Maged M Costantine

List of Publications by Year
in descending order

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Version: 2024-02-01

95 papers	2,898 citations	201674 27 h-index	182427 51 g-index
99 all docs	99 docs citations	99 times ranked	3324 citing authors

#	Article	IF	Citations
1	Physiologic and pharmacokinetic changes in pregnancy. Frontiers in Pharmacology, 2014, 5, 65.	3.5	316
2	Safety and pharmacokinetics of pravastatin used for the prevention of preeclampsia in high-risk pregnant women: a pilot randomized controlled trial. American Journal of Obstetrics and Gynecology, 2016, 214, 720.e1-720.e17.	1.3	202
3	Timing of perioperative antibiotics for cesarean delivery: a metaanalysis. American Journal of Obstetrics and Gynecology, 2008, 199, 301.e1-301.e6.	1.3	201
4	Pravastatin for the Prevention of Preeclampsia in High-Risk Pregnant Women. Obstetrics and Gynecology, 2013, 121, 349-353.	2.4	140
5	Using Pravastatin to Improve the Vascular Reactivity in a Mouse Model of Soluble Fms-Like Tyrosine Kinase-1â€“Induced Preeclampsia. Obstetrics and Gynecology, 2010, 116, 114-120.	2.4	113
6	A Trial of Hyperimmune Globulin to Prevent Congenital Cytomegalovirus Infection. New England Journal of Medicine, 2021, 385, 436-444.	27.0	83
7	Exclusion of Pregnant Women from Clinical Trials during the Coronavirus Disease 2019 Pandemic: A Review of International Registries. American Journal of Perinatology, 2020, 37, 792-799.	1.4	80
8	Epidemiology of medications use in pregnancy. Seminars in Perinatology, 2015, 39, 508-511.	2.5	79
9	High-fructose diet in pregnancy leads to fetal programming of hypertension, insulin resistance, and obesity in adultÂoffspring. American Journal of Obstetrics and Gynecology, 2016, 215, 378.e1-378.e6.	1.3	76
10	Validation of the Prediction Model for Success of Vaginal Birth After Cesarean Delivery. Obstetrics and Gynecology, 2009, 114, 1029-1033.	2.4	70
11	An update on the use of massive transfusion protocols inÂobstetrics. American Journal of Obstetrics and Gynecology, 2016, 214, 340-344.	1.3	68
12	Characteristics and perceptions associated with COVIDâ€19 vaccination hesitancy among pregnant and postpartum individuals: A crossâ€sectional study. BJOG: an International Journal of Obstetrics and Gynaecology, 2022, 129, 1342-1351.	2.3	62
13	Transplacental transfer and distribution of pravastatin. American Journal of Obstetrics and Gynecology, 2013, 209, 373.e1-373.e5.	1.3	59
14	Inclusion of pregnant and breastfeeding women in research â€“ efforts and initiatives. British Journal of Clinical Pharmacology, 2018, 84, 215-222.	2.4	48
15	A randomized pilot clinical trial of pravastatin versus placebo in pregnant patients at high risk of preeclampsia. American Journal of Obstetrics and Gynecology, 2021, 225, 666.e1-666.e15.	1.3	47
16	Protection by Exclusion. Obstetrics and Gynecology, 2020, 136, 26-28.	2.4	43
17	The role of statins in the prevention of preeclampsia. American Journal of Obstetrics and Gynecology, 2022, 226, S1171-S1181.	1.3	43
18	Prevention of preeclampsia. Seminars in Fetal and Neonatal Medicine, 2020, 25, 101123.	2.3	42

