

# Mrinalini Balki

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

1,390  
citations

304368

22  
h-index

344852

36  
g-index

56  
all docs

56  
docs citations

56  
times ranked

832  
citing authors

#	ARTICLE	IF	CITATIONS
1	Anesthesia-related adverse events in obstetric patients: a population-based study in Canada. <i>Canadian Journal of Anaesthesia</i> , 2022, 69, 72-85.	0.7	5
2	Placenta Accreta Spectrum Disorders: Knowledge Gaps in Anesthesia Care. <i>Anesthesia and Analgesia</i> , 2022, 135, 191-197.	1.1	10
3	Assessment of sensory block during labour epidural analgesia: a prospective cohort study to determine the influence of the direction of testing. <i>Canadian Journal of Anaesthesia</i> , 2022, 69, 750-755.	0.7	4
4	Management of difficult and failed intubation in the general surgical population: a historical cohort study in a tertiary care centre. <i>Canadian Journal of Anaesthesia</i> , 2022, 69, 427-437.	0.7	7
5	Incidence, morbidity, and associated factors for sepsis in women hospitalized for delivery: a nationwide retrospective observational population-based study in Canada. <i>Canadian Journal of Anaesthesia</i> , 2022, 69, 298-310.	0.7	7
6	Prophylactic Administration of Uterotonics to Prevent Postpartum Hemorrhage in Women Undergoing Cesarean Delivery for Arrest of Labor. <i>Obstetrics and Gynecology</i> , 2021, 137, 505-513.	1.2	4
7	The Effects of Nitroglycerin on the Oxytocin Dose-Response Profile in Oxytocin-Desensitized and Na <sup>+</sup> -ve Human Myometrium: An In Vitro Study. <i>Anesthesia and Analgesia</i> , 2021, 132, 231-239.	1.1	2
8	Obstetric Emergencies requiring Rapid response team activation: A retrospective cohort study in a high-risk tertiary care centre. <i>Journal of Obstetrics and Gynaecology Canada</i> , 2021, , .	0.3	2
9	The effect of morbid obesity or advanced maternal age on oxytocin-induced myometrial contractions: an in vitro study. <i>Canadian Journal of Anaesthesia</i> , 2020, 67, 836-846.	0.7	12
10	Nitroglycerin use in obstetrical anesthesia: a multicentre survey of Canadian anesthesiologists. <i>Canadian Journal of Anaesthesia</i> , 2020, 67, 1092-1093.	0.7	0
11	What does basic science tell us about the use of uterotonics?. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2019, 61, 3-14.	1.4	7
12	Epidural electrical stimulation test versus local anesthetic test dose for thoracic epidural catheter placement: a prospective observational study. <i>Canadian Journal of Anaesthesia</i> , 2019, 66, 380-387.	0.7	8
13	The Effect of Intermittent Oxytocin Pretreatment on Oxytocin-Induced Contractility of Human Myometrium In Vitro. <i>Anesthesia and Analgesia</i> , 2019, 128, 671-678.	1.1	9
14	Epidemiology of Cardiac Arrest During Hospitalization for Delivery in Canada: A Nationwide Study. <i>Anesthesia and Analgesia</i> , 2017, 124, 890-897.	1.1	36
15	The association between the time from oxytocin cessation during labour to Cesarean delivery and postpartum blood loss: a retrospective cohort study. <i>Canadian Journal of Anaesthesia</i> , 2017, 64, 820-827.	0.7	12
16	Effect of magnesium sulfate on oxytocin-induced contractility in human myometrium: an in vitro study. <i>Canadian Journal of Anaesthesia</i> , 2017, 64, 744-753.	0.7	5
17	Teamwork Assessment Tools in Obstetric Emergencies. <i>Simulation in Healthcare</i> , 2017, 12, 165-176.	0.7	25
18	Multidisciplinary Delphi Development of a Scale to Evaluate Team Function in Obstetric Emergencies: The PETRA Scale. <i>Journal of Obstetrics and Gynaecology Canada</i> , 2017, 39, 434-442.e2.	0.3	6

