

# Joseph R Biggio

## List of Publications by Year in descending order

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133  
papers

3,792  
citations

196777

29  
h-index

156644

58  
g-index

136  
all docs

136  
docs citations

136  
times ranked

5760  
citing authors

#	ARTICLE	IF	CITATIONS
1	Postpartum glucose intolerance following early gestational diabetes mellitus. American Journal of Obstetrics & Gynecology MFM, 2022, 4, 100609.	1.3	4
2	Society for Maternal-Fetal Medicine Consult Series #57: Evaluation and management of isolated soft ultrasound markers for aneuploidy in the second trimester. American Journal of Obstetrics and Gynecology, 2021, 225, B2-B15.	0.7	32
3	Midtrimester microbial DNA variations in maternal serum of women who experience spontaneous preterm birth. Journal of Maternal-Fetal and Neonatal Medicine, 2020, 33, 359-367.	0.7	5
4	Effect of Treatment of Mild Gestational Diabetes on Long-Term Maternal Outcomes. American Journal of Perinatology, 2020, 37, 475-482.	0.6	21
5	Early gestational diabetes screening in obese women: a randomized controlled trial. American Journal of Obstetrics and Gynecology, 2020, 222, 495.e1-495.e8.	0.7	62
6	Cervicovaginal fluid proteomic analysis to identify potential biomarkers for preterm birth. American Journal of Obstetrics and Gynecology, 2020, 222, 493.e1-493.e13.	0.7	18
7	Society for Maternal-Fetal Medicine Consult Series #50: The role of activity restriction in obstetric management. American Journal of Obstetrics and Gynecology, 2020, 223, B2-B10.	0.7	22
8	Society for Maternal-Fetal Medicine Consult Series #52: Diagnosis and management of fetal growth restriction. American Journal of Obstetrics and Gynecology, 2020, 223, B2-B17.	0.7	241
9	Pregnancy Outcomes of Exacerbated Chronic Hypertension Compared with Superimposed Preeclampsia. American Journal of Perinatology, 2019, 36, 872-878.	0.6	5
10	Reasons for Late-Night Eating and Willingness to Change: A Qualitative Study in Pregnant Black Women. Journal of Nutrition Education and Behavior, 2019, 51, 598-607.	0.3	7
11	Incidence and Risk Factors for Postpartum Severe Hypertension in Women with Underlying Chronic Hypertension. American Journal of Perinatology, 2019, 36, 737-741.	0.6	5
12	Neonatal Outcomes Based on Duration of Exposure to Antenatal Corticosteroids in Indicated Preterm Deliveries. American Journal of Perinatology, 2019, 36, 039-044.	0.6	2
13	Sensitivity of prenatal ultrasound for detection of trisomy 18. Journal of Maternal-Fetal and Neonatal Medicine, 2019, 32, 3716-3722.	0.7	6
14	PROLONG Clinical Study Protocol: Hydroxyprogesterone Caproate to Reduce Recurrent Preterm Birth. American Journal of Perinatology, 2018, 35, 1228-1234.	0.6	10
15	Acceptability of and Adherence to an Antiretroviral-Based Vaginal Microbicide among Pregnant Women in the United States. AIDS and Behavior, 2018, 22, 402-411.	1.4	9
16	Noninvasive blood tests for fetal development predict gestational age and preterm delivery. Science, 2018, 360, 1133-1136.	6.0	198
17	The role of ultrasound in women who undergo cell-free DNA screening. American Journal of Obstetrics and Gynecology, 2017, 216, B2-B7.	0.7	73
18	Predictors of vaginal delivery in medically indicated early preterm induction of labor. American Journal of Obstetrics and Gynecology, 2017, 217, 375.e1-375.e7.	0.7	17

