>Anesthesia and Analgesia</i> , 2019, 128, 68-74.	1.1	39
26	Predictors of new persistent opioid use after coronary artery bypass grafting. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 160, 954-963.e4.	0.4	39
27	The US Opioid Crisis: A Role for Enhanced Recovery After Surgery. <i>Anesthesia and Analgesia</i> , 2017, 125, 1803-1805.	1.1	38
28	Opioid-Sparing Cardiac Anesthesia: Secondary Analysis of an Enhanced Recovery Program for Cardiac Surgery. <i>Anesthesia and Analgesia</i> , 2020, 131, 1852-1861.	1.1	38
29	The Efficacy and Utility of Acute Normovolemic Hemodilution. <i>Anesthesia and Analgesia</i> , 2015, 121, 1412-1414.	1.1	35
30	Should Hospitals Market Opioid-Sparing Analgesia to Patients?. <i>Regional Anesthesia and Pain Medicine</i> , 2018, 43, 2-4.	1.1	34
31	The Effect of Preoperative Pregabalin on Postoperative Nausea and Vomiting: A Meta-analysis. <i>Anesthesia and Analgesia</i> , 2016, 123, 1100-1107.	1.1	33
32	The effect of community socioeconomic status on sepsis-attributable mortality. <i>Journal of Critical Care</i> , 2018, 46, 129-133.	1.0	31
33	Adult Cardiac Surgery and the COVID-19 Pandemic: Aggressive Infection Mitigation Strategies Are Necessary in the Operating Room and Surgical Recovery. <i>Annals of Thoracic Surgery</i> , 2020, 110, 707-711.	0.7	31
34	Transesophageal Echocardiography in Patients Undergoing Coronary Artery Bypass Graft Surgery. <i>Journal of the American College of Cardiology</i> , 2021, 78, 112-122.	1.2	29
35	Clinical predictors of postoperative hemoglobin drift. <i>Transfusion</i> , 2014, 54, 1460-1468.	0.8	27
36	Ramping Up Delivery of Cardiac Surgery During the COVID-19 Pandemic: A Guidance Statement From The Society of Thoracic Surgeons COVID-19 Task Force. <i>Annals of Thoracic Surgery</i> , 2020, 110, 712-717.	0.7	27

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37	Dedicated Operating Room Teams and Clinical Outcomes in an Enhanced Recovery after Surgery Pathway for Colorectal Surgery. <i>Journal of the American College of Surgeons</i> , 2018, 226, 267-276.	0.2	26
38	An Innovative Perioperative Pain Program for Chronic Opioid Users: An Academic Medical Center's Response to the Opioid Crisis. <i>American Journal of Medical Quality</i> , 2019, 34, 5-13.	0.2	20
39	Evidence Review Conducted for the Agency for Healthcare Research and Quality Safety Program for Improving Surgical Care and Recovery: Focus on Anesthesiology for Bariatric Surgery. <i>Anesthesia and Analgesia</i> , 2019, 129, 51-60.	1.1	20
40	New Persistent Opioid Use After Aortic and Mitral Valve Surgery in Commercially Insured Patients. <i>Annals of Thoracic Surgery</i> , 2020, 110, 829-835.	0.7	19
41	Evidence Review Conducted for the Agency for Healthcare Research and Quality Safety Program for Improving Surgical Care and Recovery. <i>Anesthesia and Analgesia</i> , 2019, 128, 1107-1117.	1.1	18
42	Adult cardiac surgery and the COVID-19 pandemic: Aggressive infection mitigation strategies are necessary in the operating room and surgical recovery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 160, 447-451.	0.4	17
43	Retrograde Autologous Priming in Cardiac Surgery: Results From a Systematic Review and Meta-analysis. <i>Anesthesia and Analgesia</i> , 2021, 132, 100-107.	1.1	17
44	Risk factors for acute kidney injury in an enhanced recovery pathway for colorectal surgery. <i>Surgery Today</i> , 2021, 51, 537-544.	0.7	17
