

Ruth Landau

List of Publications by Year in descending order

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Version: 2024-02-01

101
papers

4,064
citations

147801

31
h-index

123424

61
g-index

117
all docs

117
docs citations

117
times ranked

4408
citing authors

#	ARTICLE	IF	CITATIONS
1	Coronavirus disease 2019 infection among asymptomatic and symptomatic pregnant women: two weeks of confirmed presentations to an affiliated pair of New York City hospitals. <i>American Journal of Obstetrics & Gynecology</i> MFM, 2020, 2, 100118.	2.6	616
2	Severity of acute pain after childbirth, but not type of delivery, predicts persistent pain and postpartum depression. <i>Pain</i> , 2008, 140, 87-94.	4.2	472
3	A118G Single Nucleotide Polymorphism of Human μ -Opioid Receptor Gene Influences Pain Perception and Patient-controlled Intravenous Morphine Consumption after Intrathecal Morphine for Postcesarean Analgesia. <i>Anesthesiology</i> , 2008, 109, 520-526.	2.5	267
4	Patterns of Opioid Prescription and Use After Cesarean Delivery. <i>Obstetrics and Gynecology</i> , 2017, 130, 29-35.	2.4	184
5	The Society for Obstetric Anesthesia and Perinatology Consensus Statement on the Anesthetic Management of Pregnant and Postpartum Women Receiving Thromboprophylaxis or Higher Dose Anticoagulants. <i>Anesthesia and Analgesia</i> , 2018, 126, 928-944.	2.2	162
6	Society for Obstetric Anesthesia and Perinatology: Consensus Statement and Recommendations for Enhanced Recovery After Cesarean. <i>Anesthesia and Analgesia</i> , 2021, 132, 1362-1377.	2.2	133
7	Genetic variability of the μ -opioid receptor influences intrathecal fentanyl analgesia requirements in laboring women. <i>Pain</i> , 2008, 139, 5-14.	4.2	131
8	Neuraxial anaesthesia and peripheral nerve blocks during the COVID-19 pandemic: a literature review and practice recommendations. <i>Anaesthesia</i> , 2020, 75, 1350-1363.	3.8	116
9	Resolution of Pain after Childbirth. <i>Anesthesiology</i> , 2013, 118, 143-151.	2.5	115
10	Reductions in commuting mobility correlate with geographic differences in SARS-CoV-2 prevalence in New York City. <i>Nature Communications</i> , 2020, 11, 4674.	12.8	105
11	Adverse Events and Factors Associated with Potentially Avoidable Use of General Anesthesia in Cesarean Deliveries. <i>Anesthesiology</i> , 2019, 130, 912-922.	2.5	100
12	Obstetric Anesthesia During the COVID-19 Pandemic. <i>Anesthesia and Analgesia</i> , 2020, 131, 7-15.	2.2	88
13	Major Neurologic Complications Associated With Postdural Puncture Headache in Obstetrics: A Retrospective Cohort Study. <i>Anesthesia and Analgesia</i> , 2019, 129, 1328-1336.	2.2	77
14	Chronic pain after childbirth. <i>International Journal of Obstetric Anesthesia</i> , 2013, 22, 133-145.	0.4	64
15	The Society for Obstetric Anesthesia and Perinatology Interdisciplinary Consensus Statement on Neuraxial Procedures in Obstetric Patients With Thrombocytopenia. <i>Anesthesia and Analgesia</i> , 2021, 132, 1531-1544.	2.2	64
16	β 2-Adrenergic receptor genotype and preterm delivery. <i>American Journal of Obstetrics and Gynecology</i> , 2002, 187, 1294-1298.	1.3	62
17	β 2-Adrenoceptor Genotype Affects Vasopressor Requirements during Spinal Anesthesia for Cesarean Delivery. <i>Anesthesiology</i> , 2006, 104, 644-650.	2.5	57
18	Genetic Variability of μ -Opioid Receptor in an Obstetric Population. <i>Anesthesiology</i> , 2004, 100, 1030-1033.	2.5	50