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19	The effect of omega-3 supplementation on pregnancy outcomes by smoking status. American Journal of Obstetrics and Gynecology, 2017, 217, 476.e1-476.e6.	0.7	17
20	Obesity and Neonatal Cord Blood Gas Results at Cesarean: Effect of Intraoperative Blood Pressure. American Journal of Perinatology, 2017, 34, 716-721.	0.6	8
21	Replication and refinement of a vaginal microbial signature of preterm birth in two racially distinct cohorts of US women. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 9966-9971.	3.3	297
22	Evaluation of Institute of Medicine Guidelines for Gestational Weight Gain in Women with Chronic Hypertension. AJP Reports, 2017, 07, e145-e150.	0.4	8
23	Mode of delivery in nulliparous women with gestational hypertension undergoing early term induction of labor. Journal of Maternal-Fetal and Neonatal Medicine, 2017, 30, 2291-2296.	0.7	2
24	Impact of Interval between Screening and Diagnosis of Gestational Diabetes on Pregnancy Outcomes. American Journal of Perinatology, 2017, 34, 557-562.	0.6	1
25	Class III Obese Women's Preferences and Concerns for Cesarean Skin Incision: A Multicenter Survey. American Journal of Perinatology, 2017, 34, 289-294.	0.6	4
26	Ureaplasma infection-mediated release of matrix metalloproteinase-9 and PGP: a novel mechanism of preterm rupture of membranes and chorioamnionitis. Pediatric Research, 2017, 81, 75-79.	1.1	21
27	Onset of human preterm and term birth is related to unique inflammatory transcriptome profiles at the maternal fetal interface. PeerJ, 2017, 5, e3685.	0.9	62
28	A randomized safety and pharmacokinetic trial of daily tenofovir 1% gel in term and near-term pregnancy. Journal of the International AIDS Society, 2016, 19, 20990.	1.2	5
29	Pregnancy-Associated Hypertension in Glucose-Intolerant Pregnancy and Subsequent Metabolic Syndrome. Obstetrics and Gynecology, 2016, 127, 771-779.	1.2	16
30	Trisomy 18: A survey of opinions, attitudes, and practices of neonatologists. American Journal of Medical Genetics, Part A, 2016, 170, 2638-2643.	0.7	14
31	Relatively Low $\beta$ -Cell Responsiveness Contributes to the Association of BMI with Circulating Glucose Concentrations Measured under Free-Living Conditions among Pregnant African American Women. Journal of Nutrition, 2016, 146, 994-1000.	1.3	4
32	Nulliparous Women in the Second Stage of Labor: Changes in Delivery Outcomes Between 2 Cohorts From 2000 to 2011. Obstetric Anesthesia Digest, 2016, 36, 98-98.	0.0	0
33	Trisomy 18: A single-center evaluation of management trends and experience with aggressive obstetric or neonatal intervention. American Journal of Medical Genetics, Part A, 2016, 170, 838-846.	0.7	27
34	Prenatal screening for fetal aneuploidy: time to examine where we are and where we are going. American Journal of Obstetrics and Gynecology, 2016, 214, 673-675.	0.7	2
35	Examining the Starting Dose of Glyburide in Gestational Diabetes. American Journal of Perinatology, 2016, 33, 214-220.	0.6	3
36	Gestational Age of Delivery in Pregnancies Complicated by Chronic Hypertension. Obstetrics and Gynecology, 2016, 127, 1101-1109.	1.2	17