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19	The PETRA (Perinatal Emergency Team Response Assessment) Scale: A High-Fidelity Simulation Validation Study. <i>Journal of Obstetrics and Gynaecology Canada</i> , 2017, 39, 523-533.e12.	0.3	14
20	Response Patterns to the Electric Stimulation of Epidural Catheters in Pregnant Women. <i>Anesthesia and Analgesia</i> , 2016, 123, 950-954.	1.1	6
21	The Recovery Time of Myometrial Responsiveness After Oxytocin-Induced Desensitization in Human Myometrium In Vitro. <i>Anesthesia and Analgesia</i> , 2016, 122, 1508-1515.	1.1	23
22	Remifentanyl for labor analgesia: a comprehensive review. <i>Journal of Anesthesia</i> , 2016, 30, 1020-1030.	0.7	22
23	Mode of anesthesia and clinical outcomes of patients undergoing Cesarean delivery for invasive placentation: a retrospective cohort study of 50 consecutive cases. <i>Canadian Journal of Anaesthesia</i> , 2016, 63, 1233-1244.	0.7	40
24	The Effect of Extracellular Calcium on Oxytocin-Induced Contractility in Naive and Oxytocin-Pretreated Human Myometrium In Vitro. <i>Anesthesia and Analgesia</i> , 2016, 122, 1498-1507.	1.1	11
25	<i>In Vitro</i> Comparative Effect of Carbetocin and Oxytocin in Pregnant Human Myometrium with and without Oxytocin Pretreatment. <i>Anesthesiology</i> , 2016, 124, 378-386.	1.3	16
26	The Contractile Effects of Oxytocin, Ergonovine, and Carboprost and Their Combinations. <i>Anesthesia and Analgesia</i> , 2015, 120, 1074-1084.	1.1	15
27	Carbetocin at Cesarean delivery for labour arrest: a sequential allocation trial to determine the effective dose. <i>Canadian Journal of Anaesthesia</i> , 2015, 62, 866-874.	0.7	24
28	Effectiveness of using high-fidelity simulation to teach the management of general anesthesia for Cesarean delivery. <i>Canadian Journal of Anaesthesia</i> , 2014, 61, 922-934.	0.7	16
29	Oxytocin Protocols for Cesarean Delivery. <i>International Anesthesiology Clinics</i> , 2014, 52, 48-66.	0.3	20
30	Carbetocin at elective Cesarean delivery: a sequential allocation trial to determine the minimum effective dose. <i>Canadian Journal of Anaesthesia</i> , 2014, 61, 242-248.	0.7	39
31	Comparative efficacy of uterotonic agents: in vitro contractions in isolated myometrial strips of labouring and non-labouring women. <i>Canadian Journal of Anaesthesia</i> , 2014, 61, 808-818.	0.7	23
32	Carbetocin at elective Cesarean delivery: a randomized controlled trial to determine the effective dose, part 2. <i>Canadian Journal of Anaesthesia</i> , 2013, 60, 1054-1060.	0.7	27
33	Maternal cardiac arrest in a tertiary care centre during 1989-2011: a case series. <i>Canadian Journal of Anaesthesia</i> , 2013, 60, 1077-1084.	0.7	24
34	The epidural electric stimulation test does not predict local anesthetic spread or consumption in labour epidural analgesia. <i>Canadian Journal of Anaesthesia</i> , 2013, 60, 393-398.	0.7	11
35	Oxytocin Pretreatment Attenuates Oxytocin-induced Contractions in Human Myometrium <i>In Vitro</i> . <i>Anesthesiology</i> , 2013, 119, 552-561.	1.3	56
36	Contractile Efficacy of Various Prostaglandins in Pregnant Rat Myometrium Pretreated With Oxytocin. <i>Reproductive Sciences</i> , 2012, 19, 968-975.	1.1	11

