

Thomas M Hemmerling

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

1,622
citations

279798

23
h-index

315739

38
g-index

72
all docs

72
docs citations

72
times ranked

976
citing authors

#	ARTICLE	IF	CITATIONS
1	Complications of Aesthetic Liposuction Performed in Isolation: A Systematic Literature Review and Meta-Analysis. <i>Plastic Surgery</i> , 2024, 32, 19-32.	1.0	1
2	Complications in Brachioplasty: A Systematic Review and Meta-Analysis. <i>Plastic and Reconstructive Surgery</i> , 2022, 149, 83-95.	1.4	1
3	Exposing medical students to various difficulty levels of simulated endotracheal intubations improves success rate: a randomised non-blinded trial. <i>BMJ Simulation and Technology Enhanced Learning</i> , 2020, 6, 76-80.	0.7	0
4	Robots Will Perform Anesthesia in the Near Future. <i>Anesthesiology</i> , 2020, 132, 219-220.	2.5	23
5	Autonomous Systems in Anesthesia: Where Do We Stand in 2020? A Narrative Review. <i>Anesthesia and Analgesia</i> , 2020, 130, 1120-1132.	2.2	55
6	Robots Will Perform Anesthesia in the Near Future: Reply. <i>Anesthesiology</i> , 2020, 133, 670-671.	2.5	1
7	Ultrasonography Technique in Abdominal Subcutaneous Adipose Tissue Measurement: A Systematic Review. <i>Journal of Ultrasound in Medicine</i> , 2019, 38, 877-888.	1.7	10
8	A Review of Objective Measurement of Flap Volume in Reconstructive Surgery. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2018, 6, e1752.	0.6	7
9	Pain management in abdominal surgery. <i>Langenbeck's Archives of Surgery</i> , 2018, 403, 791-803.	1.9	20
10	Identification of New Tools to Predict Surgical Performance of Novices using a Plastic Surgery Simulator. <i>Journal of Surgical Education</i> , 2018, 75, 1650-1657.	2.5	4
11	Objective quantification of liposuction results. <i>Journal of Cutaneous and Aesthetic Surgery</i> , 2018, 11, 105.	0.3	5
12	Immediate extubation after cardiac surgery should be part of routine anesthesia practice for selected patients. <i>Annals of Cardiac Anaesthesia</i> , 2018, 21, 114-115.	0.6	5
13	Clinical Performance and Safety of Closed-Loop Systems: A Systematic Review and Meta-analysis of Randomized Controlled Trials. <i>Anesthesia and Analgesia</i> , 2017, 124, 446-455.	2.2	102
14	Feasibility of Automated Propofol Sedation for Transcatheter Aortic Valve Implantation: A Pilot Study. <i>Anesthesia and Analgesia</i> , 2017, 125, 1505-1512.	2.2	17
15	Phonomyography as a non-invasive continuous monitoring technique for muscle ischemia in an experimental model of acute compartment syndrome. <i>Injury</i> , 2017, 48, 2411-2416.	1.7	6
16	Impact of age on anaesthesiologists'™ competence. <i>European Journal of Anaesthesiology</i> , 2016, 33, 787-793.	1.7	13
17	Le bloc dans le plan du muscle transverse de l'™abdomen pour r™aliser une analg™sie postop™ratoire: revue syst™matique et m™ta-analyse des Å™tudes randomis™es contr™les. <i>Canadian Journal of Anaesthesia</i> , 2016, 63, 1184-1196.	1.6	113
18	The Feasibility of a Completely Automated Total IV Anesthesia Drug Delivery System for Cardiac Surgery. <i>Anesthesia and Analgesia</i> , 2016, 123, 885-893.	2.2	46

