

# Michaël Chassé

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/993135/publications.pdf>

Version: 2024-02-01

107  
papers

3,840  
citations

279778

23  
h-index

144002

57  
g-index

116  
all docs

116  
docs citations

116  
times ranked

6207  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Hydrocortisone on Mortality and Organ Support in Patients With Severe COVID-19. JAMA - Journal of the American Medical Association, 2020, 324, 1317.	7.4	671
2	Restrictive or Liberal Red-Cell Transfusion for Cardiac Surgery. New England Journal of Medicine, 2017, 377, 2133-2144.	27.0	554
3	Convalescent plasma for hospitalized patients with COVID-19: an open-label, randomized controlled trial. Nature Medicine, 2021, 27, 2012-2024.	30.7	206
4	A Neanderthal OAS1 isoform protects individuals of European ancestry against COVID-19 susceptibility and severity. Nature Medicine, 2021, 27, 659-667.	30.7	188
5	Six-Month Outcomes after Restrictive or Liberal Transfusion for Cardiac Surgery. New England Journal of Medicine, 2018, 379, 1224-1233.	27.0	180
6	Effect of Convalescent Plasma on Organ Support and Free Days in Critically Ill Patients With COVID-19. JAMA - Journal of the American Medical Association, 2021, 326, 1690.	7.4	169
7	Intravenous Vitamin C in Adults with Sepsis in the Intensive Care Unit. New England Journal of Medicine, 2022, 386, 2387-2398.	27.0	146
8	Alterations in Portal Vein Flow and Intrarenal Venous Flow Are Associated With Acute Kidney Injury After Cardiac Surgery: A Prospective Observational Cohort Study. Journal of the American Heart Association, 2018, 7, e009961.	3.7	144
9	Association of Blood Donor Age and Sex With Recipient Survival After Red Blood Cell Transfusion. JAMA Internal Medicine, 2016, 176, 1307.	5.1	109
10	Levofloxacin for BK Virus Prophylaxis Following Kidney Transplantation. JAMA - Journal of the American Medical Association, 2014, 312, 2106.	7.4	102
11	Ramipril versus placebo in kidney transplant patients with proteinuria: a multicentre, double-blind, randomised controlled trial. Lancet Diabetes and Endocrinology, 2016, 4, 318-326.	11.4	93
12	Resumption of Cardiac Activity after Withdrawal of Life-Sustaining Measures. New England Journal of Medicine, 2021, 384, 345-352.	27.0	72
13	Effect of Blood Donor Characteristics on Transfusion Outcomes: A Systematic Review and Meta-Analysis. Transfusion Medicine Reviews, 2016, 30, 69-80.	2.0	71
14	Lopinavir-ritonavir and hydroxychloroquine for critically ill patients with COVID-19: REMAP-CAP randomized controlled trial. Intensive Care Medicine, 2021, 47, 867-886.	8.2	65
15	Red Blood Cell Transfusion in Patients With Traumatic Brain Injury: A Systematic Review and Meta-Analysis. Transfusion Medicine Reviews, 2016, 30, 15-24.	2.0	43
16	Effects of positive end-expiratory pressure/recruitment manoeuvres compared with zero end-expiratory pressure on atelectasis during open gynaecological surgery as assessed by ultrasonography: a randomised controlled trial. British Journal of Anaesthesia, 2020, 124, 101-109.	3.4	41
17	Aneurysmal SubArachnoid Hemorrhage and Red Blood Cell Transfusion And Outcome (SAHaRA): a pilot randomised controlled trial protocol. BMJ Open, 2016, 6, e012623.	1.9	35
18	Clinical Practice Guidelines and Consensus Statements in Oncology – An Assessment of Their Methodological Quality. PLoS ONE, 2014, 9, e110469.	2.5	34