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19	Observational study of the effect of μ -opioid receptor genetic polymorphism on intrathecal opioid labor analgesia and post-cesarean delivery analgesia. <i>International Journal of Obstetric Anesthesia</i> , 2010, 19, 246-253.	0.4	49
20	No association of the Asp298 variant of the endothelial nitric oxide synthase gene with preeclampsia. <i>American Journal of Hypertension</i> , 2004, 17, 391-394.	2.0	48
21	Preoperative scar hyperalgesia is associated with postoperative pain in women undergoing a repeat Cesarean delivery. <i>European Journal of Pain</i> , 2013, 17, 111-123.	2.8	47
22	Risk Factors and Risk Stratification for Adverse Obstetrical Outcomes After Appendectomy or Cholecystectomy During Pregnancy. <i>JAMA Surgery</i> , 2017, 152, 436.	4.3	46
23	Neuraxial Anesthesia in Obstetric Patients Receiving Thromboprophylaxis With Unfractionated or Low-Molecular-Weight Heparin: A Systematic Review of Spinal Epidural Hematoma. <i>Anesthesia and Analgesia</i> , 2017, 125, 223-231.	2.2	42
24	Complications with 25-gauge and 27-gauge Whitacre needles during combined spinal-epidural analgesia in labor. <i>International Journal of Obstetric Anesthesia</i> , 2001, 10, 168-171.	0.4	36
25	Repeated simulation-based training for performing general anesthesia for emergency cesarean delivery: long-term retention and recurring mistakes. <i>International Journal of Obstetric Anesthesia</i> , 2014, 23, 341-347.	0.4	36
26	Temporal Trends in Anesthesia-related Adverse Events in Cesarean Deliveries, New York State, 2003-2012. <i>Anesthesiology</i> , 2015, 123, 1013-1023.	2.5	36
27	Patient-, Hospital-, and Neighborhood-Level Factors Associated with Severe Maternal Morbidity During Childbirth: A Cross-Sectional Study in New York State 2013-2014. <i>Maternal and Child Health Journal</i> , 2019, 23, 82-91.	1.5	36
28	The Society for Obstetric Anesthesia and Perinatology Coronavirus Disease 2019 Registry: An Analysis of Outcomes Among Pregnant Women Delivering During the Initial Severe Acute Respiratory Syndrome Coronavirus-2 Outbreak in the United States. <i>Anesthesia and Analgesia</i> , 2021, 133, 462-473.	2.2	36
29	The Effect of OPRM1 and COMT Genotypes on the Analgesic Response to Intravenous Fentanyl Labor Analgesia. <i>Anesthesia and Analgesia</i> , 2013, 116, 386-391.	2.2	35
30	The Current Role of General Anesthesia for Cesarean Delivery. <i>Current Anesthesiology Reports</i> , 2021, 11, 18-27.	2.0	34
31	Prenatal Exposure to General Anesthesia and Childhood Behavioral Deficit. <i>Anesthesia and Analgesia</i> , 2021, 133, 595-605.	2.2	34
32	The Effect of Maternal and Fetal β -Adrenoceptor and Nitric Oxide Synthase Genotype on Vasopressor Requirement and Fetal Acid-Base Status During Spinal Anesthesia for Cesarean Delivery. <i>Anesthesia and Analgesia</i> , 2011, 112, 1432-1437.	2.2	33
33	Effect of μ -opioid receptor A118G polymorphism on the ED50 of epidural sufentanil for labor analgesia. <i>International Journal of Obstetric Anesthesia</i> , 2012, 21, 40-44.	0.4	33
34	Post-cesarean delivery pain. Management of the opioid-dependent patient before, during and after cesarean delivery. <i>International Journal of Obstetric Anesthesia</i> , 2019, 39, 105-116.	0.4	32
35	Transversus abdominis plane catheters for post-cesarean delivery analgesia: a series of five cases. <i>International Journal of Obstetric Anesthesia</i> , 2012, 21, 176-180.	0.4	31
36	Arg16 homozygosity of the β -adrenergic receptor improves the outcome after β -agonist tocolysis for preterm labor. <i>Clinical Pharmacology and Therapeutics</i> , 2005, 78, 656-663.	4.7	29