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19	Robotics and regional anesthesia. <i>Current Opinion in Anaesthesiology</i> , 2014, 27, 544-548.	2.0	11
20	A technical description of a novel pharmacological anesthesia robot. <i>Journal of Clinical Monitoring and Computing</i> , 2014, 28, 27-34.	1.6	28
21	Comparison of success rates, learning curves, and inter-subject performance variability of robot-assisted and manual ultrasound-guided nerve block needle guidance in simulation. <i>British Journal of Anaesthesia</i> , 2014, 112, 1092-1097.	3.4	35
22	Robotization. , 2014, , 409-419.		0
23	Robotic Anesthesia: How is it Going to Change Our Practice?. <i>Anesthesiology and Pain Medicine</i> , 2014, 3, e16468.	1.3	3
24	Evaluation of a novel closed-loop total intravenous anaesthesia drug delivery system: a randomized controlled trial. <i>British Journal of Anaesthesia</i> , 2013, 110, 1031-1039.	3.4	94
25	Epidural catheterization in cardiac surgery: The 2012 risk assessment. <i>Annals of Cardiac Anaesthesia</i> , 2013, 16, 169.	0.6	44
26	First Robotic Ultrasound-Guided Nerve Blocks in Humans Using the Magellan System. <i>Anesthesia and Analgesia</i> , 2013, 116, 491-494.	2.2	32
27	First robotic tracheal intubations in humans using the Kepler intubation system. <i>British Journal of Anaesthesia</i> , 2012, 108, 1011-1016.	3.4	47
28	Robotic anesthesia. <i>Current Opinion in Anaesthesiology</i> , 2012, 25, 736-742.	2.0	19
29	The Kepler Intubation System. <i>Anesthesia and Analgesia</i> , 2012, 114, 590-594.	2.2	31
30	Robotic anesthesia - a vision for the future of anesthesia. <i>Translational Medicine @ UniSa</i> , 2011, 1, 1-20.	0.5	6
31	A randomized controlled trial demonstrates that a novel closed-loop propofol system performs better hypnosis control than manual administration. <i>Canadian Journal of Anaesthesia</i> , 2010, 57, 725-735.	1.6	84
32	Sevoflurane causes less arrhythmias than desflurane after off-pump coronary artery bypass grafting: A pilot study. <i>Annals of Cardiac Anaesthesia</i> , 2010, 13, 116.	0.6	9
33	Automated anesthesia. <i>Current Opinion in Anaesthesiology</i> , 2009, 22, 757-763.	2.0	44
34	The Analgoscore: A Novel Score to Monitor Intraoperative Nociception and its Use for Closed-Loop Application of Remifentanyl. <i>Journal of Computers</i> , 2009, 4, .	0.4	19
35	Total intravenous anesthesia with propofol augments the potency of mivacurium. <i>Canadian Journal of Anaesthesia</i> , 2008, 55, 351-357.	1.6	6
36	Subcutaneous Cervical and Facial Emphysema with the Use of the Bonfils Fiberscope and High-Flow Oxygen Insufflation. <i>Anesthesia and Analgesia</i> , 2008, 106, 260-262.	2.2	13

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37	Neuromuscular blockade in cardiac surgery: An update for clinicians. <i>Annals of Cardiac Anaesthesia</i> , 2008, 11, 80.	0.6	19
38	Epidural anesthesia decreases icu utilisation and costs after elective off-pump cabg surgery. <i>Canadian Journal of Anaesthesia</i> , 2007, 54, 44533-44533.	1.6	0
39	Arterial trauma during central venous catheter insertion: case series and proposed algorithm. <i>Canadian Journal of Anaesthesia</i> , 2007, 54, 44538-44538.	1.6	1
40	Pilot study to determine sevoflurane dosing during cardio-pulmonary bypass using bis monitoring. <i>Canadian Journal of Anaesthesia</i> , 2007, 54, 44574-44574.	1.6	0
41	Interaction between mivacurium potency and duration of propofol- TIVA at the adductor pollicis and corrugator spercillii. <i>Canadian Journal of Anaesthesia</i> , 2007, 54, 44582-44582.	1.6	1
42	Post-operative acute anterior spinal artery syndrome after right upper lobectomy complicated by pulmonary artery injury. <i>Canadian Journal of Anaesthesia</i> , 2007, 54, 44597-44597.	1.6	0
43	Brief review: Neuromuscular monitoring: an update for the clinician. <i>Canadian Journal of Anaesthesia</i> , 2007, 54, 58-72.	1.6	90
44	The thin line between life and death. <i>Intensive Care Medicine</i> , 2007, 33, 751-754.	8.2	21
45	Bispectral Index as an Indicator of Cerebral Hypoperfusion During Off-Pump Coronary Artery Bypass Grafting. <i>Anesthesia and Analgesia</i> , 2005, 100, 354-356.	2.2	44
46	Une nouvelle technique anesthÃ©sique pour la chirurgie cardiaque vigile. <i>Canadian Journal of Anaesthesia</i> , 2005, 52, 1088-1092.	1.6	17
47	Development of a new continuous intraoperative neuromuscular monitoring system using phonomyography. <i>Canadian Journal of Anaesthesia</i> , 2005, 52, A166-A166.	1.6	0
48	The staircase phenomenon is absent at the corrugator supercilli muscle. <i>Canadian Journal of Anaesthesia</i> , 2005, 52, A167-A167.	1.6	0
49	The application of a preload decreases the staircase phenomenon at the first dorsal interosseus muscle when measured using phonomyography. <i>Canadian Journal of Anaesthesia</i> , 2005, 52, A168-A168.	1.6	0
50	An External Monitoring Site at the Neck Cannot Be Used to Measure Neuromuscular Blockade of the Larynx. <i>Anesthesia and Analgesia</i> , 2005, 100, 1718-1722.	2.2	7
51	Immediate extubation after aortic valve surgery using high thoracic epidural analgesia or opioid-based analgesia. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2005, 19, 176-181.	1.3	50
52	Phonomyography and Mechanomyography Can Be Used Interchangeably to Measure Neuromuscular Block at the Adductor Pollicis Muscle. <i>Anesthesia and Analgesia</i> , 2004, 98, 377-381.	2.2	29
53	Neuromuscular blockade does not change the incidence or severity of pharyngolaryngeal discomfort after LMA anesthesia. <i>Canadian Journal of Anaesthesia</i> , 2004, 51, 728-732.	1.6	24
54	Phonomyographic measurements of neuromuscular blockade are similar to mechanomyography for hand muscles. <i>Canadian Journal of Anaesthesia</i> , 2004, 51, 795-800.	1.6	11

