

# Mrinalini Balki

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

1,390  
citations

304743

22  
h-index

345221

36  
g-index

56  
all docs

56  
docs citations

56  
times ranked

832  
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxytocin Requirements at Elective Cesarean Delivery: A Dose-Finding Study. <i>Obstetrics and Gynecology</i> , 2004, 104, 1005-1010.	2.4	198
2	Minimum Oxytocin Dose Requirement After Cesarean Delivery for Labor Arrest. <i>Obstetrics and Gynecology</i> , 2006, 107, 45-50.	2.4	132
3	L'analyse analgésique au fentanyl contrôlée par le patient pour le travail obstétrical : l'optimisation des régimes d'administration des médicaments. <i>Canadian Journal of Anaesthesia</i> , 2007, 54, 626-633.	1.6	81
4	Oxytocin Pretreatment Attenuates Oxytocin-induced Contractions in Human Myometrium <i>In Vitro</i> . <i>Anesthesiology</i> , 2013, 119, 552-561.	2.5	56
5	Locating the epidural space in obstetric patients: ultrasound a useful tool: Continuing Professional Development. <i>Canadian Journal of Anaesthesia</i> , 2010, 57, 1111-1126.	1.6	48
6	Fentanyl versus fentanyl pour l'analgésie intraveineuse contrôlée par les patientes en travail: Étude observationnelle. <i>Canadian Journal of Anaesthesia</i> , 2012, 59, 246-254.	1.6	47
7	Venous air embolism during awake craniotomy in a supine patient. <i>Canadian Journal of Anaesthesia</i> , 2003, 50, 835-838.	1.6	46
8	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.	2.5	44
9	Unanticipated Difficult Airway in Obstetric Patients. <i>Anesthesiology</i> , 2012, 117, 883-897.	2.5	43
10	Mode of anesthesia and clinical outcomes of patients undergoing Cesarean delivery for invasive placenta: a retrospective cohort study of 50 consecutive cases. <i>Canadian Journal of Anaesthesia</i> , 2016, 63, 1233-1244.	1.6	40
11	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.	1.6	39
12	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.	1.6	38
13	Carbetocin at elective Cesarean delivery: a randomized controlled trial to determine the effective dose. <i>Canadian Journal of Anaesthesia</i> , 2012, 59, 751-757.	1.6	38
14	Epidemiology of Cardiac Arrest During Hospitalization for Delivery in Canada: A Nationwide Study. <i>Anesthesia and Analgesia</i> , 2017, 124, 890-897.	2.2	36
15	Blood Transfusion for Primary Postpartum Hemorrhage: A Tertiary Care Hospital Review. <i>Journal of Obstetrics and Gynaecology Canada</i> , 2008, 30, 1002-1007.	0.7	35
16	Oxytocin Pretreatment of Pregnant Rat Myometrium Reduces the Efficacy of Oxytocin but Not of Ergonovine Maleate or Prostaglandin F <sub>2α</sub> . <i>Reproductive Sciences</i> , 2010, 17, 269-277.	2.5	32
17	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.	1.6	27
18	Teamwork Assessment Tools in Obstetric Emergencies. <i>Simulation in Healthcare</i> , 2017, 12, 165-176.	1.2	25