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37	Lumbar neuraxial procedures in thrombocytopenic patients across populations: A systematic review and meta-analysis. <i>Journal of Clinical Anesthesia</i> , 2020, 61, 109666.	1.6	29
38	ABM Clinical Protocol #28, Peripartum Analgesia and Anesthesia for the Breastfeeding Mother. <i>Breastfeeding Medicine</i> , 2018, 13, 164-171.	1.7	27
39	Magnesium-induced vasodilation in the dorsal hand vein. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2004, 111, 446-451.	2.3	26
40	Lessons Learned From First COVID-19 Cases in the United States. <i>Anesthesia and Analgesia</i> , 2020, 131, e25-e26.	2.2	24
41	Continuous epidural infusion versus programmed intermittent epidural bolus for labor analgesia: optimal configuration of parameters to reduce physician-administered top-ups. <i>Current Medical Research and Opinion</i> , 2018, 34, 649-656.	1.9	23
42	Anesthesiologists' and Intensive Care Providers' Exposure to COVID-19 Infection in a New York City Academic Center: A Prospective Cohort Study Assessing Symptoms and COVID-19 Antibody Testing. <i>Anesthesia and Analgesia</i> , 2020, 131, 669-676.	2.2	23
43	Pharmacogenetics in obstetric anesthesia. <i>Current Opinion in Anaesthesiology</i> , 2010, 23, 323-329.	2.0	22
44	Disproportionate Decrease in $\hat{1}\pm$ - Compared With $\hat{1}^2$ -Adrenergic Sensitivity in the Dorsal Hand Vein in Pregnancy Favors Vasodilation. <i>Circulation</i> , 2002, 106, 1116-1120.	1.6	20
45	The 2014 New York State Medicaid Expansion and Severe Maternal Morbidity During Delivery Hospitalizations. <i>Anesthesia and Analgesia</i> , 2021, 133, 340-348.	2.2	20
46	Osteogenesis imperfecta: cesarean deliveries in identical twins. <i>International Journal of Obstetric Anesthesia</i> , 2015, 24, 64-68.	0.4	18
47	The Effect of $\hat{1}^2$ -Adrenoceptor Genotype on Phenylephrine Dose Administered During Spinal Anesthesia for Cesarean Delivery. <i>Anesthesia and Analgesia</i> , 2015, 120, 1309-1316.	2.2	17
48	The Effect of Labor Epidural Analgesia on Breastfeeding Outcomes: A Prospective Observational Cohort Study in a Mixed-Parity Cohort. <i>Anesthesia and Analgesia</i> , 2019, 129, 784-791.	2.2	16
49	Use of Labor Neuraxial Analgesia for Vaginal Delivery and Severe Maternal Morbidity. <i>JAMA Network Open</i> , 2022, 5, e220137.	5.9	16
50	Postpartum hemorrhage: Anesthesia management. <i>Seminars in Perinatology</i> , 2019, 43, 35-43.	2.5	15
51	Comparison of Carbon Dioxide Absorption Rates in Gynecologic Laparoscopy with a Valveless versus Standard Insufflation System: Randomized Controlled Trial. <i>Journal of Minimally Invasive Gynecology</i> , 2020, 27, 225-234.	0.6	13
52	Intrathecal 2-Chloroprocaine 3% Versus Hyperbaric Bupivacaine 0.75% for Cervical Cerclage: A Double-Blind Randomized Controlled Trial. <i>Anesthesia and Analgesia</i> , 2022, 134, 624-632.	2.2	12
53	Effect of a stepwise opioid-sparing analgesic protocol on in-hospital oxycodone use and discharge prescription after cesarean delivery. <i>Regional Anesthesia and Pain Medicine</i> , 2021, 46, 151-156.	2.3	11
54	Genetic Contributions to Labor Pain and Progress. <i>Clinics in Perinatology</i> , 2013, 40, 575-587.	2.1	10

