

David J Murray

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

2,862
citations

159585

30
h-index

168389

53
g-index

73
all docs

73
docs citations

73
times ranked

1756
citing authors

#	ARTICLE	IF	CITATIONS
1	Emergence behaviour in children: defining the incidence of excitement and agitation following anaesthesia. Paediatric Anaesthesia, 2002, 12, 442-447.	1.1	202
2	Reliability and Validity of a Simulation-based Acute Care Skills Assessment for Medical Students and Residents. Anesthesiology, 2003, 99, 1270-1280.	2.5	202
3	Packed Red Cells in Acute Blood Loss. Anesthesia and Analgesia, 1995, 80, 336-342.	2.2	167
4	Simulation-based Assessment in Anesthesiology. Anesthesiology, 2010, 112, 1041-1052.	2.5	159
5	Heparin detection by the activated coagulation time: A comparison of the sensitivity of coagulation tests and heparin assays. Journal of Cardiothoracic and Vascular Anesthesia, 1997, 11, 24-28.	1.3	150
6	Pediatric Laryngeal Dimensions: An Age-Based Analysis. Anesthesia and Analgesia, 2009, 108, 1475-1479.	2.2	128
7	Performance of Residents and Anesthesiologists in a Simulation-based Skill Assessment. Anesthesiology, 2007, 107, 705-713.	2.5	123
8	Acute Care Skills in Anesthesia Practice. Anesthesiology, 2004, 101, 1084-1095.	2.5	122
9	Blood loss during posterior spinal fusion surgery in patients with neuromuscular disease: is there an increased risk?. Paediatric Anaesthesia, 2003, 13, 818-822.	1.1	98
10	Aprotinin Reduces Blood Loss During Spinal Surgery in Children. Spine, 2003, 28, 2482-2485.	2.0	98
11	Sedation and Anesthesia Protocols Used for Magnetic Resonance Imaging Studies in Infants: Provider and Pharmacologic Considerations. Anesthesia and Analgesia, 2006, 103, 863-868.	2.2	93
12	Transfusion Management in Pediatric and Adolescent Scoliosis Surgery. Spine, 1997, 22, 2735-2740.	2.0	87
13	A Simulation-Based Acute Skills Performance Assessment for Anesthesia Training. Anesthesia and Analgesia, 2005, 101, 1127-1134.	2.2	76
14	An acute care skills evaluation for graduating medical students: a pilot study using clinical simulation. Medical Education, 2002, 36, 833-841.	2.1	64
15	Comparative Hemodynamic Depression of Halothane Versus Isoflurane in Neonates and Infants. Anesthesia and Analgesia, 1992, 74, 329-337.	2.2	59
16	Pulsed Doppler and Two-dimensional Echocardiography. Anesthesiology, 1987, 67, 211-217.	2.5	58
17	Video Review Using a Reliable Evaluation Metric Improves Team Function in High-Fidelity Simulated Trauma Resuscitation. Journal of Surgical Education, 2012, 69, 428-431.	2.5	57
18	Simulation-based Assessment of Pediatric Anesthesia Skills. Anesthesiology, 2011, 115, 1308-1315.	2.5	56

#	ARTICLE	IF	CITATIONS
19	Review article: Assessment in anesthesiology education. Canadian Journal of Anaesthesia, 2012, 59, 182-192.	1.6	51
20	Simulation in Pediatrics: The Reliability and Validity of a Multiscenario Assessment. Pediatrics, 2011, 128, 335-343.	2.1	43
21	Neuromuscular and cardiovascular effects of mivacurium chloride in surgical patients receiving nitrous oxide-narcotic or nitrous oxide-isoflurane anaesthesia. Canadian Journal of Anaesthesia, 1989, 36, 641-650.	1.6	42
22	Coagulopathy After Reinfusion of Autologous Scavenged Red Blood Cells. Anesthesia and Analgesia, 1992, 75, 125-129.	2.2	42
23	Variability of prothrombin time and activated partial thromboplastin time in the diagnosis of increased surgical bleeding. Transfusion, 1999, 39, 56-62.	1.6	42
24	Acute normovolemic hemodilution. European Spine Journal, 2004, 13, S72-S75.	2.2	39
25	Setting Performance Standards for Mannequin-Based Acute-Care Scenarios. Simulation in Healthcare, 2008, 3, 72-81.	1.2	37
26	Sevoflurane versus halothane: effect of oxycodone premedication on emergence behaviour in children. Paediatric Anaesthesia, 2002, 12, 308-312.	1.1	34
27	Team Behavior During Trauma Resuscitation: A Simulation-Based Performance Assessment. Journal of Graduate Medical Education, 2009, 1, 253-259.	1.3	34
28	Management of Anesthesia Equipment Failure: A Simulation-Based Resident Skill Assessment. Anesthesia and Analgesia, 2009, 109, 426-433.	2.2	34
29	Simulation-Based Assessment of ECMO Clinical Specialists. Simulation in Healthcare, 2016, 11, 194-199.	1.2	34
30	Evaluation of an animal model for teaching fiberoptic tracheal intubation. Canadian Journal of Anaesthesia, 1989, 36, 141-144.	1.6	30
31	Progress in simulation education. Current Opinion in Anaesthesiology, 2014, 27, 610-615.	2.0	28
32	Decision Making in Trauma Settings. Simulation in Healthcare, 2015, 10, 139-145.	1.2	28
33	Simulation in pediatric anesthesiology. Paediatric Anaesthesia, 2012, 22, 988-994.	1.1	27
34	Communication and Teamwork. Anesthesiology, 2007, 106, 895-896.	2.5	26
35	Upper airway dimensions in children using rigid video-bronchoscopy and a computer software: description of a measurement technique. Paediatric Anaesthesia, 2008, 18, 645-653.	1.1	22
36	Haemodynamic effects of rectal methohexitone for induction of anaesthesia in children. Canadian Journal of Anaesthesia, 1989, 36, 526-529.	1.6	20

