

# Sam D Shemie

## List of Publications by Year in descending order

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125  
papers

5,955  
citations

79946

39  
h-index

77775

74  
g-index

136  
all docs

136  
docs citations

136  
times ranked

3919  
citing authors

#	ARTICLE	IF	CITATIONS
1	Resolution of mucus plugging and atelectasis after intratracheal rhDNase therapy in a mechanically ventilated child with refractory status asthmaticus. <i>Critical Care Medicine</i> , 2000, 28, 560-562.	0.9	551
2	Organ donation in children: Role of the pediatric intensive care unit. <i>Pediatric Critical Care Medicine</i> , 2000, 1, 156-160.	0.6	527
3	Determination of Brain Death/Death by Neurologic Criteria. <i>JAMA - Journal of the American Medical Association</i> , 2020, 324, 1078.	7.0	415
4	The circulatoryâ€“respiratory determination of death in organ donation*. <i>Critical Care Medicine</i> , 2010, 38, 963-970.	0.9	257
5	International guideline development for the determination of death. <i>Intensive Care Medicine</i> , 2014, 40, 788-797.	8.2	238
6	Donation after cardiocirculatory death in Canada. <i>Cmaj</i> , 2006, 175, S1-S1.	4.1	231
7	Extracorporeal resuscitation for refractory out-of-hospital cardiac arrest in adults: A systematic review of international practices and outcomes. <i>Resuscitation</i> , 2016, 101, 12-20.	2.9	202
8	Organ donor management in Canada: recommendations of the forum on Medical Management to Optimize Donor Organ Potential. <i>Cmaj</i> , 2006, 174, S13-S30.	4.1	185
9	Severe brain injury to neurological determination of death: Canadian forum recommendations. <i>Cmaj</i> , 2006, 174, S1-S12.	4.1	183
10	Prognosis of pediatric bone marrow transplant recipients requiring mechanical ventilation. <i>Critical Care Medicine</i> , 1999, 27, 1181-1186.	0.9	128
11	Maintaining the permanence principle for death during in situ normothermic regional perfusion for donation after circulatory death organ recovery: A United Kingdom and Canadian proposal. <i>American Journal of Transplantation</i> , 2020, 20, 2017-2025.	4.9	112
12	Determination of death by neurologic criteria around the world. <i>Neurology</i> , 2020, 95, e299-e309.	1.1	95
13	Expanding controlled donation after the circulatory determination of death: statement from an international collaborative. <i>Intensive Care Medicine</i> , 2021, 47, 265-281.	8.2	95
14	Impact of diaphragmatic paralysis after cardiothoracic surgery in children. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1999, 118, 510-517.	2.7	93
15	Organ donation in adults: a critical care perspective. <i>Intensive Care Medicine</i> , 2016, 42, 305-315.	8.2	86
16	Resumption of Cardiac Activity after Withdrawal of Life-Sustaining Measures. <i>New England Journal of Medicine</i> , 2021, 384, 345-352.	30.1	86
17	Protocols for uncontrolled donation after circulatory death: a systematic review of international guidelines, practices and transplant outcomes. <i>Critical Care</i> , 2015, 19, 268.	6.0	82
18	A Review of Ancillary Tests in Evaluating Brain Death. <i>Canadian Journal of Neurological Sciences</i> , 2008, 35, 409-419.	0.6	80