#	ARTICLE	IF	CITATIONS
19	Restrictive fluid management strategies and outcomes in liver transplantation: a systematic review. <i>Canadian Journal of Anaesthesia</i> , 2020, 67, 109-127.	1.6	32
20	Integrated immunovirological profiling validates plasma SARS-CoV-2 RNA as an early predictor of COVID-19 mortality. <i>Science Advances</i> , 2021, 7, eabj5629.	10.3	32
21	Transfusion of red blood cells in patients with traumatic brain injuries admitted to Canadian trauma health centres: a multicentre cohort study. <i>BMJ Open</i> , 2017, 7, e014472.	1.9	30
22	Management of the neurologically deceased organ donor: A Canadian clinical practice guideline. <i>Cmaj</i> , 2020, 192, E361-E369.	2.0	30
23	The Biobanque quã©bã©coise de la COVID-19 (BQC19)ã€”A cohort to prospectively study the clinical and biological determinants of COVID-19 clinical trajectories. <i>PLoS ONE</i> , 2021, 16, e0245031.	2.5	30
24	Potential organ donor identification and system accountability: expert guidance from a Canadian consensus conference. <i>Canadian Journal of Anaesthesia</i> , 2019, 66, 432-447.	1.6	29
25	Diagnostic Accuracy Studies. <i>Seminars in Nuclear Medicine</i> , 2019, 49, 87-93.	4.6	27
26	Identification of SARS-CoV-2ã€”specific immune alterations in acutely ill patients. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	24
27	The Underestimated Belly Factor: Waist Circumference Is Linked to Significant Morbidity Following Isolated Coronary Artery Bypass Grafting. <i>Canadian Journal of Cardiology</i> , 2016, 32, 327-335.	1.7	22
28	Partial versus Complete Fundoplication for the Correction of Pediatric GERD: A Systematic Review and Meta-Analysis. <i>PLoS ONE</i> , 2014, 9, e112417.	2.5	21
29	Convalescent plasma for adults with acute COVID-19 respiratory illness (CONCOR-1): study protocol for an international, multicentre, randomized, open-label trial. <i>Trials</i> , 2021, 22, 323.	1.6	21
30	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.	1.6	20
31	Anemia prevalence and incidence and red blood cell transfusion practices in aneurysmal subarachnoid hemorrhage: results of a multicenter cohort study. <i>Critical Care</i> , 2018, 22, 169.	5.8	20
32	Flow is not perfusion, and perfusion is not function: ancillary testing for the diagnosis of brain death. <i>Canadian Journal of Anaesthesia</i> , 2021, 68, 953-961.	1.6	20
33	Clinical effects of blood donor characteristics in transfusion recipients: protocol of a framework to study the blood donor-recipient continuum. <i>BMJ Open</i> , 2015, 5, e007412-e007412.	1.9	19
34	Lessening Organ dysfunction with VITamin C (LOVIT): protocol for a randomized controlled trial. <i>Trials</i> , 2020, 21, 42.	1.6	19
35	Effects of Intraoperative Fluid Balance During Liver Transplantation on Postoperative Acute Kidney Injury: An Observational Cohort Study. <i>Transplantation</i> , 2020, 104, 1419-1428.	1.0	19
36	Moral Distress and Other Wellness Measures in Canadian Critical Care Physicians. <i>Annals of the American Thoracic Society</i> , 2021, 18, 1343-1351.	3.2	19