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37	Unanticipated Difficult Airway in Obstetric Patients. <i>Anesthesiology</i> , 2012, 117, 883-897.	1.3	43
38	Management of simulated maternal cardiac arrest by residents: didactic teaching versus electronic learning. <i>Canadian Journal of Anaesthesia</i> , 2012, 59, 852-860.	0.7	18
39	Carbetocin at elective Cesarean delivery: a randomized controlled trial to determine the effective dose. <i>Canadian Journal of Anaesthesia</i> , 2012, 59, 751-757.	0.7	38
40	R�mifentanil versus fentanyl pour lâ€™analg�sie intraveineuse contr�le par les patientes en travail: �tude observationnelle. <i>Canadian Journal of Anaesthesia</i> , 2012, 59, 246-254.	0.7	47
41	Locating the epidural space in obstetric patients� ultrasound a useful tool: Continuing Professional Development. <i>Canadian Journal of Anaesthesia</i> , 2010, 57, 1111-1126.	0.7	48
42	Oxytocin Pretreatment of Pregnant Rat Myometrium Reduces the Efficacy of Oxytocin but Not of Ergonovine Maleate or Prostaglandin F2�. <i>Reproductive Sciences</i> , 2010, 17, 269-277.	1.1	32
43	Oxytocin Pretreatment Decreases Oxytocin-induced Myometrial Contractions in Pregnant Rats in a Concentration-dependent But Not Time-dependent Manner. <i>Reproductive Sciences</i> , 2009, 16, 501-508.	1.1	44
44	Spine ultrasound for facilitating labor epidurals in obese parturients. <i>Canadian Journal of Anaesthesia</i> , 2008, 55, 4758761-4758762.	0.7	0
45	Blood Transfusion for Primary Postpartum Hemorrhage: A Tertiary Care Hospital Review. <i>Journal of Obstetrics and Gynaecology Canada</i> , 2008, 30, 1002-1007.	0.3	35
46	The Prophylactic Granisetron Does Not Prevent Postdelivery Nausea and Vomiting During Elective Cesarean Delivery Under Spinal Anesthesia. <i>Anesthesia and Analgesia</i> , 2007, 104, 679-683.	1.1	20
47	L�analg�sie au r�mifentanil contr�le par le patient pour le travail obst�trical : lâ€™optimisation des r�gimes d�administration des m�dicaments. <i>Canadian Journal of Anaesthesia</i> , 2007, 54, 626-633.	0.7	81
48	Remifentanil patient-controlled analgesia for labour: optimizing drug delivery regimens. <i>Canadian Journal of Anaesthesia</i> , 2007, 54, 626-33.	0.7	9
49	Lumbar dural sac width by ultrasound and sensory levels under spinal. <i>Canadian Journal of Anaesthesia</i> , 2006, 53, 26295-26295.	0.7	0
50	Immediate post-partum blood transfusion : a chart review. <i>Canadian Journal of Anaesthesia</i> , 2006, 53, 26344-26344.	0.7	0
51	Patient controlled analgesia with remifentanil for labor pain. <i>Canadian Journal of Anaesthesia</i> , 2006, 53, 26346-26346.	0.7	2
52	Minimum Oxytocin Dose Requirement After Cesarean Delivery for Labor Arrest. <i>Obstetrics and Gynecology</i> , 2006, 107, 45-50.	1.2	132
53	Craniotomy for suprasellar meningioma in a 28-week pregnant woman without fetal heart rate monitoring. <i>Canadian Journal of Anaesthesia</i> , 2004, 51, 573-576.	0.7	38
54	Oxytocin Requirements at Elective Cesarean Delivery: A Dose-Finding Study. <i>Obstetrics and Gynecology</i> , 2004, 104, 1005-1010.	1.2	198

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55	Venous air embolism during awake craniotomy in a supine patient. Canadian Journal of Anaesthesia, 2003, 50, 835-838.	0.7	46