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19	Acute Obstructive Hydrocephalus and Sudden Death in Children. <i>Annals of Emergency Medicine</i> , 1997, 29, 524-528.	0.6	77
20	Massive diltiazem overdose treated with extracorporeal membrane oxygenation. <i>Pediatric Critical Care Medicine</i> , 2003, 4, 372-376.	0.6	77
21	Variability in the Determination of Death After Cardiac Arrest. <i>Journal of Intensive Care Medicine</i> , 2012, 27, 238-252.	2.9	77
22	Sudden Cardiac Death in Association With the Ketogenic Diet. <i>Pediatric Neurology</i> , 2008, 39, 429-431.	2.1	75
23	4A Randomized Trial of Prolonged Prone Positioning in Children With Acute Respiratory Failure. <i>Chest</i> , 2001, 119, 211-218.	0.9	64
24	Vital Signs After Cardiac Arrest Following Withdrawal of Life-Sustaining Therapy. <i>Critical Care Medicine</i> , 2014, 42, 2358-2369.	0.9	59
25	Mortality and costs following extracorporeal membrane oxygenation in critically ill adults: a population-based cohort study. <i>Intensive Care Medicine</i> , 2019, 45, 1580-1589.	8.2	59
26	Canadian Guidelines for Controlled Pediatric Donation After Circulatory Determination of Death—Summary Report*. <i>Pediatric Critical Care Medicine</i> , 2017, 18, 1035-1046.	0.6	57
27	A brain-based definition of death and criteria for its determination after arrest of circulation or neurologic function in Canada: a 2023 clinical practice guideline. <i>Canadian Journal of Anaesthesia</i> , 2023, 70, 483-557.	1.4	56
28	An explanation and analysis of how world religions formulate their ethical decisions on withdrawing treatment and determining death. <i>Philosophy, Ethics, and Humanities in Medicine</i> , 2015, 10, 6.	1.5	55
29	Circulatory Death Determination in Uncontrolled Organ Donors: A Panel Viewpoint. <i>Annals of Emergency Medicine</i> , 2014, 63, 384-390.	0.6	54
30	Clarifying the paradigm for the ethics of donation and transplantation: Was 'dead' really so clear before organ donation?. <i>Philosophy, Ethics, and Humanities in Medicine</i> , 2007, 2, 18.	1.5	52
31	End-of-Life Conversations With Families of Potential Donors. <i>Transplantation</i> , 2017, 101, S17-S26.	1.1	50
32	Worldwide variability in deceased organ donation registries. <i>Transplant International</i> , 2012, 25, 801-811.	1.8	48
33	Brain Blood Flow in the Neurological Determination of Death: Canadian Expert Report. <i>Canadian Journal of Neurological Sciences</i> , 2008, 35, 140-145.	0.6	46
34	Pediatric Donation After Circulatory Determination of Death. <i>Pediatric Critical Care Medicine</i> , 2016, 17, e87-e108.	0.6	46
35	Update of a Systematic Review of Autoresuscitation After Cardiac Arrest. <i>Critical Care Medicine</i> , 2018, 46, e268-e272.	0.9	45
36	Deceased organ and tissue donation after medical assistance in dying and other conscious and competent donors: guidance for policy. <i>Cmaj</i> , 2019, 191, E604-E613.	4.1	44

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37	Variability in hospital-based brain death guidelines in Canada. Canadian Journal of Anaesthesia, 2006, 53, 613-619.	1.4	43
38	Electroencephalographic Recordings During Withdrawal of Life-Sustaining Therapy Until 30 Minutes After Declaration of Death. Canadian Journal of Neurological Sciences, 2017, 44, 139-145.	0.6	40
39	Extracorporeal Cardiopulmonary Resuscitation for Refractory Out-of-Hospital Cardiac Arrest: The State of the Evidence and Framework for Application. Canadian Journal of Cardiology, 2018, 34, 146-155.	1.7	36
40	Posttraumatic pseudoaneurysm of the intracavernous internal carotid artery presenting with massive epistaxis. Pediatric Critical Care Medicine, 2006, 7, 260-262.	0.6	35
41	Brain Death in Canadian PICUs. Pediatric Critical Care Medicine, 2013, 14, 1-9.	0.6	35
42	Predicting time to death after withdrawal of life-sustaining therapy. Intensive Care Medicine, 2015, 41, 1014-1028.	8.2	33
43	Management of the neurologically deceased organ donor: A Canadian clinical practice guideline. Cmaj, 2020, 192, E361-E369.	4.1	33
44	Potential organ donor identification and system accountability: expert guidance from a Canadian consensus conference. Canadian Journal of Anaesthesia, 2019, 66, 432-447.	1.4	29
45	Open lung biopsy in children with respiratory failure. Critical Care Medicine, 2001, 29, 1247-1250.	0.9	28
46	Survey of determination of death after cardiac arrest by intensive care physicians*. Critical Care Medicine, 2012, 40, 1449-1455.	0.9	28
47	Observations on the Ethical and Social Aspects of Disorders of Consciousness. Canadian Journal of Neurological Sciences, 2010, 37, 758-768.	0.6	25
48	Ancillary Testing for Determination of Death by Neurologic Criteria Around the World. Neurocritical Care, 2021, 34, 473-484.	2.6	25
49	Flow is not perfusion, and perfusion is not function: ancillary testing for the diagnosis of brain death. Canadian Journal of Anaesthesia, 2021, 68, 953-961.	1.4	25
50	Organ Donation after Medical Assistance in Dying "Canada's First Cases. New England Journal of Medicine, 2020, 382, 576-577.	30.1	24
51	Summary of International Recommendations for Donation and Transplantation Programs During the Coronavirus Disease Pandemic. Transplantation, 2021, 105, 14-17.	1.1	24
52	Ethics Guide Recommendations for Organ-Donation "Focused Physicians. Transplantation, 2017, 101, S41-S47.	1.1	22
53	A Case of Nondigitalis Cardiac Glycoside Toxicity. Therapeutic Drug Monitoring, 1997, 19, 711-714.	2.2	22
54	Improving the process of deceased organ and tissue donation: a role for donation physicians as specialists. Cmaj, 2014, 186, 95-96.	4.1	20

