

Yair J Blumenfeld

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

82

papers

2,707

citations

22

h-index

51

g-index

92

ext. papers

3,254

ext. citations

3.8

avg, IF

4.98

L-index

#	Paper	IF	Citations
82	A data-driven health index for neonatal morbidities.. <i>IScience</i> , 2022 , 25, 104143	6.1	0
81	Maternal-fetal medicine fellows' perception and comfort with obstetrical ultrasound and prenatal diagnosis.. <i>American Journal of Obstetrics & Gynecology MFM</i> , 2022 , 100601	7.4	0
80	Maternal Hyperoxygenation Testing in Fetuses with Hypoplastic Left-Heart Syndrome: Association with Postnatal Atrial Septal Restriction. <i>Fetal Diagnosis and Therapy</i> , 2021 , 48, 678-689	2.4	1
79	PretermConnect: Leveraging mobile technology to mitigate social disadvantage in the NICU and beyond. <i>Seminars in Perinatology</i> , 2021 , 45, 151413	3.3	0
78	Proteomic signatures predict preeclampsia in individual cohorts but not across cohorts - implications for clinical biomarker studies. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2021 , 1-8	2	3
77	Individualized growth assessment in pregnancies complicated by fetal gastroschisis. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2021 , 1-11	2	
76	Obstetric and neonatal outcomes in pregnancies complicated by fetal lung masses: does final histology matter?. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2021 , 34, 3662-3668	2	2
75	RASopathies: A significant cause of polyhydramnios?. <i>Prenatal Diagnosis</i> , 2021 , 41, 362-367	3.2	1
74	Effects of gestational age at delivery and type of labor on neonatal outcomes among infants with gastroschisis. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2021 , 34, 2041-2046	2	2
73	Data-Driven Modeling of Pregnancy-Related Complications. <i>Trends in Molecular Medicine</i> , 2021 , 27, 762-775	11.5	3
72	A Peripheral Immune Signature of Labor Induction. <i>Frontiers in Immunology</i> , 2021 , 12, 725989	8.4	4
71	A Fetal Risk Stratification Pathway for Neonatal Aortic Coarctation Reduces Medical Exposure. <i>Journal of Pediatrics</i> , 2021 , 237, 102-108.e3	3.6	1
70	Response to "Contemporary Outcomes of Patients with Isolated Bilateral Renal Agenesis with and without Fetal Intervention" by RAFT Investigators. <i>Fetal Diagnosis and Therapy</i> , 2020 , 47, 785-786	2.4	
69	New approaches to congenital diaphragmatic hernia. <i>Current Opinion in Obstetrics and Gynecology</i> , 2020 , 32, 121-127	2.4	0
68	In fetuses with congenital lung masses, decreased ventricular and atrioventricular valve dimensions are associated with lesion size and clinical outcome. <i>Prenatal Diagnosis</i> , 2020 , 40, 206-215	3.2	2
67	Prenatally diagnosed omphalocele: characteristics associated with adverse neonatal outcomes. <i>Journal of Perinatology</i> , 2019 , 39, 1111-1117	3.1	3
66	Differential Dynamics of the Maternal Immune System in Healthy Pregnancy and Preeclampsia. <i>Frontiers in Immunology</i> , 2019 , 10, 1305	8.4	25