#	ARTICLE	IF	CITATIONS
37	Hemoglobin thresholds and red blood cell transfusion in adult patients with moderate or severe traumatic brain injuries: A retrospective cohort study. <i>Journal of Critical Care</i> , 2018, 45, 133-139.	2.2	17
38	Low-value clinical practices in injury care: A scoping review and expert consultation survey. <i>Journal of Trauma and Acute Care Surgery</i> , 2019, 86, 983-993.	2.1	17
39	Ancillary testing for diagnosis of brain death: a protocol for a systematic review and meta-analysis. <i>Systematic Reviews</i> , 2013, 2, 100.	5.3	16
40	Body mass index and the risk of injury in adults: a cross-sectional study. <i>International Journal of Obesity</i> , 2014, 38, 1403-1409.	3.4	16
41	Multicountry survey of emergency and critical care medicine physicians' fluid resuscitation practices for adult patients with early septic shock. <i>BMJ Open</i> , 2016, 6, e010041.	1.9	15
42	Risks and trends of red blood cell transfusion in obstetric patients: a retrospective study of 45,213 deliveries using administrative data. <i>Transfusion</i> , 2017, 57, 2197-2205.	1.6	15
43	Criteria to Identify a Potential Deceased Organ Donor: A Systematic Review. <i>Critical Care Medicine</i> , 2018, 46, 1318-1327.	0.9	15
44	Do patient-reported outcome measures for SAH include patient, family, and caregiver priorities?. <i>Neurology</i> , 2019, 92, 281-295.	1.1	15
45	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.	1.6	15
46	Blood Transfusion and Adverse Graft-related Events in Kidney Transplant Patients. <i>Kidney International Reports</i> , 2021, 6, 1041-1049.	0.8	13
47	Subarachnoid hemorrhage admissions retrospectively identified using a prediction model. <i>Neurology</i> , 2016, 87, 1557-1564.	1.1	11
48	A Systematic Review of the Impact of Surgical Special Care Units on Patient Outcomes and Health Care Resource Utilization. <i>Anesthesia and Analgesia</i> , 2019, 128, 533-542.	2.2	11
49	Low-Value Clinical Practices in Adult Traumatic Brain Injury: An Umbrella Review. <i>Journal of Neurotrauma</i> , 2020, 37, 2605-2615.	3.4	11
50	Variability in deceased donor care in Canada: a report of the Canada-DONATE cohort study. <i>Canadian Journal of Anaesthesia</i> , 2020, 67, 992-1004.	1.6	11
51	Predicting the need for supportive services after discharged from hospital: a systematic review. <i>BMC Health Services Research</i> , 2020, 20, 161.	2.2	11
52	Immunosuppressant Medication Use in Patients with Kidney Allograft Failure: A Prospective Multicenter Canadian Cohort Study. <i>Journal of the American Society of Nephrology: JASN</i> , 2022, 33, 1182-1192.	6.1	11
53	Early predictors of Guillain-Barré syndrome in the life course of women. <i>International Journal of Epidemiology</i> , 2018, 47, 280-288.	1.9	10
54	Effects of intraoperative hemodynamic management on postoperative acute kidney injury in liver transplantation: An observational cohort study. <i>PLoS ONE</i> , 2020, 15, e0237503.	2.5	10