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37	Haemodynamic effects of atropine during halothane or isoflurane anaesthesia in infants and small children. <i>Canadian Journal of Anaesthesia</i> , 1989, 36, 295-300.	1.6	19
38	Nitrous Oxide: Cardiovascular Effects in Infants and Small Children During Halothane and Isoflurane Anesthesia. <i>Anesthesia and Analgesia</i> , 1988, 67, 1059-1064.	2.2	18
39	Clinical skills in acute care: A role for simulation training*. <i>Critical Care Medicine</i> , 2006, 34, 252-253.	0.9	18
40	Difficult airway consultation service for children: steps to implement and preliminary results. <i>Paediatric Anaesthesia</i> , 2015, 25, 363-371.	1.1	18
41	Simulation-Based Assessment of Critical Care "Front-Line" Providers*. <i>Critical Care Medicine</i> , 2018, 46, e516-e522.	0.9	17
42	Clinical simulation: measuring the efficacy of training. <i>Current Opinion in Anaesthesiology</i> , 2005, 18, 645-648.	2.0	15
43	Hemodynamic responses to nitrous oxide during inhalation anesthesia in pediatric patients. <i>Journal of Clinical Anesthesia</i> , 1991, 3, 14-19.	1.6	14
44	Anesthesia for magnetic resonance imaging in children: A low incidence of protracted post-procedure vomiting. <i>Journal of Clinical Anesthesia</i> , 1995, 7, 232-236.	1.6	14
45	Case Scenario: Hypotonia in Infancy. <i>Anesthesiology</i> , 2013, 119, 443-446.	2.5	13
46	Pharmacokinetics of two per cent rectal methohexitone in children. <i>Canadian Journal of Anaesthesia</i> , 1989, 36, 160-164.	1.6	11
47	Decision-making skills improve with critical care training: Using simulation to measure progress. <i>Journal of Critical Care</i> , 2018, 47, 133-138.	2.2	10
48	Simulation Training and Assessment. <i>Anesthesiology</i> , 2010, 112, 8-9.	2.5	10
49	Anesthesiology Board Certification Changes. <i>Anesthesiology</i> , 2018, 128, 704-706.	2.5	9
50	Subglottic Airway Foreign Body. <i>Anesthesiology</i> , 2011, 115, 1300-1300.	2.5	8
51	Acute care of pediatric patients with sickle cell disease: A simulation performance assessment. <i>Pediatric Blood and Cancer</i> , 2013, 60, 1492-1498.	1.5	7
52	Real-Time Captioning for Improving Informed Consent. <i>Regional Anesthesia and Pain Medicine</i> , 2016, 41, 65-68.	2.3	6
53	The Simulation-Based Assessment of Pediatric Rapid Response Teams. <i>Journal of Pediatrics</i> , 2017, 188, 258-262.e1.	1.8	6
54	Description and function of a difficult airway service. <i>Paediatric Anaesthesia</i> , 2020, 30, 375-382.	1.1	6

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55	Point of View: Hemodilution as a Method to Reduce Transfusion Requirements in Adolescent Spine Fusion Surgery. <i>Spine</i> , 1999, 24, 223-224.	2.0	5
56	Simulation-Based Curriculum: The Breadth of Applications in Graduate Medical Education. <i>Journal of Graduate Medical Education</i> , 2012, 4, 549-550.	1.3	5
57	Competence in Decision Making: Setting Performance Standards for Critical Care. <i>Anesthesia and Analgesia</i> , 2021, 133, 142-150.	2.2	4
58	Nitrous Oxide: Cardiovascular Effects in Infants and Small Children During Halothane and Isoflurane Anesthesia. <i>Anesthesia and Analgesia</i> , 1988, 67, 1059-1064.	2.2	4
59	Review of the hemodynamic profile of doxacurium chloride in healthy patients. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 1990, 4, 24-27.	0.2	3
60	Simulation and the diagnostic process: a pilot study of trauma and rapid response teams. <i>Diagnosis</i> , 2017, 4, 241-249.	1.9	3
61	Using Simulation to Study Speaking Up and Team Performance. <i>Anesthesia and Analgesia</i> , 2013, 116, 1183-1184.	2.2	2
62	Adding Science to the Decision to Extubate Children. <i>Anesthesiology</i> , 2019, 131, 769-770.	2.5	1
63	Designing, Choosing, and Using Assessment Tools in Healthcare Simulation Research. , 2019, , 183-190.		1
64	The Simulation-derived Algorithm. <i>Anesthesiology</i> , 2012, 117, 701-702.	2.5	1
65	Acute normovolemic hemodilution. , 2005, , 72-75.		0
66	In Reply. <i>Anesthesiology</i> , 2018, 129, 1190-1191.	2.5	0
67	The Use of Simulation Education in Competency Assessment: More Questions than Answers. <i>Anesthesiology</i> , 2008, 108, 167-168.	2.5	0
68	Images in Anesthesiology: Transient Paraplegia after Anesthesia for Magnetic Resonance Imaging. <i>Anesthesiology</i> , 2010, 113, 687-687.	2.5	0
69	Leadership in Postgraduate Medical Education. <i>Anesthesiology</i> , 2010, 113, 754-754.	2.5	0
70	Communication Challenges During the Perioperative Period. , 2020, , 333-336.		0