65	Single Cell Transcriptomes Derived from Human Cervical and Uterine Tissue during Pregnancy. <i>Advanced Biology</i> , 2019 , 3, e1800336	3.5	2
64	Data-driven queries between medications and spontaneous preterm birth among 2.5 million pregnancies. <i>Birth Defects Research</i> , 2019 , 111, 1145-1153	2.9	5
63	Vasa previa and extreme prematurity: a population-based study. <i>Journal of Perinatology</i> , 2019 , 39, 475-480	3.0	2
62	Update on the Prenatal Diagnosis and Outcomes of Fetal Bilateral Renal Agenesis. <i>Obstetrical and Gynecological Survey</i> , 2019 , 74, 298-302	2.4	4
61	Stillbirth and Live Birth at Periviable Gestational Age: A Comparison of Prevalence and Risk Factors. <i>American Journal of Perinatology</i> , 2019 , 36, 537-544	3.3	7
60	Updates in fetal spina bifida repair. <i>Current Opinion in Obstetrics and Gynecology</i> , 2018 , 30, 123-129	2.4	70
59	Predictors of poor neonatal outcomes in prenatally diagnosed multicystic dysplastic kidney disease. <i>Journal of Perinatology</i> , 2018 , 38, 658-664	3.1	13
58	Prenatal treatment of ornithine transcarbamylase deficiency. <i>Molecular Genetics and Metabolism</i> , 2018 , 123, 297-300	3.7	8
57	A proteomic clock of human pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , 2018 , 218, 347.e1-347.e14	6.3	14
56	A Double-Blind, Randomized, Placebo-Controlled Trial of 17 Alpha-hydroxyprogesterone Caproate in the Management of Preterm Premature Rupture of Membranes. <i>American Journal of Perinatology</i> , 2018 , 35, 779-784	3.3	2
55	Risk for spontaneous preterm birth among inter-racial/ethnic couples. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2018 , 31, 633-639	2	9
54	Noninvasive Prenatal Diagnosis of Single-Gene Disorders by Use of Droplet Digital PCR. <i>Clinical Chemistry</i> , 2018 , 64, 336-345	5.5	46
53	Utility of prenatal MRI in the evaluation and management of fetal ventriculomegaly. <i>Journal of Perinatology</i> , 2018 , 38, 1444-1452	3.1	3
52	Prediction of neonatal respiratory distress in pregnancies complicated by fetal lung masses. <i>Prenatal Diagnosis</i> , 2017 , 37, 266-272	3.2	22
51	Numerous uncharacterized and highly divergent microbes which colonize humans are revealed by circulating cell-free DNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 9623-9628	11.5	94
50	Simultaneously Monitoring Immune Response and Microbial Infections during Pregnancy through Plasma cfRNA Sequencing. <i>Clinical Chemistry</i> , 2017 , 63, 1695-1704	5.5	32
49	Response to "Prediction of neonatal respiratory distress in pregnancies complicated by fetal lung masses". <i>Prenatal Diagnosis</i> , 2017 , 37, 632	3.2	
48	Effect of antepartum meconium staining on perinatal and neonatal outcomes among pregnancies with gastroschisis. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2016 , 29, 2500-4	2	3

47	Patient preferences for prenatal testing of microdeletion and microduplication syndromes. <i>Prenatal Diagnosis</i> , 2016 , 36, 244-51	3.2	3
46	Racial and Ethnic Disparities in Mode of Anesthesia for Cesarean Delivery. <i>Anesthesia and Analgesia</i> , 2016 , 122, 472-9	3.9	41
45	Prenatally Diagnosed Cases of Binder Phenotype Complicated by Respiratory Distress in the Immediate Postnatal Period. <i>Journal of Ultrasound in Medicine</i> , 2016 , 35, 1353-8	2.9	3
44	Does Time of Delivery Influence the Risk of Neonatal Morbidity?. <i>American Journal of Perinatology</i> , 2016 , 33, 502-9	3.3	2
43	Trends in the delivery route of twin pregnancies in the United States, 2006-2013. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2016 , 205, 120-6	2.4	21
42	Reply: To PMID 21210485. <i>Journal of Ultrasound in Medicine</i> , 2015 , 34, 743	2.9	
41	Peripartum and neonatal outcomes of small-for-gestational-age infants with gastroschisis. <i>Prenatal Diagnosis</i> , 2015 , 35, 477-82	3.2	14
40	Early-onset severe preeclampsia by first trimester pregnancy-associated plasma protein A and total human chorionic gonadotropin. <i>American Journal of Perinatology</i> , 2015 , 32, 703-12	3.3	14
39	Risk Factors for Prolonged Postpartum Length of Stay Following Cesarean Delivery. <i>American Journal of Perinatology</i> , 2015 , 32, 825-32	3.3	46
38	Prenatal Diagnosis and Perinatal Outcomes of Congenital Megalourethra: A Multicenter Cohort Study and Systematic Review of the Literature. <i>Journal of Ultrasound in Medicine</i> , 2015 , 34, 2057-64	2.9	7
37	Obstetric ultrasound quality improvement initiative-utilization of a quality assurance process and standardized checklists. <i>American Journal of Perinatology</i> , 2015 , 32, 599-604	3.3	8
36	Fetofetal Transfusion Syndrome in Monochorionic-Triamniotic Triplets Treated with Fetoscopic Laser Ablation: Report of Two Cases and A Systematic Review. <i>AJP Reports</i> , 2015 , 5, e153-60	1.2	3
35	Prepregnancy Obesity and Risks of Stillbirth. <i>PLoS ONE</i> , 2015 , 10, e0138549	3.7	23
34	Second-line uterotonics and the risk of hemorrhage-related morbidity. <i>American Journal of Obstetrics and Gynecology</i> , 2015 , 212, 642.e1-7	6.4	28
33	Noninvasive prenatal diagnosis in a fetus at risk for methylmalonic acidemia. <i>Genetics in Medicine</i> , 2014 , 16, 564-7	8.1	31
32	Accuracy of sonographic chorionicity classification in twin gestations. <i>Journal of Ultrasound in Medicine</i> , 2014 , 33, 2187-92	2.9	26
31	Noninvasive in vivo monitoring of tissue-specific global gene expression in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 7361-6	11.5	196
30	Caesarean delivery for twin gestation at 32-38 weeks does not lead to improved clinical outcomes for neonates or mothers. <i>Evidence-Based Medicine</i> , 2014 , 19, 119		1

