

# Thomas J Caruso

## List of Publications by Year in descending order

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Version: 2024-02-01

68  
papers

991  
citations

567281

15  
h-index

477307

29  
g-index

72  
all docs

72  
docs citations

72  
times ranked

872  
citing authors

#	ARTICLE	IF	CITATIONS
1	Virtual Reality Augments Movement During Physical Therapy. American Journal of Physical Medicine and Rehabilitation, 2022, 101, 229-236.	1.4	3
2	The Physiologic and Emotional Effects of 360-Degree Video Simulation on Head-Mounted Display Versus In-Person Simulation. Simulation in Healthcare, 2022, 17, e105-e112.	1.2	1
3	Development and assessment of an efficient pediatric affect and cooperation scale. Journal of Clinical Anesthesia, 2022, 76, 110569.	1.6	4
4	Use of Bedside Entertainment and Relaxation Theater (BERT) to Reduce Fear and Anxiety Associated With Outpatient Procedures in Pediatric Orthopaedics. Journal of Pediatric Orthopaedics, 2022, 42, 30-34.	1.2	5
5	Systemic lidocaine absorption from continuous erector spinae plane catheters after paediatric posterior spine fusion surgery. Regional Anesthesia and Pain Medicine, 2022, 47, 251-252.	2.3	2
6	A Pilot Quality Improvement Project to Reduce Intraoperative MRI Hypothermia in Neurosurgical Patients. Pediatric Quality & Safety, 2022, 7, e531.	0.8	3
7	Perioperative Pediatric Anxiety: A Cry for Universal Scale Adoption. Pediatric Quality & Safety, 2022, 7, e542.	0.8	0
8	Integrated diversity, equity, and inclusion curriculum into pediatric anesthesia fellowship training: Another step forward. Paediatric Anaesthesia, 2022, 32, 487-488.	1.1	0
9	Quantifying virtual reality pain modulation in healthy volunteers: A randomized, crossover study. Journal of Clinical Anesthesia, 2022, 80, 110876.	1.6	3
10	Anesthesiologists With Advanced Degrees in Education: Qualitative Study of a Changing Paradigm. JMIR Medical Education, 2022, 8, e38050.	2.6	0
11	Transnasal Humidified Rapid-Insufflation Ventilatory Exchange in pediatric bronchoscopy: A prospective pilot study. Journal of Clinical Anesthesia, 2021, 68, 110086.	1.6	2
12	Using Augmented Reality to Reduce Fear and Promote Cooperation During Pediatric Otolaryngologic Procedures. Laryngoscope, 2021, 131, E1342-E1344.	2.0	12
13	Integrated eye tracking on Magic Leap One during augmented reality medical simulation: a technical report. BMJ Simulation and Technology Enhanced Learning, 2021, 7, bmjstel-2020-000782.	0.7	1
14	Unique considerations of virtual reality utilization for perioperative pediatric patients. Paediatric Anaesthesia, 2021, 31, 377-378.	1.1	2
15	Virtual reality for pediatric periprocedural care. Current Opinion in Anaesthesiology, 2021, 34, 284-291.	2.0	14
16	Leveraging Virtual Reality and Augmented Reality to Combat Chronic Pain in Youth: Position Paper From the Interdisciplinary Network on Virtual and Augmented Technologies for Pain Management. Journal of Medical Internet Research, 2021, 23, e25916.	4.3	16
17	Mindfulness-Based Virtual Reality Intervention for Children and Young Adults with Inflammatory Bowel Disease: A Pilot Feasibility and Acceptability Study. Children, 2021, 8, 368.	1.5	11
18	Small surgeries, big smiles: using virtual reality to reduce the need for sedation or general anesthesia during minor surgical procedures. Pediatric Surgery International, 2021, 37, 1437-1445.	1.4	7