#	ARTICLE	IF	CITATIONS
55	Transfusion Patterns in All Patients Admitted to the Intensive Care Unit and in Those Who Die in Hospital: A Descriptive Analysis. PLoS ONE, 2015, 10, e0138427.	2.5	10
56	Design, implementation, and evaluation of a knowledge translation intervention to increase organ donation after cardiocirculatory death in Canada: a study protocol. Implementation Science, 2014, 9, 80.	6.9	9
57	The win ratio approach did not alter study conclusions and may mitigate concerns regarding unequal composite end points in kidney transplant trials. Journal of Clinical Epidemiology, 2018, 98, 9-15.	5.0	9
58	Modeling consent in the time of COVID-19. Journal of Law and the Biosciences, 2020, 7, lsa020.	1.6	9
59	Integrating artificial intelligence in bedside care for covid-19 and future pandemics. BMJ, The, 2021, 375, e068197.	6.0	9
60	Évaluation clinique et tests auxiliaires pour le diagnostic de décès déterminé par des critères neurologiques : un sondage transversal auprès des intensivistes canadiens. Canadian Journal of Anaesthesia, 2022, 69, 353-363.	1.6	9
61	Risk of exposure to blood products during pregnancy: guidance for Zika and other donor deferral policies. Transfusion, 2017, 57, 811-815.	1.6	8
62	Canada-DONATE study protocol: a prospective national observational study of the medical management of deceased organ donors. BMJ Open, 2017, 7, e018858.	1.9	8
63	Red blood cell transfusion in critically ill patients with traumatic brain injury: an international survey of physicians' attitudes. Canadian Journal of Anaesthesia, 2019, 66, 1038-1048.	1.6	8
64	Trends in IVIG use at a tertiary care Canadian center and impact of provincial use mitigation strategies: 10-year retrospective study with interrupted time series analysis. Transfusion, 2019, 59, 1988-1996.	1.6	8
65	Red blood cell transfusion in patients with traumatic brain injury: a systematic review protocol. Systematic Reviews, 2014, 3, 66.	5.3	6
66	Association between intraoperative fluid balance, vasopressors and graft complications in liver transplantation: A cohort study. PLoS ONE, 2021, 16, e0254455.	2.5	6
67	Neurological Determination of Death Following Infratentorial Stroke: A Population-Based Cohort Study. Canadian Journal of Neurological Sciences, 2022, 49, 553-559.	0.5	6
68	Quality Indicators Targeting Low-Value Clinical Practices in Trauma Care. JAMA Surgery, 2022, 157, 507.	4.3	6
69	Effect of blood donor characteristics on transfusion outcomes: a protocol for systematic review and meta-analysis. Systematic Reviews, 2014, 3, 28.	5.3	5
70	Effects of perioperative fluid management on postoperative outcomes in liver transplantation: a systematic review protocol. Systematic Reviews, 2018, 7, 180.	5.3	5
71	Assessing the relationship between near-infrared spectroscopy-derived regional cerebral oxygenation and neurological dysfunction in critically ill adults: a prospective observational multicentre protocol, on behalf of the Canadian Critical Care Trials Group. BMJ Open, 2019, 9, e029189.	1.9	5
72	Evaluating the Clinical Effect of Female Blood Donors of Child-Bearing Age on Maternal and Neonatal Outcomes: A Cohort Study. Transfusion Medicine Reviews, 2020, 34, 117-123.	2.0	5

#	ARTICLE	IF	CITATIONS
73	Development and validation of a liquid chromatography coupled to tandem mass spectrometry method for the simultaneous quantification of five analgesics and sedatives, and six of their active metabolites in human plasma: Application to a clinical study on the determination of neurological death in the intensive care unit. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 190, 113521.	2.8	5
74	Cardiac donation after circulatory determination of death: protocol for a mixed-methods study of healthcare provider and public perceptions in Canada. <i>BMJ Open</i> , 2020, 10, e033932.	1.9	5
75	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.	1.9	5
76	Association between obesity and hospital mortality in critical COVID-19: a retrospective cohort study. <i>International Journal of Obesity</i> , 2021, 45, 2617-2622.	3.4	5
77	Blood transfusion and the risk for infections in kidney transplant patients. <i>PLoS ONE</i> , 2021, 16, e0259270.	2.5	5
78	Intraoperative phlebotomies and bleeding in liver transplantation: a historical cohort study and causal analysis. <i>Canadian Journal of Anaesthesia</i> , 2022, 69, 438-447.	1.6	5
79	Red blood cell transfusion and mortality effect in aneurysmal subarachnoid hemorrhage: a systematic review and meta-analysis protocol. <i>Systematic Reviews</i> , 2015, 4, 41.	5.3	4
80	Risk assessment tools to predict location of discharge and need for supportive services for medical patients after discharge from hospital: a systematic review protocol. <i>Systematic Reviews</i> , 2017, 6, 8.	5.3	4
81	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.	1.9	4
82	Impact of Using Alternative Graft Function Endpoints: A Secondary Analysis of a Kidney Transplant Trial. <i>Transplantation Direct</i> , 2019, 5, e439.	1.6	4
83	Optimal VAsopressor Titration in patients 65 years and older (OVATION-65): protocol and statistical analysis plan for a randomised clinical trial. <i>BMJ Open</i> , 2020, 10, e037947.	1.9	4
84	Identifying behaviour change techniques within randomized trials of interventions promoting deceased organ donation registration. <i>British Journal of Health Psychology</i> , 2021, , .	3.5	4
85	The Ottawa SAH search algorithms: protocol for a multi- centre validation study of primary subarachnoid hemorrhage prediction models using health administrative data (the SAHepi prediction) <i>Tj ETQq1 1 03784314 18 BT /Over</i>	3.7	4
86	Low-value clinical practices in adult traumatic brain injury: an umbrella review protocol. <i>BMJ Open</i> , 2019, 9, e031747.	1.9	3
87	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
88	Pragmatic, double-blind, randomised trial evaluating the impact of red blood cell donor sex on recipient mortality in an academic hospital population: the innovative Trial Assessing Donor Sex (iTADS) protocol. <i>BMJ Open</i> , 2021, 11, e049598.	1.9	3
89	Economic Evaluation of In-Hospital Clinical Practices in Acute Injury Care: A Systematic Review. <i>Value in Health</i> , 2022, 25, 844-854.	0.3	3
90	Lessening Organ Dysfunction With Vitamin C (LOVIT) Trial: Statistical Analysis Plan. <i>JMIR Research Protocols</i> , 2022, 11, e36261.	1.0	3