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55	Comparison of phonomyography with balloon pressure mechanomyography to measure contractile force at the corrugator supercilii muscle. Canadian Journal of Anaesthesia, 2004, 51, 116-121.	1.6	15
56	Ultra-fast-track anesthesia in off-pump coronary artery bypass grafting: a prospective audit comparing opioid-based anesthesia vs thoracic epiduralbased anesthesia. Canadian Journal of Anaesthesia, 2004, 51, 163-168.	1.6	47
57	Epidural Hematoma After Anticoagulation with a Thoracic Epidural Catheter in Place: A Mere Coincidence?. Anesthesia and Analgesia, 2004, 99, 1267-1268.	2.2	7
58	Simultaneous Determination of Neuromuscular Blockade at the Adducting and Abducting Laryngeal Muscles Using Phonomyography. Anesthesia and Analgesia, 2004, 98, 1729-1733.	2.2	9
59	BIS Sensor Electrodes Can Cause Skin Lesions: Case Report. Anesthesia and Analgesia, 2004, 98, 1811-1812.	2.2	4
60	An Unusual Site for BIS Monitoring. Anesthesia and Analgesia, 2004, 99, 1264-1265.	2.2	10
61	Immediate Extubation after Aortic Valve Surgery Using High Thoracic Epidural Anesthesia. Heart Surgery Forum, 2004, 7, 16-20.	0.5	6
62	Neuromuscular blockade at the larynx, the diaphragm and the corrugator supercilii muscle: a review. Canadian Journal of Anaesthesia, 2003, 50, 779-794.	1.6	95
63	Phonomyography as a Novel Method to Determine Meeting Abstracts at the Laryngeal Adductor Muscles. Anesthesiology, 2003, 98, 359-363.	2.5	23
64	Falsely Increased Bispectral Index Values in a Series of Patients Undergoing Cardiac Surgery Using Forced-Air-Warming Therapy of the Head. Anesthesia and Analgesia, 2002, 95, 322-323.	2.2	32
65	A Comparison Between Anterior and Posterior Monitoring of Neuromuscular Blockade at the Diaphragm: Both Sites Can Be Used Interchangeably. Anesthesia and Analgesia, 2002, 95, 940-943.	2.2	3
66	Falsely Increased Bispectral Index During Endoscopic Shoulder Surgery Attributed to Interferences with the Endoscopic Shaver Device. Anesthesia and Analgesia, 2002, 95, 1678-1679.	2.2	36
67	Electrocardiographic Electrodes Provide the Same Results as Expensive Special Sensors in the Routine Monitoring of Anesthetic Depth. Anesthesia and Analgesia, 2002, 94, 369-371.	2.2	45
68	Needle Electrodes Can Be Used for Bispectral Index Monitoring of Sedation in Burn Patients. Anesthesia and Analgesia, 2002, 95, 1675-1677.	2.2	6
69	Duration of control stimulation does not affect onset and offset of neuromuscular blockade at the corrugator supercilii muscle measured with phonomyography or acceleromyography. Canadian Journal of Anaesthesia, 2002, 49, 913-917.	1.6	6
70	The lumbar paravertebral region provides a novel site to assess neuromuscular block at the diaphragm. Canadian Journal of Anaesthesia, 2001, 48, 356-360.	1.6	9