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19	Publication misrepresentation among pediatric anesthesiology fellowship applicants: A retrospective single-center cohort study. <i>Paediatric Anaesthesia</i> , 2021, 31, 962-967.	1.1	3
20	Virtual Reality Reduces Pediatric Anxiety During Food Allergy Clinical Trials: A Pilot Randomized, Pragmatic Study. <i>Frontiers in Allergy</i> , 2021, 2, 779804.	2.8	2
21	Real-time reorientation and cognitive load adjustment allow for broad application of virtual reality in a pediatric hospital.. <i>Journal of Clinical and Translational Research</i> , 2021, 7, 750-753.	0.3	0
22	Accreditation Improves Quality of Oncology Education in Low- and Middle-Income Countries: Perspectives of African Oncologists. <i>Journal of Cancer Education</i> , 2020, 35, 563-570.	1.3	0
23	Programmed Intermittent Bolus Regimen for Erector Spinae Plane Blocks in Children: A Retrospective Review of a Single-Institution Experience. <i>Anesthesia and Analgesia</i> , 2020, 130, e63-e66.	2.2	19
24	Intraoperative Methadone Is Associated with Decreased Perioperative Opioid Use Without Adverse Events: A Case-Matched Cohort Study. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2020, 34, 335-341.	1.3	13
25	Virtual reality successfully provides anxiolysis to laboring women undergoing epidural placement. <i>Journal of Clinical Anesthesia</i> , 2020, 61, 109635.	1.6	3
26	Virtual reality during pediatric vascular access: A pragmatic, prospective randomized, controlled trial. <i>Paediatric Anaesthesia</i> , 2020, 30, 116-123.	1.1	30
27	Mobilization and calibration of the HTC VIVE for virtual reality physical therapy. <i>Digital Health</i> , 2020, 6, 205520762095092.	1.8	8
28	Systemic Absorption of Lidocaine from Continuous Erector Spinae Plane Catheters After Congenital Cardiac Surgery: A Retrospective Study. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2020, 34, 2986-2993.	1.3	14
29	The virtual visit: Using immersive technology to visit hospitals during social distancing and beyond. <i>Paediatric Anaesthesia</i> , 2020, 30, 954-956.	1.1	4
30	Introduction of the EMR-integrated I-PASS ICU Handoff Tool. <i>Pediatric Quality &amp; Safety</i> , 2020, 5, e334.	0.8	1
31	A retrospective cohort study of predictors and interventions that influence cooperation with mask induction in children. <i>Paediatric Anaesthesia</i> , 2020, 30, 867-873.	1.1	2
32	Retrospective Review of the Safety and Efficacy of Virtual Reality in a Pediatric Hospital. <i>Pediatric Quality &amp; Safety</i> , 2020, 5, e293.	0.8	18
33	A Quality Improvement Project to Reduce Combination Acetaminophen-opioid Prescriptions to Pediatric Orthopedic Patients. <i>Pediatric Quality &amp; Safety</i> , 2020, 5, e291.	0.8	6
34	Virtual Reality in Pain Rehabilitation for Youth With Chronic Pain: Pilot Feasibility Study. <i>JMIR Rehabilitation and Assistive Technologies</i> , 2020, 7, e22620.	2.2	29
35	Prospective Evaluation of the Safety and Efficacy of THRIVE for Children Undergoing Airway Evaluation. <i>Pediatric Quality &amp; Safety</i> , 2020, 5, e348.	0.8	3
36	Cervical erector spinae plane block catheter using a thoracic approach: an alternative to brachial plexus blockade for forequarter amputation. <i>Canadian Journal of Anaesthesia</i> , 2019, 66, 119-120.	1.6	32