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55	Barriers and Enablers to Organ Donation After Circulatory Determination of Death: A Qualitative Study Exploring the Beliefs of Frontline Intensive Care Unit Professionals and Organ Donor Coordinators. <i>Transplantation Direct</i> , 2018, 4, e368.	1.5	20
56	Ethical Challenges and the Donation Physician Specialist. <i>Transplantation</i> , 2017, 101, S27-S40.	1.1	19
57	Public Understandings of the Definition and Determination of Death: A Scoping Review. <i>Transplantation Direct</i> , 2022, 8, e1300.	1.5	19
58	Heart donation and transplantation after circulatory determination of death: expert guidance from a Canadian consensus building process. <i>Canadian Journal of Anaesthesia</i> , 2021, 68, 661-671.	1.4	18
59	Attitudes toward Reciprocity Systems for Organ Donation and Allocation for Transplantation: Table 1. <i>Journal of Health Politics, Policy and Law</i> , 2013, 38, 957-986.	2.0	17
60	Development of a Canadian deceased donation education program for health professionals: a needs assessment survey. <i>Canadian Journal of Anaesthesia</i> , 2017, 64, 1037-1047.	1.4	17
61	Priority in Organ Allocation to Previously Registered Donors: Public Perceptions of the Fairness and Effectiveness of Priority Systems. <i>Progress in Transplantation</i> , 2012, 22, 413-422.	0.7	16
62	Biophilosophical basis for identifying the death of a person. <i>Journal of Critical Care</i> , 2014, 29, 687-689.	2.3	16
63	Exploration of Withdrawal of Life-Sustaining Therapy in Canadian Intensive Care Units. <i>Journal of Intensive Care Medicine</i> , 2016, 31, 243-251.	2.9	16
64	Development of a multinational registry of pediatric deceased organ donation activity. <i>Pediatric Transplantation</i> , 2019, 23, e13345.	1.0	16
65	Uniformity in Brain Death Criteria. <i>Seminars in Neurology</i> , 2015, 35, 162-168.	1.4	15
66	Organ Donation Following Neurologic and Circulatory Determination of Death. <i>Pediatric Critical Care Medicine</i> , 2018, 19, S26-S32.	0.6	15
67	Criteria to Identify a Potential Deceased Organ Donor: A Systematic Review. <i>Critical Care Medicine</i> , 2018, 46, 1318-1327.	0.9	15
68	Survey of Canadian intensivists on physician non-referral and family override of deceased organ donation. <i>Canadian Journal of Anaesthesia</i> , 2020, 67, 313-323.	1.4	15
69	Long-term survival and costs following extracorporeal membrane oxygenation in critically ill children—a population-based cohort study. <i>Critical Care</i> , 2020, 24, 131.	6.0	15
70	Requests for somatic support after neurologic death determination: Canadian physician experiences. <i>Canadian Journal of Anaesthesia</i> , 2021, 68, 293-314.	1.4	15
71	Les attitudes des fournisseurs de soins de santé concernant le don cardiaque après un décès cardiocirculatoire: un sondage pancanadien. <i>Canadian Journal of Anaesthesia</i> , 2020, 67, 301-312.	1.4	14
72	Healthcare Professionals' Understandings of the Definition and Determination of Death: A Scoping Review. <i>Transplantation Direct</i> , 2022, 8, e1309.	1.5	14