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19	Risk of Adverse Pregnancy Outcomes Among Pregnant Individuals With Gestational Diabetes by Race and Ethnicity in the United States, 2014-2020. JAMA - Journal of the American Medical Association, 2022, 327, 1356.	7.4	42
20	High risk human papillomavirus at entry to prenatal care andÂrisk of preeclampsia. American Journal of Obstetrics and Gynecology, 2014, 210, 138.e1-138.e5.	1.3	40
21	Tranexamic Acid for the Management of Obstetric Hemorrhage. Obstetrics and Gynecology, 2017, 130, 765-769.	2.4	40
22	Research Recommendations From the National Institutes of Health Workshop on Predicting, Preventing, and Treating Preeclampsia. Hypertension, 2019, 73, 757-766.	2.7	38
23	Does Information Available at Delivery Improve the Accuracy of Predicting Vaginal Birth after Cesarean? Validation of the Published Models in an Independent Patient Cohort. American Journal of Perinatology, 2011, 28, 293-298.	1.4	37
24	Novel Interventions for the Prevention of Preeclampsia. Current Hypertension Reports, 2020, 22, 17.	3.5	37
25	The effect of prenatal pravastatin treatment on altered fetal programming of postnatal growth and metabolic function in aÂpreeclampsia-like murine model. American Journal of Obstetrics and Gynecology, 2014, 210, 542.e1-542.e7.	1.3	32
26	The effect of maternal pravastatin therapy on adverse sensorimotor outcomes of the offspring in a murine model of preeclampsia. International Journal of Developmental Neuroscience, 2014, 33, 33-40.	1.6	31
27	Role of the efflux transporters BCRP and MRP1 in human placental bio-disposition of pravastatin. Biochemical Pharmacology, 2018, 156, 467-478.	4.4	31
28	Maternal Pravastatin Prevents Altered Fetal Brain Development in a Preeclamptic CD-1 Mouse Model. PLoS ONE, 2014, 9, e100873.	2.5	30
29	Antenatal Exposure to Magnesium Sulfate and Neuroprotection in Preterm Infants. Obstetrics and Gynecology Clinics of North America, 2011, 38, 351-366.	1.9	27
30	Challenges of studying drugs in pregnancy for off-label indications: Pravastatin for preeclampsia prevention. Seminars in Perinatology, 2014, 38, 523-527.	2.5	25
31	The First Cesarean: Role of â€œFetal Distressâ€•Diagnosis. Seminars in Perinatology, 2012, 36, 379-383.	2.5	24
32	Pravastatin Effects on Placental Prosurvival Molecular Pathways in a Mouse Model of Preeclampsia. Reproductive Sciences, 2016, 23, 1593-1599.	2.5	24
33	Maternal obesity is associated with chorioamnionitis and earlier indicated preterm delivery among expectantly managed women with preterm premature rupture of membranes. Journal of Maternal-Fetal and Neonatal Medicine, 2019, 32, 271-278.	1.5	24
34	Challenges in conducting clinical research studies in pregnant women. Journal of Pharmacokinetics and Pharmacodynamics, 2020, 47, 287-293.	1.8	23
35	Unintended consequences of the transition to telehealth for pregnancies complicated by opioid use disorder during the coronavirus disease 2019 pandemic. American Journal of Obstetrics and Gynecology, 2020, 223, 770-772.	1.3	21
36	Should We Add Pravastatin to Aspirin for Preeclampsia Prevention in High-risk Women?. Clinical Obstetrics and Gynecology, 2017, 60, 161-168.	1.1	20

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37	Association of Polymorphisms in Neuroprotection and Oxidative Stress Genes and Neurodevelopmental Outcomes After Preterm Birth. Obstetrics and Gynecology, 2012, 120, 542-550.	2.4	19
38	Blunt versus sharp uterine incision expansion during low transverse cesarean delivery: a metaanalysis. American Journal of Obstetrics and Gynecology, 2014, 211, 684.e1-684.e11.	1.3	19
39	The impact of exposure to antidepressant medications during pregnancy on neonatal outcomes: a review of retrospective database cohort studies. European Journal of Clinical Pharmacology, 2017, 73, 1055-1069.	1.9	19
40	Therapeutic Roles of Statins in Gynecology and Obstetrics: The Current Evidence. Reproductive Sciences, 2018, 25, 802-817.	2.5	17
41	Population versus Customized Fetal Growth Norms and Adverse Outcomes in an Intrapartum Cohort. American Journal of Perinatology, 2013, 30, 335-342.	1.4	16
42	The Effect of Simvastatin on Infectionâ€Induced Inflammatory Response of Human Fetal Membranes. American Journal of Reproductive Immunology, 2015, 74, 54-61.	1.2	16
43	Subcutaneous Buprenorphine Extended-Release Use Among Pregnant and Postpartum Women. Obstetrics and Gynecology, 2020, 136, 902-903.	2.4	14
44	Transgenerational effect of fetal programming on vascular phenotype and reactivity in endothelial nitric oxide synthase knockout mouse model. American Journal of Obstetrics and Gynecology, 2008, 199, 250.e1-250.e7.	1.3	13
45	Passive Leg Raising during Pregnancy. American Journal of Perinatology, 2015, 32, 393-398.	1.4	13
46	Operating Room Guide for Confirmed or Suspected COVID-19 Pregnant Patients Requiring Cesarean Delivery. American Journal of Perinatology, 2020, 37, 825-828.	1.4	12
47	Effect of Thyroxine Therapy on Depressive Symptoms Among Women With Subclinical Hypothyroidism. Obstetrics and Gynecology, 2020, 135, 812-820.	2.4	12
48	Effects of medication intake in early pregnancy on the fetal fraction of cellâ€free DNA testing. Prenatal Diagnosis, 2019, 39, 361-368.	2.3	11
49	Multimodal Pain Management for Cesarean Delivery: A Double-Blinded, Placebo-Controlled, Randomized Clinical Trial. American Journal of Perinatology, 2019, 36, 1097-1105.	1.4	11
50	Association of change in haemoglobin A1c with adverse perinatal outcomes in women with pregestational diabetes. Diabetic Medicine, 2022, 39, e14822.	2.3	11
51	The early developments of preeclampsia drugs. Expert Opinion on Investigational Drugs, 2016, 25, 867-870.	4.1	10
52	Fetal programming of blood pressure in a transgenic mouse model of altered intrauterine environment. Journal of Physiology, 2016, 594, 7015-7025.	2.9	9
53	Quantitative determination of pravastatin and its metabolite 3Î±â€hydroxy pravastatin in plasma and urine of pregnant patients by LCâ€MS/MS. Biomedical Chromatography, 2016, 30, 548-554.	1.7	9
54	Is There a Causal Relation between Maternal Acetaminophen Administration and ADHD?. PLoS ONE, 2016, 11, e0157380.	2.5	9