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37	469: Postpartum severe hypertension in women with chronic hypertension. American Journal of Obstetrics and Gynecology, 2016, 214, S257-S258.	0.7	0
38	Pregnancy Outcomes in Women with 1-Hour Glucose Challenge Test $\geq 200$ mg/dL. American Journal of Perinatology, 2016, 33, 490-494.	0.6	6
39	Impact of Gestational Weight Gain on Perinatal Outcomes in Obese Women. American Journal of Perinatology, 2016, 33, 849-855.	0.6	29
40	The Performance of First-Trimester Anatomy Scan: A Decision Analysis. American Journal of Perinatology, 2016, 33, 957-965.	0.6	18
41	Detectable Tenofovir Levels in Breast-Feeding Infants of Mothers Exposed to Topical Tenofovir. Antimicrobial Agents and Chemotherapy, 2016, 60, 5616-5619.	1.4	7
42	Midtrimester Cervicovaginal Microbiota: Identification of Microbial Variations Associated with Puerperal Infection at Term. American Journal of Perinatology, 2016, 33, 1165-1175.	0.6	8
43	Prenatal Carrier Screening for Spinal Muscular Atrophy. American Journal of Perinatology, 2016, 33, 1211-1217.	0.6	3
44	Baseline Renal Function Tests and Adverse Outcomes in Pregnant Patients With Chronic Hypertension. Obstetrics and Gynecology, 2016, 128, 93-103.	1.2	7
45	Wound morbidity with staples compared with suture for cesarean skin closure by diabetic status. Journal of Maternal-Fetal and Neonatal Medicine, 2016, 29, 279-282.	0.7	5
46	Vaginal Microbiota in Pregnancy: Evaluation Based on Vaginal Flora, Birth Outcome, and Race. American Journal of Perinatology, 2016, 33, 401-408.	0.6	34
47	133: Timing of delivery in pregnancies complicated by diabetes. American Journal of Obstetrics and Gynecology, 2016, 214, S90.	0.7	0
48	Predictors of response to 17-alpha hydroxyprogesterone caproate for prevention of recurrent spontaneous preterm birth. American Journal of Obstetrics and Gynecology, 2016, 214, 376.e1-376.e8.	0.7	29
49	189: Midtrimester cervicovaginal microbiota: identification of a potential biomarker for puerperal infection at term. American Journal of Obstetrics and Gynecology, 2016, 214, S117.	0.7	0
50	791: Effect of 2nd and 3rd trimester blood pressure control in gravidas with chronic hypertension. American Journal of Obstetrics and Gynecology, 2016, 214, S413.	0.7	0
51	Management of Short Cervix during Pregnancy: A Review. American Journal of Perinatology, 2016, 33, 245-252.	0.6	8
52	Impact of Early Screening for Gestational Diabetes on Perinatal Outcomes in High-Risk Women. American Journal of Perinatology, 2016, 33, 758-764.	0.6	28
53	Severe placental abruption: clinical definition and associations with maternal complications. American Journal of Obstetrics and Gynecology, 2016, 214, 272.e1-272.e9.	0.7	86
54	Association of late-night carbohydrate intake with glucose tolerance among pregnant African American women. Maternal and Child Nutrition, 2016, 12, 688-698.	1.4	19