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73	A call for full public disclosure for donation after circulatory determination of death in children. <i>Pediatric Critical Care Medicine</i> , 2011, 12, 375-377.	0.6	13
74	Barriers and opportunities related to extracorporeal cardiopulmonary resuscitation for out-of-hospital cardiac arrest in Canada: A report from the first meeting of the Canadian ECPR Research Working Group. <i>Canadian Journal of Emergency Medicine</i> , 2018, 20, 507-517.	1.2	13
75	L'acceptabilité du don cardiaque après décès cardiocirculatoire: un sondage auprès du public canadien. <i>Canadian Journal of Anaesthesia</i> , 2020, 67, 292-300.	1.4	12
76	Steroids for anything that swells. <i>Critical Care Medicine</i> , 1996, 24, 1613-1614.	0.9	12
77	Lessons learned from a student-driven initiative to design and implement an Organ and Tissue Donation course across Canadian medical schools. <i>Perspectives on Medical Education</i> , 2022, 7, 332-336.	3.6	10
78	Determination of death by neurologic criteria in Latin American and Caribbean countries. <i>Clinical Neurology and Neurosurgery</i> , 2020, 197, 105953.	1.4	10
79	CAEP, CCCS, and CNSF Position Statement "Management of devastating brain injuries in the emergency department: Enhancing neuroprognostication and maintaining the opportunity for organ and tissue donation. <i>Canadian Journal of Emergency Medicine</i> , 2020, 22, 658-660.	1.2	10
80	Paving the Road for the Adoption of Normothermic Regional Perfusion in Canada. , 2021, 3, e0553.		10
81	Évaluation clinique et tests auxiliaires pour le diagnostic de décès déterminé par des critères neurologiques : un sondage transversal auprès des intensivistes canadiens. <i>Canadian Journal of Anaesthesia</i> , 2022, 69, 353-363.	1.4	9
82	Cerebral cortical activity after withdrawal of life-sustaining measures in critically ill patients. <i>American Journal of Transplantation</i> , 2022, 22, 3120-3129.	4.9	9
83	Nonocclusive small bowel infarction in familial dysautonomia syndrome. <i>Journal of Pediatric Surgery</i> , 1999, 34, 623-625.	1.7	8
84	Brain arrest to neurological determination of death to organ utilization: the evolution of hospitalbased organ donation strategies in Canada. <i>Canadian Journal of Anaesthesia</i> , 2006, 53, 747-752.	1.4	8
85	Development of a national minimum data set to monitor deceased organ donation performance in Canada. <i>Canadian Journal of Anaesthesia</i> , 2019, 66, 422-431.	1.4	8
86	Amélioration de la qualité de l'interruption des traitements de maintien en vie lors du don d'organes: proposition d'un cadre et d'outils d'aide à la mise en œuvre. <i>Canadian Journal of Anaesthesia</i> , 2020, 67, 1549-1556.	1.4	8
87	Inequities in organ and tissue donation and transplantation for sexual orientation and gender identity diverse people: A scoping review. <i>American Journal of Transplantation</i> , 2023, 23, 707-726.	4.9	8
88	Infratentorial brain injury and death by neurologic criteria in Canada: a narrative review. <i>Canadian Journal of Anaesthesia</i> , 2023, 70, 781-787.	1.4	7
89	Bone marrow transplantation and intensive care unit admission: What really matters? *. <i>Critical Care Medicine</i> , 2003, 31, 1579.	0.9	6
90	Barriers to the Use of Neurologic Criteria to Declare Death in Africa. <i>American Journal of Hospice and Palliative Medicine</i> , 2022, 39, 243-249.	1.5	6