#	ARTICLE	IF	CITATIONS
91	Blood Donor Characteristics On Transfusion Outcomesâ€”Should Obesity Be Assessed in Future Clinical Trials?â€”Reply. <i>JAMA Internal Medicine</i> , 2017, 177, 599.	5.1	2
92	Pseudo-Chemical Meningitis and the Malignant Transformation of an Epidermoid Cyst. <i>Canadian Journal of Neurological Sciences</i> , 2019, 46, 642-644.	0.5	2
93	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.	1.6	2
94	Moral Distress and Other Wellness Measures in Canadian Intensive Care Physicians. , 2019, , .		1
95	Commentary on Hay et al.: Can clinical trials data collection be improved by administrative data elements?. <i>Clinical Trials</i> , 2019, 16, 18-19.	1.6	1
96	Economic evaluation of intrahospital clinical practices in injury care: protocol for a 10-year systematic review. <i>BMJ Open</i> , 2020, 10, e034472.	1.9	1
97	The evolution of mean arterial pressure in critically ill patients on vasopressors before and during a trial comparing a specific mean arterial pressure target to usual care. <i>BMC Anesthesiology</i> , 2022, 22, 6.	1.8	1
98	460: CANADIAN PRACTICES FOR THE NEUROLOGIC DETERMINATION OF DEATH. <i>Critical Care Medicine</i> , 2018, 46, 214-214.	0.9	0
99	Response to Assessing Association Between Intraoperative Fluid Balance and the Risk of Acute Kidney Injury After Liver Transplantation: Methodological Issues. <i>Transplantation</i> , 2020, 104, e304-e305.	1.0	0
100	External validation demonstrated the Ottawa SAH prediction models can identify pSAH using health administrative data. <i>Journal of Clinical Epidemiology</i> , 2020, 126, 122-130.	5.0	0
101	An evaluation of the methodologic quality of clinical practice guidelines and consensus statements in oncology.. <i>Journal of Clinical Oncology</i> , 2014, 32, e17629-e17629.	1.6	0
102	In reply: Mistaken concepts on the use of ancillary testing in brain death diagnosis. <i>Canadian Journal of Anaesthesia</i> , 2022, 69, 407-408.	1.6	0
103	Title is missing!. , 2020, 15, e0237503.		0
104	Title is missing!. , 2020, 15, e0237503.		0
105	Title is missing!. , 2020, 15, e0237503.		0
106	Title is missing!. , 2020, 15, e0237503.		0
107	Necrotizing Fasciitis: Association with Pregnancy-related Risk Factors Early in Life.. <i>Yale Journal of Biology and Medicine</i> , 2021, 94, 573-584.	0.2	0