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55	Assessing White's Classification of Pregestational Diabetes in a Contemporary Diabetic Population. <i>Obstetrics and Gynecology</i> , 2015, 125, 1217-1223.	1.2	31
56	Nulliparous Women in the Second Stage of Labor. <i>Obstetrics and Gynecology</i> , 2015, 126, 81-86.	1.2	6
57	A Genome-Wide Association Study of Early Spontaneous Preterm Delivery. <i>Genetic Epidemiology</i> , 2015, 39, 217-226.	0.6	51
58	Spontaneous Preterm Birth in Multiples. <i>Clinical Obstetrics and Gynecology</i> , 2015, 58, 654-667.	0.6	16
59	Perinatal pharmacokinetics of azithromycin for cesarean prophylaxis. <i>American Journal of Obstetrics and Gynecology</i> , 2015, 212, 812.e1-812.e6.	0.7	43
60	Is low-dose aspirin therapy to prevent preeclampsia more efficacious in non-obese women or when initiated early in pregnancy?. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2015, 28, 1128-1132.	0.7	8
61	Cluster analysis of spontaneous preterm birth phenotypes identifies potential associations among preterm birth mechanisms. <i>American Journal of Obstetrics and Gynecology</i> , 2015, 213, 429.e1-429.e9.	0.7	38
62	Evaluating gestational weight gain recommendations in pregestational diabetes. <i>American Journal of Obstetrics and Gynecology</i> , 2015, 213, 563.e1-563.e5.	0.7	21
63	The Institute of Medicine Guidelines for Gestational Weight Gain after a Diagnosis of Gestational Diabetes and Pregnancy Outcomes. <i>American Journal of Perinatology</i> , 2015, 32, 239-246.	0.6	44
64	Low-Dose Aspirin, Smoking Status, and the Risk of Spontaneous Preterm Birth. <i>American Journal of Perinatology</i> , 2015, 32, 445-450.	0.6	4
65	The phenotype of spontaneous preterm birth: application of a clinical phenotyping tool. <i>American Journal of Obstetrics and Gynecology</i> , 2015, 212, 487.e1-487.e11.	0.7	102
66	Mild Gestational Diabetes Mellitus and Long-Term Child Health. <i>Diabetes Care</i> , 2015, 38, 445-452.	4.3	200
67	Quantitative Polymerase Chain Reaction to Assess Response to Treatment of Bacterial Vaginosis and Risk of Preterm Birth. <i>American Journal of Perinatology</i> , 2015, 32, 1119-1125.	0.6	4
68	258: Nulliparous women in the second stage of labor: changes in mode of delivery over the past 10 years. <i>American Journal of Obstetrics and Gynecology</i> , 2015, 212, S141-S142.	0.7	1
69	814: Nulliparous women in the second stage of labor: changes in neonatal outcomes over the past 10 years stratified by mode of delivery. <i>American Journal of Obstetrics and Gynecology</i> , 2015, 212, S392.	0.7	0
70	Epidural Use and Clinical Chorioamnionitis among Women Who Delivered Vaginally. <i>American Journal of Perinatology</i> , 2014, 31, 1009-1014.	0.6	11
71	Higher-Dose Oxytocin to Prevent Obstetric Hemorrhage at Vaginal Delivery—Does Duration of Infusion Matter?. <i>American Journal of Perinatology</i> , 2014, 31, 1003-1008.	0.6	6
72	Is Midtrimester Vitamin D Status Associated with Spontaneous Preterm Birth and Preeclampsia?. <i>American Journal of Perinatology</i> , 2014, 31, 541-546.	0.6	42

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73	Impact of Sickle Hemoglobinopathies on Pregnancy-Related Venous Thromboembolism. American Journal of Perinatology, 2014, 31, 805-810.	0.6	21
74	Predicting Fetal Acidemia Using Umbilical Venous Cord Gas Parameters. Obstetrics and Gynecology, 2014, 124, 926-932.	1.2	31
75	Risk factors for wound disruption following cesarean delivery. Journal of Maternal-Fetal and Neonatal Medicine, 2014, 27, 1237-1240.	0.7	14
76	Risk of Adverse Pregnancy Outcomes in Women With Mild Chronic Hypertension Before 20 Weeks of Gestation. Obstetrics and Gynecology, 2014, 123, 966-972.	1.2	54
77	Cervical Pessary Use and Preterm Birth. Clinical Obstetrics and Gynecology, 2014, 57, 607-615.	0.6	10
78	Inflammatory and Tissue Remodeling Urinary Biomarkers before and after Mid Urethral Sling Surgery for Stress Urinary Incontinence. Journal of Urology, 2014, 191, 703-709.	0.2	16
79	108: Clinical utility of serial ultrasound in obese women. American Journal of Obstetrics and Gynecology, 2014, 210, S68.	0.7	0
80	303: Does race affect glycemic control in gestational diabetes?. American Journal of Obstetrics and Gynecology, 2014, 210, S158.	0.7	0
81	449: Timing of delivery in gastroschisis: a decision and cost effectiveness analysis. American Journal of Obstetrics and Gynecology, 2014, 210, S226.	0.7	0
82	381: Examining the starting dose of glyburide in gestational diabetes. American Journal of Obstetrics and Gynecology, 2014, 210, S192-S193.	0.7	0
83	Maternal serum serpin B7 is associated with early spontaneous preterm birth. American Journal of Obstetrics and Gynecology, 2014, 211, 678.e1-678.e12.	0.7	21
84	294: Glyburide is associated with neonatal hypoglycemia in a dose-dependent fashion. American Journal of Obstetrics and Gynecology, 2014, 210, S154.	0.7	0
85	293: Gestational weight gain after the diagnosis of gestational diabetes: association with adverse outcomes. American Journal of Obstetrics and Gynecology, 2014, 210, S153.	0.7	0
86	The utility of ultrasound surveillance of fluid and growth in obese women. American Journal of Obstetrics and Gynecology, 2014, 211, 524.e1-524.e8.	0.7	21
87	366: Is glyburide use a risk factor for neonatal hyperbilirubinemia?. American Journal of Obstetrics and Gynecology, 2014, 210, S186-S187.	0.7	0
88	603: The relationship between gestational weight gain and cervical length. American Journal of Obstetrics and Gynecology, 2014, 210, S296-S297.	0.7	0
89	Prenatal Screening for Neural Tube Defects and Aneuploidy. , 2013, , 1-23.		0
90	Risk factors for uterine atony/postpartum hemorrhage requiring treatment after vaginal delivery. American Journal of Obstetrics and Gynecology, 2013, 209, 51.e1-51.e6.	0.7	163