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91	Low-dose inhaled nitric oxide and oxygenation in pediatric hypoxic respiratory failure. Wrong bullet, wrong target. <i>Critical Care Medicine</i> , 1999, 27, 871-872.	0.9	6
92	Late Hemorrhagic Disease of the Newborn: A Fatal Presentation of Hepatobiliary Disease Masquerading as Shaken Baby Syndrome. <i>Journal of Intensive Care Medicine</i> , 1995, 10, 315-318.	2.9	5
93	Patient-centred and family-centred care of critically ill patients who are potential organ donors: a qualitative study protocol of family member perspectives. <i>BMJ Open</i> , 2020, 10, e037527.	2.1	5
94	Current Use, Capacity, and Perceived Barriers to the Use of Extracorporeal Cardiopulmonary Resuscitation for Out-of-Hospital Cardiac Arrest in Canada. <i>CJC Open</i> , 2021, 3, 327-336.	1.6	5
95	A qualitative exploratory case series of patient and family experiences with ECPR for out-of-hospital cardiac arrest. <i>Resuscitation Plus</i> , 2021, 6, 100129.	1.7	5
96	La craniectomie décompressive en tant que condition potentiellement réversible dans la mort cérébrale à l'issue d'un étourdissement du cerveau ou d'un étirement de la peau et du péricrâne?. <i>Canadian Journal of Anaesthesia</i> , 2022, 69, 811-814.		5
97	Where have we been? Where are we going? Initiatives to improve uniformity of policies, integrity of practice, and improve understanding of brain death within the global medical community and lay public. <i>Journal of Critical Care</i> , 2014, 29, 1114-1116.	2.3	4
98	Relating Clinical and Electrophysiological Parameters in Death Determination in a Laboratory Model of Progressive Hypoxemia. <i>Neurocritical Care</i> , 2018, 28, 133-141.	2.6	4
99	GRADEing the un-GRADE-able: a description of challenges in applying GRADE methods to the ethical and implementation questions of pediatric organ donation guidelines. <i>Journal of Clinical Epidemiology</i> , 2018, 103, 134-137.	5.0	4
100	Exploring the experiences and perspectives of substitute decision-makers involved in decisions about deceased organ donation: a qualitative study protocol. <i>BMJ Open</i> , 2019, 9, e034594.	2.1	4
101	Bronchodilators and RSV-induced respiratory failure: Agonizing about $\text{H}_2$ agonists. <i>Pediatric Pulmonology</i> , 1998, 26, 4-5.	2.0	3
102	Neurologic Determination of Death. <i>Neurologic Clinics</i> , 2011, 29, 787-799.	1.9	3
103	Trends in deceased organ donation in Canada. <i>Cmaj</i> , 2017, 189, E1204-E1205.	4.1	3
104	Sondage concernant les connaissances et attitudes des intensivistes canadiens envers les aspects législatifs du système de don d'organes de donneurs d'organes. <i>Canadian Journal of Anaesthesia</i> , 2020, 67, 1349-1358.		3
105	Implication des patients dans un forum de consensus canadien pour le don du cœur après un arrêt circulatoire. <i>Canadian Journal of Anaesthesia</i> , 2020, 67, 1738-1748.	1.4	3
106	The variable impact of the overdose crisis on organ donation among five Canadian provinces: a retrospective study. <i>Canadian Journal of Anaesthesia</i> , 2021, 68, 846-854.	1.4	3
107	Récupération retardée à la suite d'une hypertension intracrânienne fractaire sévère due à une expansion de la peau et à un étirement péricrânien après une craniectomie décompressive. <i>Canadian Journal of Anaesthesia</i> , 2023, 70, 796-801.	1.4	3
108	In reply: The capacity for consciousness and the clinical diagnosis of brain death: are we using the correct gold standard?. <i>Canadian Journal of Anaesthesia</i> , 2021, 68, 1578-1579.	1.4	2

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109	Organ donation performance in critical care*. Pediatric Critical Care Medicine, 2009, 10, 530-532.	0.6	1
110	Lazarus phenomenon, autoresuscitation, and nonheart-beating organ donation. Critical Care Medicine, 2010, 38, 1758-1759.	0.9	1
111	Mechanism of Death after Decompressive Craniectomy in Non-Traumatic Brain Injury. Canadian Journal of Neurological Sciences, 2017, 44, 112-115.	0.6	1
112	Autoresuscitation and clinical authority in death determination using circulatory criteria. Social Science and Medicine, 2022, 301, 114904.	4.0	1
113	In reply: Withholding therapeutic interventions in brain(stem) death: is it a self-fulfilling prophecy?. Canadian Journal of Anaesthesia, 2022, 69, 1439-1440.	1.4	1
114	Machine learning determination of motivators of terminal extubation during the transition to end-of-life care in intensive care unit. Scientific Reports, 2023, 13, .	3.4	1
115	Donation after cardiac death in children: Do transplant outcomes influence implementation?*. Critical Care Medicine, 2010, 38, 333.	0.9	0
116	Predicting time to death. Pediatric Critical Care Medicine, 2012, 13, 487-488.	0.6	0
117	Brian Patrick Kavanagh, MB, BCh, BAO, BSc, MRCP(I), FRCPC. Canadian Journal of Anaesthesia, 2019, 66, 1524-1526.	1.4	0
118	Do the guidelines for brain death determination need to be revised?. , 2020, , 624-630.e1.		0
119	ORGAN DONATION IN A PEDIATRIC REFERRAL CENTER. Critical Care Medicine, 1999, 27, 150A.	0.9	0
120	Death Determination in Pediatric Organ Donation. International Library of Ethics, Law, and the New Medicine, 2016, , 83-98.	0.0	0
121	LeÃon tirÃe dâ€™une expÃrience de consentement au don dâ€™organes provenant de donneurs dÃcÃdÃs. Cmaj, 2022, 194, E148-E150.	4.1	0
122	In reply: Mistaken concepts on the use of ancillary testing in brain death diagnosis. Canadian Journal of Anaesthesia, 2022, 69, 407-408.	1.4	0
123	In reply: Brain death is more than technical. Canadian Journal of Anaesthesia, 0, , .	1.4	0
124	In reply: Comment on: Canadian clinical practice guideline on brain death. Canadian Journal of Anaesthesia, 2023, 70, 2015-2015.	1.4	0
125	Sowing â€œseeds of trustâ€: How trust in normothermic regional perfusion is built in a continuum of care. American Journal of Transplantation, 2024, , .	4.9	0