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37	The successful application of high flow nasal oxygen during microdirect laryngoscopy and bronchoscopy in patients under 7kg. <i>Journal of Clinical Anesthesia</i> , 2019, 52, 27-28.	1.6	10
38	Transnasal Humidified Rapid Insufflation Ventilatory Exchange (THRIVE) augments oxygenation in children with cyanotic heart disease during microdirect laryngoscopy and bronchoscopy. <i>Journal of Clinical Anesthesia</i> , 2019, 56, 53-54.	1.6	7
39	A multifaceted quality improvement project improves intraoperative redosing of surgical antimicrobial prophylaxis during pediatric surgery. <i>Paediatric Anaesthesia</i> , 2019, 29, 705-711.	1.1	6
40	Toward Opioid-Free Fast Track for Pediatric Congenital Cardiac Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2019, 33, 2362-2363.	1.3	11
41	Varying screen size for passive video distraction during induction of anesthesia in low-risk children: A pilot randomized controlled trial. <i>Paediatric Anaesthesia</i> , 2019, 29, 648-655.	1.1	12
42	Near Miss in Intraoperative Magnetic Resonance Imaging: A Case for In Situ Simulation. <i>Pediatric Quality &amp; Safety</i> , 2019, 4, e222.	0.8	3
43	A Pilot Quality Improvement Project to Reduce Preoperative Fasting Duration in Pediatric Inpatients. <i>Pediatric Quality &amp; Safety</i> , 2019, 4, e246.	0.8	2
44	Operating Room Codes Redefined: A Highly Reliable Model Integrating the Core Hospital Code Team. <i>Pediatric Quality &amp; Safety</i> , 2019, 4, e172.	0.8	5
45	Regional anesthesia for cardiac surgery. <i>Current Opinion in Anaesthesiology</i> , 2019, 32, 674-682.	2.0	42
46	A Postoperative Care Bundle Reduces Surgical Site Infections in Pediatric Patients Undergoing Cardiac Surgeries. <i>Joint Commission Journal on Quality and Patient Safety</i> , 2019, 45, 156-163.	0.7	5
47	Lumbar erector spinae plane catheter via a thoracic approach for iliac crest autograft in a pediatric patient. <i>Journal of Clinical Anesthesia</i> , 2019, 54, 164-165.	1.6	3
48	Intraoperative antibiotic redosing compliance and the extended postoperative recovery period: Often overlooked areas that may reduce surgical site infections. <i>Paediatric Anaesthesia</i> , 2019, 29, 290-291.	1.1	2
49	The erector spinae plane (ESP) block: A pooled review of 242 cases. <i>Journal of Clinical Anesthesia</i> , 2019, 53, 29-34.	1.6	252
50	A Retrospective Review of a Bed-mounted Projection System for Managing Pediatric Preoperative Anxiety. <i>Pediatric Quality &amp; Safety</i> , 2018, 3, e087.	0.8	3
51	Bilateral automatized intermittent bolus erector spinae plane analgesic blocks for sternotomy in a cardiac patient who underwent cardiopulmonary bypass: A new era of Cardiac Regional Anesthesia. <i>Journal of Clinical Anesthesia</i> , 2018, 48, 9-10.	1.6	29
52	Successful directional thoracic erector spinae plane block after failed lumbar plexus block in hip joint and proximal femur surgery. <i>Journal of Clinical Anesthesia</i> , 2018, 49, 1-2.	1.6	30
53	Safety Stop: A Valuable Addition to the Pediatric Universal Protocol. <i>Joint Commission Journal on Quality and Patient Safety</i> , 2018, 44, 552-556.	0.7	0
54	Augmented reality for intravenous access in an autistic child with difficult access. <i>Paediatric Anaesthesia</i> , 2018, 28, 569-570.	1.1	12

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55	Pediatric Postoperative Pulse Oximetry Monitoring During Transport to the Postanesthesia Care Unit Reduces Frequency of Hypoxemia. <i>Joint Commission Journal on Quality and Patient Safety</i> , 2017, 43, 146-150.	0.7	3
56	Bedside Entertainment and Relaxation Theater: size and novelty does matter when using video distraction for perioperative pediatric anxiety. <i>Paediatric Anaesthesia</i> , 2017, 27, 668-669.	1.1	13
57	Standardized ICU to OR handoff increases communication without delaying surgery. <i>International Journal of Health Care Quality Assurance</i> , 2017, 30, 304-311.	0.9	18
58	A quality improvement initiative to optimize dosing of surgical antimicrobial prophylaxis. <i>Paediatric Anaesthesia</i> , 2017, 27, 702-710.	1.1	9
59	Provider-controlled virtual reality experience may adjust for cognitive load during vascular access in pediatric patients. <i>Canadian Journal of Anaesthesia</i> , 2017, 64, 1275-1276.	1.6	13
60	Interactive video game built for mask induction in pediatric patients. <i>Canadian Journal of Anaesthesia</i> , 2017, 64, 1073-1074.	1.6	8
61	Caution with the Posey <sup>®</sup> Cufflator <sup>®</sup> cuff pressure manometers. <i>Paediatric Anaesthesia</i> , 2017, 27, 1279-1280.	1.1	0
62	Accreditation of oncology education in low-and- middle income countries: Perspectives of African oncologists.. <i>Journal of Clinical Oncology</i> , 2017, 35, e18213-e18213.	1.6	0
63	A Strategic Approach to Implementation of Medical Mentorship Programs. <i>Journal of Graduate Medical Education</i> , 2016, 8, 68-73.	1.3	21
64	Implementation of a Standardized Postanesthesia Care Handoff Increases Information Transfer Without Increasing Handoff Duration. <i>Joint Commission Journal on Quality and Patient Safety</i> , 2015, 41, 35-42.	0.7	24
65	Airway management of recovered pediatric patients with severe head and neck burns: a review. <i>Paediatric Anaesthesia</i> , 2012, 22, 462-468.	1.1	24
66	Complementary and Alternative Medicine for Pain: An Evidence-based Review. <i>Current Pain and Headache Reports</i> , 2011, 15, 39-46.	2.9	31
67	Treatment of Naturally Acquired Common Colds with Zinc: A Structured Review. <i>Clinical Infectious Diseases</i> , 2007, 45, 569-574.	5.8	54
68	Treatment of the Common Cold with Echinacea: A Structured Review. <i>Clinical Infectious Diseases</i> , 2005, 40, 807-810.	5.8	65