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19	Maternal cardiac arrest in a tertiary care centre during 1989-2011: a case series. Canadian Journal of Anaesthesia, 2013, 60, 1077-1084.	1.6	24
20	Carbetocin at Cesarean delivery for labour arrest: a sequential allocation trial to determine the effective dose. Canadian Journal of Anaesthesia, 2015, 62, 866-874.	1.6	24
21	Comparative efficacy of uterotonic agents: in vitro contractions in isolated myometrial strips of labouring and non-labouring women. Canadian Journal of Anaesthesia, 2014, 61, 808-818.	1.6	23
22	The Recovery Time of Myometrial Responsiveness After Oxytocin-Induced Desensitization in Human Myometrium In Vitro. Anesthesia and Analgesia, 2016, 122, 1508-1515.	2.2	23
23	Remifentanyl for labor analgesia: a comprehensive review. Journal of Anesthesia, 2016, 30, 1020-1030.	1.7	22
24	The Prophylactic Granisetron Does Not Prevent Postdelivery Nausea and Vomiting During Elective Cesarean Delivery Under Spinal Anesthesia. Anesthesia and Analgesia, 2007, 104, 679-683.	2.2	20
25	Oxytocin Protocols for Cesarean Delivery. International Anesthesiology Clinics, 2014, 52, 48-66.	0.8	20
26	Management of simulated maternal cardiac arrest by residents: didactic teaching versus electronic learning. Canadian Journal of Anaesthesia, 2012, 59, 852-860.	1.6	18
27	Effectiveness of using high-fidelity simulation to teach the management of general anesthesia for Cesarean delivery. Canadian Journal of Anaesthesia, 2014, 61, 922-934.	1.6	16
28	<i>In Vitro</i> Comparative Effect of Carbetocin and Oxytocin in Pregnant Human Myometrium with and without Oxytocin Pretreatment. Anesthesiology, 2016, 124, 378-386.	2.5	16
29	The Contractile Effects of Oxytocin, Ergonovine, and Carboprost and Their Combinations. Anesthesia and Analgesia, 2015, 120, 1074-1084.	2.2	15
30	The PETRA (Perinatal Emergency Team Response Assessment) Scale: A High-Fidelity Simulation Validation Study. Journal of Obstetrics and Gynaecology Canada, 2017, 39, 523-533.e12.	0.7	14
31	The association between the time from oxytocin cessation during labour to Cesarean delivery and postpartum blood loss: a retrospective cohort study. Canadian Journal of Anaesthesia, 2017, 64, 820-827.	1.6	12
32	The effect of morbid obesity or advanced maternal age on oxytocin-induced myometrial contractions: an in vitro study. Canadian Journal of Anaesthesia, 2020, 67, 836-846.	1.6	12
33	Contractile Efficacy of Various Prostaglandins in Pregnant Rat Myometrium Pretreated With Oxytocin. Reproductive Sciences, 2012, 19, 968-975.	2.5	11
34	The epidural electric stimulation test does not predict local anesthetic spread or consumption in labour epidural analgesia. Canadian Journal of Anaesthesia, 2013, 60, 393-398.	1.6	11
35	The Effect of Extracellular Calcium on Oxytocin-Induced Contractility in Naive and Oxytocin-Pretreated Human Myometrium In Vitro. Anesthesia and Analgesia, 2016, 122, 1498-1507.	2.2	11
36	Placenta Accreta Spectrum Disorders: Knowledge Gaps in Anesthesia Care. Anesthesia and Analgesia, 2022, 135, 191-197.	2.2	10

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37	The Effect of Intermittent Oxytocin Pretreatment on Oxytocin-Induced Contractility of Human Myometrium In Vitro. <i>Anesthesia and Analgesia</i> , 2019, 128, 671-678.	2.2	9
38	Remifentanil patient-controlled analgesia for labour: optimizing drug delivery regimens. <i>Canadian Journal of Anaesthesia</i> , 2007, 54, 626-33.	1.6	9
39	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.	1.6	8
40	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.	2.8	7
41	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.	1.6	7
42	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.	1.6	7
43	Response Patterns to the Electric Stimulation of Epidural Catheters in Pregnant Women. <i>Anesthesia and Analgesia</i> , 2016, 123, 950-954.	2.2	6
44	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.	0.7	6
45	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.	1.6	5
46	Anesthesia-related adverse events in obstetric patients: a population-based study in Canada. <i>Canadian Journal of Anaesthesia</i> , 2022, 69, 72-85.	1.6	5
47	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.	2.4	4
48	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.	1.6	4
49	Patient controlled analgesia with remifentanil for labor pain. <i>Canadian Journal of Anaesthesia</i> , 2006, 53, 26346-26346.	1.6	2
50	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.	2.2	2
51	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, , .	0.7	2
52	Lumbar dural sac width by ultrasound and sensory levels under spinal. <i>Canadian Journal of Anaesthesia</i> , 2006, 53, 26295-26295.	1.6	0
53	Immediate post-partum blood transfusion : a chart review. <i>Canadian Journal of Anaesthesia</i> , 2006, 53, 26344-26344.	1.6	0
54	Spine ultrasound for facilitating labor epidurals in obese parturients. <i>Canadian Journal of Anaesthesia</i> , 2008, 55, 4758761-4758762.	1.6	0

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55	Nitroglycerin use in obstetrical anesthesia: a multicentre survey of Canadian anesthesiologists. Canadian Journal of Anaesthesia, 2020, 67, 1092-1093.	1.6	0