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91	Effect of corticosteroid interval on markers of inflammation in spontaneous preterm birth. American Journal of Obstetrics and Gynecology, 2013, 209, 379.e1-379.e6.	0.7	2
92	801: Diabetic status modifies the association of wound morbidity with staples as compared with subcuticular suture for cesarean skin closure. American Journal of Obstetrics and Gynecology, 2013, 208, S336.	0.7	0
93	513: Fetal fibronectin and latency period in women with arrested preterm labor. American Journal of Obstetrics and Gynecology, 2013, 208, S221.	0.7	1
94	Surgical Staples Compared With Subcuticular Suture for Skin Closure After Cesarean Delivery. Obstetrics and Gynecology, 2013, 121, 33-38.	1.2	77
95	Selective uptake of influenza vaccine and pregnancy outcomes. Journal of Maternal-Fetal and Neonatal Medicine, 2013, 26, 1207-1211.	0.7	18
96	Bed Rest in Pregnancy. Obstetrics and Gynecology, 2013, 121, 1158-1160.	1.2	17
97	Effects of multidisciplinary prenatal care and delivery mode on gastroschisis outcomes. Journal of Pediatric Surgery, 2011, 46, 86-89.	0.8	27
98	Cervical conization and the risk of preterm delivery. American Journal of Obstetrics and Gynecology, 2011, 205, 19-27.	0.7	105
99	Early severe hypoalbuminemia is an independent risk factor for intestinal failure in gastroschisis. Pediatric Surgery International, 2011, 27, 1155-1158.	0.6	9
100	Use of ethnic-specific medians for Hispanic patients reduces ethnic disparities in multiple marker screening. Prenatal Diagnosis, 2011, 31, 331-333.	1.1	6
101	Fetal Tumors. , 2011, , 381-403.e5.		0
102	Fetal Anomalies in Obese Women. Obstetrics and Gynecology, 2010, 115, 290-296.	1.2	37
103	Medication effects on midtrimester maternal serum screening. American Journal of Obstetrics and Gynecology, 2009, 201, 622.e1-622.e5.	0.7	5
104	Ten Putative Contributors to the Obesity Epidemic. Critical Reviews in Food Science and Nutrition, 2009, 49, 868-913.	5.4	576
105	Constitutional H19 hypermethylation in a patient with isolated cardiac tumor. American Journal of Medical Genetics, Part A, 2008, 146A, 2126-2129.	0.7	7
106	A call for an international consortium on the genetics of preterm birth. American Journal of Obstetrics and Gynecology, 2008, 199, 95-97.	0.7	13
107	149: Cytokine gene polymorphisms, bacterial vaginosis, and susceptibility to spontaneous preterm birth. American Journal of Obstetrics and Gynecology, 2008, 199, S54.	0.7	0
108	416: Impact of sickle hemoglobinopathies on pregnancy-related venous thromboembolism. American Journal of Obstetrics and Gynecology, 2008, 199, S125.	0.7	1