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55	Pharmacogenetics in obstetric anesthesia. <i>Bailliere's Best Practice and Research in Clinical Anaesthesiology</i> , 2017, 31, 23-34.	4.0	9
56	Clinical and Demographic Risk Factors for COVID-19 during Delivery Hospitalizations in New York City. <i>American Journal of Perinatology</i> , 2021, 38, 857-868.	1.4	9
57	Utilization and Outcomes of Extracorporeal Membrane Oxygenation in Obstetric Patients in the United States, 1999â€”2014: A Retrospective Cross-Sectional Study. <i>Anesthesia and Analgesia</i> , 2022, 135, 268-276.	2.2	9
58	COVID-19 Pandemic and Obstetric Anaesthesia. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2020, 39, 327-328.	1.4	8
59	Introduction of an Analgesia Prescription Guideline Can Reduce Unused Opioids After Cardiac Surgery: A Before and After Cohort Study. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021, 35, 1704-1711.	1.3	8
60	Racial and Ethnic Disparities in the Management of Postdural Puncture Headache With Epidural Blood Patch for Obstetric Patients in New York State. <i>JAMA Network Open</i> , 2022, 5, e228520.	5.9	8
61	Pharmacogenetic influences in obstetric anaesthesia. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2010, 24, 277-287.	2.8	7
62	Strong ion and weak acid analysis in severe preeclampsia: potential clinical significance. <i>British Journal of Anaesthesia</i> , 2015, 115, 275-284.	3.4	7
63	Comparative efficacy of epidural clonidine versus epidural fentanyl for treating breakthrough pain during labor: a randomized double-blind clinical trial. <i>International Journal of Obstetric Anesthesia</i> , 2020, 42, 26-33.	0.4	7
64	What obstetricians should know about obstetric anesthesia during the COVID-19 pandemic. <i>Seminars in Perinatology</i> , 2020, 44, 151277.	2.5	7
65	Challenges in Interpreting Joined Allelic Combinations of OPRM1 and COMT Genes. <i>Anesthesia and Analgesia</i> , 2011, 113, 432.	2.2	6
66	Genotyping Without Phenotyping. <i>Anesthesia and Analgesia</i> , 2013, 116, 8-10.	2.2	6
67	The Death of a Prince: Chronicle of a Death Foretold. <i>Pain Practice</i> , 2016, 16, 788-790.	1.9	5
68	Risk-tailored prophylaxis for postoperative nausea and vomiting: still a messy issue. <i>British Journal of Anaesthesia</i> , 2018, 121, 1-4.	3.4	5
69	Pulmonary Hypertension During Pregnancy in New York State, 2003â€”2014. <i>Maternal and Child Health Journal</i> , 2019, 23, 277-284.	1.5	5
70	Observational study evaluating obstetric anesthesiologist residents'™ well-being, anxiety and stress in a North American academic program. <i>International Journal of Obstetric Anesthesia</i> , 2019, 38, 75-82.	0.4	5
71	Neuro-anesthesiology in pregnancy. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2020, 171, 193-204.	1.8	5
72	Opioid Use and Misuse in Pregnancy. <i>Clinics in Perinatology</i> , 2020, 47, 769-777.	2.1	5

