

Michal Chass

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

102
papers

1,888
citations

17
h-index

41
g-index

116
ext. papers

3,015
ext. citations

7.9
avg, IF

4.28
L-index

#	Paper	IF	Citations
102	Effect of Hydrocortisone on Mortality and Organ Support in Patients With Severe COVID-19: The REMAP-CAP COVID-19 Corticosteroid Domain Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2020 , 324, 1317-1329	27.4	386
101	Restrictive or Liberal Red-Cell Transfusion for Cardiac Surgery. <i>New England Journal of Medicine</i> , 2017 , 377, 2133-2144	59.2	338
100	Six-Month Outcomes after Restrictive or Liberal Transfusion for Cardiac Surgery. <i>New England Journal of Medicine</i> , 2018 , 379, 1224-1233	59.2	123
99	Levofloxacin for BK virus prophylaxis following kidney transplantation: a randomized clinical trial. <i>JAMA - Journal of the American Medical Association</i> , 2014 , 312, 2106-14	27.4	89
98	Ramipril versus placebo in kidney transplant patients with proteinuria: a multicentre, double-blind, randomised controlled trial. <i>Lancet Diabetes and Endocrinology</i> , 2016 , 4, 318-26	18.1	76
97	Association of Blood Donor Age and Sex With Recipient Survival After Red Blood Cell Transfusion. <i>JAMA Internal Medicine</i> , 2016 , 176, 1307-14	11.5	74
96	Alterations in Portal Vein Flow and Intrarenal Venous Flow Are Associated With Acute Kidney Injury After Cardiac Surgery: A Prospective Observational Cohort Study. <i>Journal of the American Heart Association</i> , 2018 , 7, e009961	6	67
95	Convalescent plasma for hospitalized patients with COVID-19: an open-label, randomized controlled trial. <i>Nature Medicine</i> , 2021 , 27, 2012-2024	50.5	53
94	A Neanderthal OAS1 isoform protects individuals of European ancestry against COVID-19 susceptibility and severity. <i>Nature Medicine</i> , 2021 , 27, 659-667	50.5	52
93	Effect of Blood Donor Characteristics on Transfusion Outcomes: A Systematic Review and Meta-Analysis. <i>Transfusion Medicine Reviews</i> , 2016 , 30, 69-80	7.4	45
92	Effect of Convalescent Plasma on Organ Support-Free Days in Critically Ill Patients With COVID-19: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2021 , 326, 1690-1702	27.4	37
91	Red Blood Cell Transfusion in Patients With Traumatic Brain Injury: A Systematic Review and Meta-Analysis. <i>Transfusion Medicine Reviews</i> , 2016 , 30, 15-24	7.4	33
90	Aneurysmal SubArachnoid Hemorrhage-Red Blood Cell Transfusion And Outcome (SAHaRA): a pilot randomised controlled trial protocol. <i>BMJ Open</i> , 2016 , 6, e012623	3	23
89	Clinical practice guidelines and consensus statements in oncology--an assessment of their methodological quality. <i>PLoS ONE</i> , 2014 , 9, e110469	3.7	20
88	Lopinavir-ritonavir and hydroxychloroquine for critically ill patients with COVID-19: REMAP-CAP randomized controlled trial. <i>Intensive Care Medicine</i> , 2021 , 47, 867-886	14.5	20
87	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. <i>British Journal of Anaesthesia</i> , 2020 , 124, 101-109	5.4	19
86	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	3	17

85	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	3	15
84	Partial versus complete fundoplication for the correction of pediatric GERD: a systematic review and meta-analysis. <i>PLoS ONE</i> , 2014 , 9, e112417	3.7	15
83	Resumption of Cardiac Activity after Withdrawal of Life-Sustaining Measures. <i>New England Journal of Medicine</i> , 2021 , 384, 345-352	59.2	15
82	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, 327-35	3.8	13
81	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	4	13
80	Ancillary testing for diagnosis of brain death: a protocol for a systematic review and meta-analysis. <i>Systematic Reviews</i> , 2013 , 2, 100	3	13
79	Potential organ donor identification and system accountability: expert guidance from a Canadian consensus conference. <i>Canadian Journal of Anaesthesia</i> , 2019 , 66, 432-447	3	12
78	Body mass index and the risk of injury in adults: a cross-sectional study. <i>International Journal of Obesity</i> , 2014 , 38, 1403-9	5.5	11
77	Restrictive fluid management strategies and outcomes in liver transplantation: a systematic review. <i>Canadian Journal of Anaesthesia</i> , 2020 , 67, 109-127	3	11
76	Diagnostic Accuracy Studies. <i>Seminars in Nuclear Medicine</i> , 2019 , 49, 87-93	5.4	10
75	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	2.9	10
74	Subarachnoid hemorrhage admissions retrospectively identified using a prediction model. <i>Neurology</i> , 2016 , 87, 1557-1564	6.5	10
73	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	3.3	10
72	Lessening Organ dysfunction with VITamin C (LOVIT): protocol for a randomized controlled trial. <i>Trials</i> , 2020 , 21, 42	2.8	9
71	Effects of Intraoperative Fluid Balance During Liver Transplantation on Postoperative Acute Kidney Injury: An Observational Cohort Study. <i>Transplantation</i> , 2020 , 104, 1419-1428	1.8	9
70	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	2.8	9
69	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	3	9
68	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	2.3	9

