

# Daniel Howes

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12116152/publications.pdf>

Version: 2024-02-01

29  
papers

641  
citations

687363

13  
h-index

580821

25  
g-index

29  
all docs

29  
docs citations

29  
times ranked

802  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid induction of therapeutic hypothermia using convective-immersion surface cooling: Safety, efficacy and outcomes. <i>Resuscitation</i> , 2010, 81, 388-392.	3.0	84
2	Simulation-based training in critical resuscitation procedures improves residents' competence. <i>Canadian Journal of Emergency Medicine</i> , 2009, 11, 535-539.	1.1	71
3	The Use of Task-Evoked Pupillary Response as an Objective Measure of Cognitive Load in Novices and Trained Physicians. <i>Academic Medicine</i> , 2015, 90, 981-987.	1.6	66
4	From Theory to Practice: The Application of Cognitive Load Theory to the Practice of Medicine. <i>Academic Medicine</i> , 2021, 96, 24-30.	1.6	57
5	Canadian Guidelines for the use of targeted temperature management (therapeutic hypothermia) after cardiac arrest: A joint statement from The Canadian Critical Care Society (CCCS), Canadian Neurocritical Care Society (CNCCS), and the Canadian Critical Care Trials Group (CCCTG). <i>Resuscitation</i> , 2016, 98, 48-63.	3.0	42
6	Canadian Association of Emergency Physicians Sepsis Guidelines: the optimal management of severe sepsis in Canadian emergency departments. <i>Canadian Journal of Emergency Medicine</i> , 2008, 10, 443-459.	1.1	39
7	Getting Inside the Expert's Head: An Analysis of Physician Cognitive Processes During Trauma Resuscitations. <i>Annals of Emergency Medicine</i> , 2018, 72, 289-298.	0.6	30
8	Simulation in Canadian postgraduate emergency medicine training – a national survey. <i>Canadian Journal of Emergency Medicine</i> , 2018, 20, 132-141.	1.1	29
9	Is Mortality a Useful Primary End Point for Critical Care Trials?. <i>Chest</i> , 2020, 158, 206-211.	0.8	26
10	Brain Tissue Oxygenation in Patients with Septic Shock: a Feasibility Study. <i>Canadian Journal of Neurological Sciences</i> , 2016, 43, 65-73.	0.5	25
11	Evidence for the use of hypothermia after cardiac arrest. <i>Canadian Journal of Emergency Medicine</i> , 2006, 8, 109-115.	1.1	20
12	Combining First-Person Video and Gaze-Tracking in Medical Simulation: A Technical Feasibility Study. <i>Scientific World Journal</i> , The, 2014, 2014, 1-4.	2.1	17
13	Starting to Think Like an Expert: An Analysis of Resident Cognitive Processes During Simulation-Based Resuscitation Examinations. <i>Annals of Emergency Medicine</i> , 2019, 74, 647-659.	0.6	17
14	Real-time video telemedicine applications in the emergency department: a scoping review of literature. <i>Canadian Journal of Emergency Medicine</i> , 2018, 20, 920-928.	1.1	16
15	How we developed a comprehensive resuscitation-based simulation curriculum in emergency medicine. <i>Medical Teacher</i> , 2016, 38, 30-35.	1.8	15
16	Toward Dynamically Adaptive Simulation: Multimodal Classification of User Expertise Using Wearable Devices. <i>Sensors</i> , 2019, 19, 4270.	3.8	15
17	PUPILLOMETRY AS A TOOL TO STUDY EXPERTISE IN MEDICINE. <i>Frontline Learning Research</i> , 2017, 5, 55-65.	0.8	13
18	Hypothermic modulation of anoxic brain injury in adult survivors of cardiac arrest: a review of the literature and an algorithm for emergency physicians. <i>Canadian Journal of Emergency Medicine</i> , 2005, 7, 42-47.	1.1	12

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19	A new way to look at simulation-based assessment: the relationship between gaze-tracking and exam performance. Canadian Journal of Emergency Medicine, 2019, 21, 129-137.	1.1	12
20	Increasing Pupil Size Is Associated with Increasing Cognitive Processing Demands: A Pilot Study Using a Mobile Eye-Tracking Device. Open Journal of Emergency Medicine, 2014, 02, 8-11.	0.2	9
21	The future of simulation-based medical education: Adaptive simulation utilizing a deep multitask neural network. AEM Education and Training, 2021, 5, e10605.	1.2	7
22	Serum proteomics as a strategy to identify novel biomarkers of neurologic recovery after cardiac arrest: a feasibility study. Intensive Care Medicine Experimental, 2016, 4, 9.	1.9	5
23	The DIVERSE Study: Determining the Importance of Various genders, Races, and Body Shapes for CPR Education Using Manikins. Current Problems in Cardiology, 2023, 48, 101159.	2.4	5
24	Sepsis update: management of severe sepsis and septic shock in the emergency department after the withdrawal of Xigris. Canadian Journal of Emergency Medicine, 2012, 14, 265-266.	1.1	4
25	Targeted temperature management: It is not yet time to change your target temperature. Canadian Journal of Emergency Medicine, 2015, 17, 706-708.	1.1	3
26	Is faster still better in therapeutic hypothermia?. Critical Care, 2011, 15, 162.	5.8	2
27	Hypothermie après un arrêt cardiaque. Canadian Journal of Emergency Medicine, 2006, 8, Online1-Online8.	1.1	0
28	Liste de contrôle de l'Association canadienne des médecins d'urgence concernant le traitement de la sepsie: optimisation de la prise en charge de la sepsie au sein des services des urgences canadiens. Canadian Journal of Emergency Medicine, 2012, 14, 40-44.	1.1	0
29	Mise à jour sur la sepsie: prise en charge de la sepsie grave et du choc septique au service des urgences par suite du retrait de Xigris. Canadian Journal of Emergency Medicine, 2012, 14, 267-269.	1.1	0