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55	Oxygen saturation in pregnant individuals with COVID-19: time for re-appraisal?. American Journal of Obstetrics and Gynecology, 2022, 226, 813-816.	1.3	9
56	Effect of intrauterine fetal programming on response to postnatal shaker stress in endothelial nitric oxide knockout mouse model. American Journal of Obstetrics and Gynecology, 2009, 201, 301.e1-301.e6.	1.3	8
57	Postoperative complications after non-obstetric surgery among pregnant patients in the National Surgical Quality Improvement Program, 2005â€“2012. American Journal of Surgery, 2022, 223, 364-369.	1.8	8
58	Early versus Late Feeding after Cesarean Delivery: A Randomized Controlled Trial. American Journal of Perinatology, 2016, 33, 415-419.	1.4	7
59	The Effect of Wearing White Coats on Patients' Appreciation of Physician Communication during Postpartum Rounds: A Randomized Controlled Trial. American Journal of Perinatology, 2019, 36, 062-066.	1.4	7
60	Reference intervals for hemoglobin and hematocrit in a low-risk pregnancy cohort: implications of racial differences. Journal of Maternal-Fetal and Neonatal Medicine, 2019, 32, 2897-2904.	1.5	7
61	Perinatal Outcomes after Short versus Prolonged Indomethacin for Tocolysis in Women with Preterm Labor. American Journal of Perinatology, 2016, 33, 844-848.	1.4	6
62	Exposure and seroconversion to severe acute respiratory syndrome coronavirus 2 among obstetrical healthcare providers following a contained outbreak. American Journal of Obstetrics and Gynecology, 2020, 223, 601-603.e2.	1.3	6
63	High frequency of posttraumatic stress symptoms among US obstetrical and gynecologic providers during the coronavirus disease 2019 pandemic. American Journal of Obstetrics and Gynecology, 2021, 224, 410-413.	1.3	6
64	Buprenorphine X-waiver exemption â€“ beyond the basics for the obstetrical provider. American Journal of Obstetrics & Gynecology MFM, 2021, 3, 100451.	2.6	6
65	Determinants of Adherence to Delayed-Release Doxylamine and Pyridoxine in Patients With Nausea and Vomiting of Pregnancy. Therapeutic Drug Monitoring, 2012, 34, 569-573.	2.0	5
66	Effect of CYP2C9 Polymorphisms on the Pharmacokinetics of Indomethacin During Pregnancy. European Journal of Drug Metabolism and Pharmacokinetics, 2019, 44, 83-89.	1.6	5
67	Decline in Sarsâ€CoVâ€2 antibodies over 6â€month followâ€up in obstetrical healthcare workers. American Journal of Reproductive Immunology, 2021, 86, e13490.	1.2	5
68	Gestational Weight Gain and Adverse Maternal and Neonatal Outcomes for Pregnancies Complicated by Pregestational and Gestational Diabetes. American Journal of Perinatology, 2022, 39, 691-698.	1.4	5
69	Differences in Hemoglobin A1c during Pregnancy between Non-Hispanic Black versus White Women with Prepregnancy Diabetes. American Journal of Perinatology, 2022, 39, 1279-1287.	1.4	5
70	Association of Prepregnancy Body Mass Index With Risk of Severe Maternal Morbidity and Mortality Among Medicaid Beneficiaries. JAMA Network Open, 2022, 5, e2218986.	5.9	5
71	Association between Hypertensive Disorders of Pregnancy and Long-Term Neurodevelopmental Outcomes in the Offspring. American Journal of Perinatology, 2022, 39, 0921-0929.	1.4	4
72	â€œThe More the Betterâ€•Paradox of Antenatal Ultrasound Examinations in Low-Risk Pregnancy. American Journal of Perinatology, 2016, 33, 646-657.	1.4	3