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73	Association between opioid use after intrapartum cesarean delivery and repeat cesarean delivery: a retrospective cohort study. <i>International Journal of Obstetric Anesthesia</i> , 2020, 42, 120-122.	0.4	5
74	Temporal trends in the incidence of post-dural puncture headache following labor neuraxial analgesia in the United States, 2006 to 2015. <i>International Journal of Obstetric Anesthesia</i> , 2021, 45, 90-98.	0.4	5
75	Management of labor and delivery in a woman with Morquio syndrome. <i>International Journal of Obstetric Anesthesia</i> , 2015, 24, 383-387.	0.4	4
76	How low did we go? A case report of unexpected thrombocytopenia. <i>International Journal of Obstetric Anesthesia</i> , 2019, 38, 131-134.	0.4	4
77	Tailoring postoperative pain management with a procedure-specific approach: how to best apply this concept to caesarean deliveries. <i>Anaesthesia</i> , 2021, 76, 587-589.	3.8	4
78	Labor prior to cesarean delivery associated with higher post-discharge opioid consumption. <i>PLoS ONE</i> , 2021, 16, e0253990.	2.5	4
79	Are we finally tackling the issue of pain during cesarean section?. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2021, 40, 100938.	1.4	4
80	Alteration of circulating Placental Leucine Aminopeptidase (P-LAP) activity in preeclampsia. <i>Neuroendocrinology Letters</i> , 2010, 31, 63-6.	0.2	4
81	The time is now: addressing the need for training in maternal critical care medicine. <i>International Journal of Obstetric Anesthesia</i> , 2022, 50, 103544.	0.4	4
82	Anesthesia Considerations for Pregnant People With COVID-19 Infection. <i>Clinical Obstetrics and Gynecology</i> , 2022, 65, 179-188.	1.1	4
83	The Impact of Genetics and Other Factors on Intra- and Post-partum Pain. <i>Current Anesthesiology Reports</i> , 2013, 3, 264-274.	2.0	3
84	Deconstructing Current Postpartum Recovery Research—The Need to Contextualize Patient-Reported Outcome Measures. <i>JAMA Network Open</i> , 2021, 4, e2111689.	5.9	3
85	Development of a Multiple-Choice Test for Novice Anesthesia Residents to Evaluate Knowledge Related to Management of General Anesthesia for Urgent Cesarean Delivery. <i>The Journal of Education in Perioperative Medicine: JEPM</i> , 2018, 20, E621.	0.1	3
86	Criticality of Maternal Complications During Childbirths. <i>Journal of Patient Safety</i> , 2020, 16, e273-e277.	1.7	2
87	Building an obstetric intensive care unit during the COVID-19 pandemic at a tertiary hospital and selected maternal-fetal and delivery considerations. <i>Seminars in Perinatology</i> , 2020, 44, 151298.	2.5	2
88	Management of maternal COVID-19: considerations for anesthesiologists. <i>Current Opinion in Anaesthesiology</i> , 2021, 34, 246-253.	2.0	2
89	Comparing two simultaneous systematic reviews (a “meta meta-analysis”): Reconciling data on enhanced recovery after cesarean delivery research. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2021, 40, 100956.	1.4	2
90	In Response. <i>Anesthesia and Analgesia</i> , 2020, 131, e132-e133.	2.2	2

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91	What's new in obstetric anesthesia. <i>International Journal of Obstetric Anesthesia</i> , 2009, 18, 368-372.	0.4	1
92	Don't throw the baby out with the bathwater: spinal-epidural hematoma in the setting of obstetric thromboprophylaxis and neuraxial anesthesia. <i>International Journal of Obstetric Anesthesia</i> , 2019, 39, 7-11.	0.4	1
93	Oral Opioid Use during Vaginal Delivery Hospitalizations. <i>American Journal of Perinatology</i> , 2020, 37, 390-397.	1.4	1
94	Anesthetic management of the parturient with opioid addiction. <i>International Anesthesiology Clinics</i> , 2021, 59, 28-39.	0.8	1
95	A common polymorphism in the adenylyl cyclase type 9 (AC9) gene does not alter vascular responses to isoproterenol. <i>Clinical Pharmacology and Therapeutics</i> , 2004, 75, P70.	4.7	0
96	Neuraxial labor analgesia, obstetrical outcomes, and the Robson 10-Group Classification. <i>International Journal of Obstetric Anesthesia</i> , 2019, 37, 1-4.	0.4	0
97	Check the Blood Pressure!: An Educational Tool for Anesthesiology Trainees Converting Epidural Labor Analgesia to Cesarean Delivery Anesthesia. <i>A&A Practice</i> , 2020, 14, e01174.	0.4	0
98	Racial and ethnic disparities uncovered in the 2020 MBRRACE-UK report – Global implications and future agenda. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2021, 40, 100853.	1.4	0
99	In reply: Temporal trends in post-dural puncture headache. <i>International Journal of Obstetric Anesthesia</i> , 2021, 47, 103171.	0.4	0
100	Tailoring Postoperative Pain Management With a Procedure-specific Approach: How to Best Apply this Concept to Cesarean Deliveries. <i>Obstetric Anesthesia Digest</i> , 2022, 42, 50-51.	0.1	0
101	Are we ready to give a number to nociception?. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2022, 41, 101101.	1.4	0