45	Enhanced Recovery after Surgery for Colorectal Surgery: A Review of the Economic Implications. <i>Clinics in Colon and Rectal Surgery</i> , 2019, 32, 129-133.	0.5	16
46	Expert Consensus of Data Elements for Collection for Enhanced Recovery After Cardiac Surgery. <i>World Journal of Surgery</i> , 2021, 45, 917-925.	0.8	15
47	Perioperative Coronavirus Vaccination's Timing and Implications: A Guidance Document. <i>Annals of Thoracic Surgery</i> , 2021, 112, 1707-1715.	0.7	14
48	Cardiac Surgery-Enhanced Recovery Programs Modified for COVID-19: Key Steps to Preserve Resources, Manage Caseload Backlog, and Improve Patient Outcomes. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2020, 34, 3218-3224.	0.6	13
49	How Do We Use Dashboards to Enhance Quality in Cardiac Anesthesia?. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021, 35, 2969-2976.	0.6	11
50	Complications of CO ₂ insufflation during endoscopic vein harvesting. <i>Journal of Cardiac Surgery</i> , 2017, 32, 783-789.	0.3	10
51	Technical Evidence Review for Emergency Major Abdominal Operation Conducted for the AHRQ Safety Program for Improving Surgical Care and Recovery. <i>Journal of the American College of Surgeons</i> , 2020, 231, 743-764e5.	0.2	10
52	Epidemiology of septic meningitis associated with neuraxial anesthesia: a historical review and meta-analysis. <i>Minerva Anestesiologica</i> , 2018, 84, 363-377.	0.6	9
53	Is Aprotinin Safe to Use in a Cohort at Increased Risk for Thrombotic Events: Results From a Randomized, Prospective Trial in Off-Pump Coronary Artery Bypass. <i>Annals of Thoracic Surgery</i> , 2008, 86, 815-822.	0.7	8
54	Is enhanced recovery enough for reducing 30-d readmissions after surgery?. <i>Journal of Surgical Research</i> , 2017, 217, 45-53.	0.8	8

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55	Perioperative Dextrose Infusion and Postoperative Nausea and Vomiting: A Meta-analysis of Randomized Trials. <i>Anesthesia and Analgesia</i> , 2019, 129, 943-950.	1.1	8
56	Goal-Directed Fluid Therapy and Postoperative Outcomes in an Enhanced Recovery Program for Colorectal Surgery: A Propensity Score-Matched Multicenter Study. <i>American Surgeon</i> , 2021, 87, 1189-1195.	0.4	8
57	Labeling Morphine Milligram Equivalents on Opioid Packaging: a Potential Patient Safety Intervention. <i>Current Pain and Headache Reports</i> , 2018, 22, 46.	1.3	7
58	Opioid tolerance impacts compliance with enhanced recovery pathway after major abdominal surgery. <i>Surgery</i> , 2019, 166, 1055-1060.	1.0	7
59	Institutional factors associated with adherence to enhanced recovery protocols for colorectal surgery: Secondary analysis of a multicenter study. <i>Journal of Clinical Anesthesia</i> , 2021, 74, 110378.	0.7	7
60	Early ambulation after colorectal oncologic resection with perineal reconstruction is safe and effective. <i>American Journal of Surgery</i> , 2019, 218, 125-130.	0.9	6
61	Understanding the Economic Impact of an Essential Service: Applying Time-Driven Activity-Based Costing to the Hospital Airway Response Team. <i>Anesthesia and Analgesia</i> , 2022, 134, 445-453.	1.1	5
62	Therapeutic drug monitoring of valproic acid in extracorporeal membrane oxygenation. <i>Perfusion (United Kingdom)</i> , 2020, 36, 026765912097227.	0.5	4
63	Perioperative methadone prescribing and association with respiratory depression. <i>Journal of Opioid Management</i> , 2020, 16, 443-449.	0.2	4
64	Selecting Elements for a Cardiac Enhanced Recovery Protocol. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021, 35, 3847-3848.	0.6	3