67	Management of the neurologically deceased organ donor: A Canadian clinical practice guideline. <i>Cmaj</i> , 2020 , 192, E361-E369	3.5	8
66	The win ratio approach did not alter study conclusions and may mitigate concerns regarding unequal composite end points in kidney transplant trials. <i>Journal of Clinical Epidemiology</i> , 2018 , 98, 9-15	5.7	8
65	Transfusion Patterns in All Patients Admitted to the Intensive Care Unit and in Those Who Die in Hospital: A Descriptive Analysis. <i>PLoS ONE</i> , 2015 , 10, e0138427	3.7	8
64	Integrated immunovirological profiling validates plasma SARS-CoV-2 RNA as an early predictor of COVID-19 mortality. <i>Science Advances</i> , 2021 , 7, eabj5629	14.3	8
63	Do patient-reported outcome measures for SAH include patient, family, and caregiver priorities? A scoping review. <i>Neurology</i> , 2019 , 92, 281-295	6.5	8
62	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	10.8	7
61	Design, implementation, and evaluation of a knowledge translation intervention to increase organ donation after cardiocirculatory death in Canada: a study protocol. <i>Implementation Science</i> , 2014 , 9, 80	8.4	7
60	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	3.9	7
59	Risk of exposure to blood products during pregnancy: guidance for Zika and other donor deferral policies. <i>Transfusion</i> , 2017 , 57, 811-815	2.9	6
58	Early predictors of Guillain-Barré syndrome in the life course of women. <i>International Journal of Epidemiology</i> , 2018 , 47, 280-288	7.8	6
57	Red blood cell transfusion in patients with traumatic brain injury: a systematic review protocol. <i>Systematic Reviews</i> , 2014 , 3, 66	3	6
56	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	3	6
55	Identification of SARS-CoV-2-specific immune alterations in acutely ill patients. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	6
54	Predicting the need for supportive services after discharged from hospital: a systematic review. <i>BMC Health Services Research</i> , 2020 , 20, 161	2.9	5
53	Integrated immunovirological profiling validates plasma SARS-CoV-2 RNA as an early predictor of COVID-19 mortality		5
52	Criteria to Identify a Potential Deceased Organ Donor: A Systematic Review. <i>Critical Care Medicine</i> , 2018 , 46, 1318-1327	1.4	5
51	Moral Distress and Other Wellness Measures in Canadian Critical Care Physicians. <i>Annals of the American Thoracic Society</i> , 2021 , 18, 1343-1351	4.7	5
50	Canada-DONATE study protocol: a prospective national observational study of the medical management of deceased organ donors. <i>BMJ Open</i> , 2017 , 7, e018858	3	4

49	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	3	4
48	Effect of blood donor characteristics on transfusion outcomes: a protocol for systematic review and meta-analysis. <i>Systematic Reviews</i> , 2014 , 3, 28	3	4
47	A Neanderthal OAS1 isoform Protects Against COVID-19 Susceptibility and Severity: Results from Mendelian Randomization and Case-Control Studies		4
46	Modeling consent in the time of COVID-19. <i>Journal of Law and the Biosciences</i> , 2020 , 7, lsa020	4.1	4
45	Effects of intraoperative hemodynamic management on postoperative acute kidney injury in liver transplantation: An observational cohort study. <i>PLoS ONE</i> , 2020 , 15, e0237503	3.7	4
44	The Biobanque québécoise de la COVID-19 (BQC19)-A cohort to prospectively study the clinical and biological determinants of COVID-19 clinical trajectories. <i>PLoS ONE</i> , 2021 , 16, e0245031	3.7	4
43	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. <i>BMJ Open</i> , 2019 , 9, e029189	3	4
42	Red blood cell transfusion in critically ill patients with traumatic brain injury: an international survey of physicians' attitudes. <i>Canadian Journal of Anaesthesia</i> , 2019 , 66, 1038-1048	3	3
41	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	3	3
40	Evaluating the Clinical Effect of Female Blood Donors of Child-Bearing Age on Maternal and Neonatal Outcomes: A Cohort Study. <i>Transfusion Medicine Reviews</i> , 2020 , 34, 117-123	7.4	3
39	Convalescent plasma for hospitalized patients with COVID-19 and the effect of plasma antibodies: a randomized controlled, open-label trial		3
38	Effects of perioperative fluid management on postoperative outcomes in liver transplantation: a systematic review protocol. <i>Systematic Reviews</i> , 2018 , 7, 180	3	3
37	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 study protocol). <i>BMC Medical Research Methodology</i> , 2018 , 18, 94	4.7	3
36	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	3	2
35	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	3	2
34	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	3.5	2
33	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	3	2
32	Low-Value Clinical Practices in Adult Traumatic Brain Injury: An Umbrella Review. <i>Journal of Neurotrauma</i> , 2020 , 37, 2605-2615	5.4	2