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109	557: Use of ethnic-specific medians for hispanic patients reduces ethnic disparities in multiple marker screening. American Journal of Obstetrics and Gynecology, 2008, 199, S163.	0.7	0
110	627: Cytokine SNPS and their relationship to the development of peripartum cardiomyopathy. American Journal of Obstetrics and Gynecology, 2008, 199, S180.	0.7	0
111	713: Predictors of umbilical artery cord gas variation in very preterm births. American Journal of Obstetrics and Gynecology, 2008, 199, S204.	0.7	0
112	Perinatal and Maternal Outcomes in Women With Sickle or Hemoglobin C Trait. Obstetrics and Gynecology, 2007, 110, 1113-1119.	1.2	24
113	Fetal loss and sickle cell trait: a valid association. American Journal of Obstetrics and Gynecology, 2007, 196, e18.	0.7	2
114	35: Medication effects on maternal serum screening. American Journal of Obstetrics and Gynecology, 2007, 197, S16.	0.7	0
115	676: Determinants of alloimmunization to different red cell antigens. American Journal of Obstetrics and Gynecology, 2007, 197, S194.	0.7	0
116	Fetal and maternal outcomes in AS and AC hemoglobinopathies. American Journal of Obstetrics and Gynecology, 2006, 195, S82.	0.7	0
117	Diabetes, not obesity, increases fetal anomaly rates. American Journal of Obstetrics and Gynecology, 2006, 195, S214.	0.7	0
118	First trimester ultrasound screening for fetal aneuploidy and middle cerebral artery Doppler assessment for fetal alloimmunization. Current Opinion in Pediatrics, 2005, 17, 713-719.	1.0	2
119	Midtrimester amniotic fluid matrix metalloproteinase-8 (MMP-8) levels above the 90th percentile are a marker for subsequent preterm premature rupture of membranes. American Journal of Obstetrics and Gynecology, 2005, 192, 109-113.	0.7	49
120	High-dose vaginal misoprostol versus concentrated oxytocin plus low-dose vaginal misoprostol for midtrimester labor induction: A randomized trial. American Journal of Obstetrics and Gynecology, 2005, 193, 1065-1070.	0.7	27
121	Treatment of monogenic disorders. , 2005, , .		0
122	Carnitine palmitoyltransferase deficiency in pregnancy. Journal of Maternal-Fetal and Neonatal Medicine, 2005, 18, 357-359.	0.7	11
123	An outcomes analysis of five prenatal screening strategies for trisomy 21 in women younger than 35 years. American Journal of Obstetrics and Gynecology, 2004, 190, 721-729.	0.7	55
124	Maternal fetal ABO-Rh blood antigen status and risk for preterm preeclampsia. American Journal of Obstetrics and Gynecology, 2004, 191, S42.	0.7	0
125	Thyroid stimulating hormone and free thyroxine in pregnancy—are levels really unchanged?. American Journal of Obstetrics and Gynecology, 2004, 191, S89.	0.7	4
126	Fetal openspina bifida: a natural history of disease progression in utero. Prenatal Diagnosis, 2004, 24, 287-289.	1.1	31



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127	Congenital diaphragmatic hernia: Is 15q26.1-26.2 a candidate locus?. American Journal of Medical Genetics Part A, 2004, 126A, 183-185.	2.4	63
128	Cystic fibrosis screening: to screen or not to screen?. American Journal of Obstetrics and Gynecology, 2003, 189, S113.	0.7	0
129	Prophylactic Corticosteroids for High-Risk Gestation. Obstetrics and Gynecology, 2001, 97, 37S.	1.2	0
130	195 Cervical excision procedures and preterm delivery risk. American Journal of Obstetrics and Gynecology, 2001, 185, S135.	0.7	0
131	Can prenatal ultrasound findings predict ambulatory status in fetuses with open spina bifida?. American Journal of Obstetrics and Gynecology, 2001, 185, 1016-1020.	0.7	66
132	Hydramnios Prediction of Adverse Perinatal Outcome. Obstetrics and Gynecology, 1999, 94, 773-777.	1.2	44
133	Pregnancy and Congenital Heart Disease. , 0, , 349-349.		0