65	The monthly operating cost of an institutional COVID-19 airway response team: A financial model and sensitivity analysis based on experience at an academic medical center. <i>Perioperative Care and Operating Room Management</i> , 2021, 23, 100168.	0.2	3
66	Is it time to eliminate the use of opioids in cardiac surgery?. <i>JTCVS Open</i> , 2021, 7, 247-252.	0.2	3
67	Enhanced Recovery Programs for Colorectal Surgery and Postoperative Acute Kidney Injury: Results From a Systematic Review and Meta-Analysis of Observational Studies. <i>American Surgeon</i> , 2021, 87, 1444-1451.	0.4	3
68	Patient Characteristics Influencing Adherence to Enhanced Recovery Protocols for Colorectal Surgery: a Multicentric Prospective Study. <i>Journal of Gastrointestinal Surgery</i> , 2022, 26, 911-916.	0.9	3
69	Laying the First Brick: A Foundation for Medical Investigation Through Big Data. <i>Anesthesia and Analgesia</i> , 2022, 134, 5-7.	1.1	3
70	Surgical Triage and Timing for Patients With Coronavirus Disease: A Guidance Statement from The Society of Thoracic Surgeons. <i>Annals of Thoracic Surgery</i> , 2022, 114, 387-393.	0.7	3
71	Perioperative Esmolol and Opioids. <i>Regional Anesthesia and Pain Medicine</i> , 2018, 43, 813-814.	1.1	2
72	The Future of Healthcare through a Systems Approach. , 2018, , .		2

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73	On-label compared to off-label four-factor prothrombin complex concentrate use: a retrospective, observational study. <i>Transfusion</i> , 2019, 59, 2678-2684.	0.8	2
74	Putting the 2021 ACC/AHA/SCAI Guideline for Coronary Artery Revascularization Into Practice. <i>JACC: Case Reports</i> , 2022, 4, 31-35.	0.3	2
75	Situational Awareness of Opioid Consumption: The Missing Link to Reducing Dependence After Surgery?. <i>Anesthesia and Analgesia</i> , 2022, 135, 653-658.	1.1	2
76	Controversies in enhanced recovery after cardiac surgery. <i>Perioperative Medicine (London, England)</i> , 2022, 11, 19.	0.6	2
77	Placement of the Double-Lumen Endotracheal Tube: One Size Doesn't Fit All. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2018, 32, 287-289.	0.6	1
78	AAAPT Diagnostic Criteria for Acute Abdominal and Peritoneal Pain After Surgery. <i>Journal of Pain</i> , 2020, 21, 1125-1137.	0.7	1
79	Perioperative Precedex: Whole New Ball Game or Whole New Ball of Wax?. <i>Anesthesia and Analgesia</i> , 2021, 132, 317-319.	1.1	1
80	Early Return to Intended Oncologic Therapy after implementation of an Enhanced Recovery After Surgery pathway for gastric cancer surgery. <i>Langenbeck's Archives of Surgery</i> , 2022, 407, 2293-2300.	0.8	1
81	In Response. <i>Anesthesia and Analgesia</i> , 2018, 127, 319-320.	1.1	0
82	In Response. <i>Anesthesia and Analgesia</i> , 2019, 129, e111.	1.1	0
83	Reply: Have we done the best that we could have done?. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 160, e149-e151.	0.4	0
84	Reply: Splitting over lumping in mechanical support for acute respiratory distress syndrome. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 161, e214-e215.	0.4	0
85	In Response. <i>Anesthesia and Analgesia</i> , 2021, 132, e79-e80.	1.1	0
86	Commentary: A missing link between good theory and suspect prescription practice. <i>JTCVS Open</i> , 2021, , .	0.2	0
87	Reply. <i>Journal of the American College of Cardiology</i> , 2021, 78, e139-e140.	1.2	0
88	The journey to standardizing cardiac perioperative care. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2022, 41, 101099.	0.6	0