31	Blood Transfusion and Adverse Graft-related Events in Kidney Transplant Patients. <i>Kidney International Reports</i> , 2021 , 6, 1041-1049	4.1	2
30	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	3	2
29	Low-value clinical practices in adult traumatic brain injury: an umbrella review protocol. <i>BMJ Open</i> , 2019 , 9, e031747	3	2
28	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	3	2
27	Impact of Using Alternative Graft Function Endpoints: A Secondary Analysis of a Kidney Transplant Trial. <i>Transplantation Direct</i> , 2019 , 5, e439	2.3	2
26	Blood Donor Characteristics On Transfusion Outcomes-Should Obesity Be Assessed in Future Clinical Trials?-Reply. <i>JAMA Internal Medicine</i> , 2017 , 177, 599-600	11.5	1
25	Pseudo-Chemical Meningitis and the Malignant Transformation of an Epidermoid Cyst. <i>Canadian Journal of Neurological Sciences</i> , 2019 , 46, 642-644	1	1
24	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. <i>Transfusion</i> , 2019 , 59, 1988-1996	2.0	1
23	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	3	1
22	Economic evaluation of intrahospital clinical practices in injury care: protocol for a 10-year systematic review. <i>BMJ Open</i> , 2020 , 10, e034472	3	1
21	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	3	1
20	Survey of Canadian critical care physicians knowledge and attitudes towards legislative aspects of the deceased organ donation system. <i>Canadian Journal of Anaesthesia</i> , 2020 , 67, 1349-1358	3	1
19	Association between intraoperative fluid balance, vasopressors and graft complications in liver transplantation: A cohort study. <i>PLoS ONE</i> , 2021 , 16, e0254455	3.7	1
18	Association between obesity and hospital mortality in critical COVID-19: a retrospective cohort study. <i>International Journal of Obesity</i> , 2021 , 45, 2617-2622	5.5	1
17	Clinical evaluation and ancillary testing for the diagnosis of death by neurologic criteria: a cross-sectional survey of Canadian intensivists.. <i>Canadian Journal of Anaesthesia</i> , 2021 , 69, 353	3	1
16	Commentary on Hay et al.: Can clinical trials data collection be improved by administrative data elements?. <i>Clinical Trials</i> , 2019 , 16, 18-19	2.2	0
15	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	2.4	0
14	Intraoperative phlebotomies and bleeding in liver transplantation: a historical cohort study and causal analysis.. <i>Canadian Journal of Anaesthesia</i> , 2022 , 69, 438	3	0

13	Blood transfusion and the risk for infections in kidney transplant patients. <i>PLoS ONE</i> , 2021 , 16, e0259270.	0.7	o
12	Neurological Determination of Death Following Infratentorial Stroke: A Population-Based Cohort Study. <i>Canadian Journal of Neurological Sciences</i> , 2021 , 1-7	1	o
11	Integrating artificial intelligence in bedside care for covid-19 and future pandemics.. <i>BMJ, The</i> , 2021 , 375, e068197	5.9	o
10	Economic Evaluation of In-Hospital Clinical Practices in Acute Injury Care: A Systematic Review.. <i>Value in Health</i> , 2022 , 25, 844-854	3.3	o
9	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	5.7	
8	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	2.2	
7	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	1.8	
6	In reply: Mistaken concepts on the use of ancillary testing in brain death diagnosis.. <i>Canadian Journal of Anaesthesia</i> , 2021 , 69, 407	3	
5	Effects of intraoperative hemodynamic management on postoperative acute kidney injury in liver transplantation: An observational cohort study 2020 , 15, e0237503		
4	Effects of intraoperative hemodynamic management on postoperative acute kidney injury in liver transplantation: An observational cohort study 2020 , 15, e0237503		
3	Effects of intraoperative hemodynamic management on postoperative acute kidney injury in liver transplantation: An observational cohort study 2020 , 15, e0237503		
2	Effects of intraoperative hemodynamic management on postoperative acute kidney injury in liver transplantation: An observational cohort study 2020 , 15, e0237503		
1	Necrotizing Fasciitis: Association with Pregnancy-related Risk Factors Early in Life.. <i>Yale Journal of Biology and Medicine</i> , 2021 , 94, 573-584	2.4	