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73	Effect of Low-Dose Aspirin on the Time of Onset of Preeclampsia and Time of Delivery. American Journal of Perinatology, 2017, 34, 1219-1226.	1.4	3
74	Sex-Specific Genetic Susceptibility to Adverse Neurodevelopmental Outcome in Offspring of Pregnancies at Risk of Early Preterm Delivery. American Journal of Perinatology, 2020, 37, 281-290.	1.4	3
75	Cervical length distribution and other sonographic ancillary findings of singleton nulliparous patients at midgestation. American Journal of Obstetrics and Gynecology, 2021, 225, 181.e1-181.e11.	1.3	3
76	Amniotic Sac Herniation Through a Prior Cornual Scar in The Third Trimester. AJP Reports, 2015, 05, e132-e135.	0.7	2
77	Maternal Fructose Consumption Disrupts Brain Development of Offspring in a Murine Model of Autism Spectrum Disorder. American Journal of Perinatology, 2016, 33, 1357-1364.	1.4	2
78	Reply: Timing of pravastatin initiation for preeclampsia prevention. American Journal of Obstetrics and Gynecology, 2022, 226, 454.	1.3	2
79	Peripheral and uterine blood viscoelastic testing parameters during postpartum hemorrhage. Journal of Perinatal Medicine, 2022, 50, 110-112.	1.4	2
80	Reply. American Journal of Obstetrics and Gynecology, 2014, 211, 572-573.	1.3	1
81	The Effect of Distraction during Labor Induction on Timing of Analgesia Request: A Randomized Clinical Trial. American Journal of Perinatology, 2019, 36, 1351-1356.	1.4	1
82	Perinatal perfusion editorial. Seminars in Fetal and Neonatal Medicine, 2020, 25, 101157.	2.3	1
83	Authorâ€™s reply re: Pravastatin to ameliorate early onset preâ€eclampsia: promising but not there yet. BJOG: an International Journal of Obstetrics and Gynaecology, 2020, 127, 775-776.	2.3	1
84	Maternal and Neonatal Outcomes in Nulliparous Participants Undergoing Labor Induction by Cervical Ripening Method. American Journal of Perinatology, 2021, , .	1.4	1
85	Letter by Costantine et al Regarding Article, â€œPravastatin Versus Placebo in Pregnancies at High Risk of Term Preeclampsiaâ€. Circulation, 2022, 145, e115-e116.	1.6	1
86	In Reply. Obstetrics and Gynecology, 2017, 130, 1386-1387.	2.4	0
87	Editorial: Prenatal Beginnings for Better Health. Frontiers in Pharmacology, 2018, 9, 457.	3.5	0
88	Response to Letter. Obstetrics and Gynecology, 2020, 136, 431-431.	2.4	0
89	Oral Glucose Tolerance Test in Pregnancy and Subsequent Maternal Hypertension. American Journal of Perinatology, 2021, , .	1.4	0
90	Indicated Opioids in Pregnancy: Guidance on Providing Comprehensive Care. American Journal of Perinatology, 2021, , .	1.4	0

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91	Considerations in pregnant individuals with low baseline oxygen saturation: a response. American Journal of Obstetrics and Gynecology, 2022, 227, 126.	1.3	0
92	Viscoelastic Testing in An Obstetric Population at High-Risk of Hemorrhage. American Journal of Perinatology, 2022, 0, .	1.4	0
93	Association of Body Mass Index With the Use of Health Care Resources in Low-Risk Nulliparous Pregnancies After 39 Weeks of Gestation. Obstetrics and Gynecology, 2022, 139, 866-876.	2.4	0
94	Performance of a Multianalyte â€˜Rule-Outâ€™ Assay in Pregnant Individuals With Suspected Preeclampsia. Hypertension, 2022, 79, 1515-1524.	2.7	0
95	Differential Gene Expression in Cord Blood of Infants Diagnosed with Cerebral Palsy: A Pilot Analysis of the Beneficial Effects of Antenatal Magnesium Cohort. Developmental Neuroscience, 2022, 44, 412-425.	2.0	0