29	Association between maternal characteristics, abnormal serum aneuploidy analytes, and placental abruption. <i>American Journal of Obstetrics and Gynecology</i> , 2014 , 211, 144.e1-9	6.4	23
28	Conservatively managed fetal goiter: an alternative to in utero therapy. <i>Fetal Diagnosis and Therapy</i> , 2013 , 34, 184-7	2.4	10
27	Isolated umbilical vein varix with a poor outcome despite close fetal surveillance. <i>Journal of Ultrasound in Medicine</i> , 2013 , 32, 1680-2	2.9	3
26	Maternal-fetal medicine fellowship 3- and 4-dimensional ultrasound experience: room for improvement. <i>Journal of Ultrasound in Medicine</i> , 2013 , 32, 949-53	2.9	3
25	Maternal-fetal medicine fellowship obstetrical ultrasound experience: results from a fellowship survey. <i>Prenatal Diagnosis</i> , 2013 , 33, 158-61	3.2	5
24	Infants with prenatally diagnosed anomalies: special approaches to preparation and resuscitation. <i>Clinics in Perinatology</i> , 2012 , 39, 871-87	2.8	9
23	Non-invasive prenatal measurement of the fetal genome. <i>Nature</i> , 2012 , 487, 320-4	50.4	280
22	Rectus muscle and visceral peritoneum closure at cesarean delivery and intraabdominal adhesions. <i>American Journal of Obstetrics and Gynecology</i> , 2012 , 206, 515.e1-5	6.4	15
21	First Trimester Screening for Fetal Aneuploidy. <i>NeoReviews</i> , 2012 , 13, e4-e8	1.1	
20	Sextuplet heterotopic pregnancy presenting as ovarian hyperstimulation syndrome and hemoperitoneum. <i>Fertility and Sterility</i> , 2011 , 95, 2431.e1-3	4.8	5
19	Prenatal diagnosis of cross-fused renal ectopia: does color Doppler and 3-dimensional sonography help?. <i>Journal of Ultrasound in Medicine</i> , 2011 , 30, 578-80	2.9	3
18	Trends in cesarean delivery for twin births in the United States: 1995-2008. <i>Obstetrics and Gynecology</i> , 2011 , 118, 1095-1101	4.9	78
17	Antenatal steroid administration for premature neonates in California. <i>Obstetrics and Gynecology</i> , 2011 , 117, 603-609	4.9	54
16	Do adhesions at repeat cesarean delay delivery of the newborn?. <i>American Journal of Obstetrics and Gynecology</i> , 2011 , 205, 380.e1-5	6.4	22
15	Noninvasive prenatal diagnosis: pregnant women's interest and expected uptake. <i>Prenatal Diagnosis</i> , 2011 , 31, 1292-9	3.2	102
14	MR imaging in cases of antenatal suspected appendicitis--a meta-analysis. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2011 , 24, 485-8	2	22
13	Ultrasound estimation of fetal weight in small for gestational age pregnancies. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2010 , 23, 790-3	2	8
12	The effect of preterm premature rupture of membranes on neonatal mortality rates. <i>Obstetrics and Gynecology</i> , 2010 , 116, 1381-1386	4.9	16

11	Analysis of the size distributions of fetal and maternal cell-free DNA by paired-end sequencing. <i>Clinical Chemistry</i> , 2010 , 56, 1279-86	5.5	177
10	The effects of respiratory failure on delivery in pregnant patients with H1N1 2009 influenza. <i>Obstetrics and Gynecology</i> , 2010 , 115, 1033-1035	4.9	4
9	Chorionic villus sampling: technique and training. <i>Current Opinion in Obstetrics and Gynecology</i> , 2010 , 22, 146-51	2.4	14
8	Microfluidic digital PCR enables rapid prenatal diagnosis of fetal aneuploidy. <i>American Journal of Obstetrics and Gynecology</i> , 2009 , 200, 543.e1-7	6.4	78
7	Prematurity prevention: the role of acute tocolysis. <i>Current Opinion in Obstetrics and Gynecology</i> , 2009 , 21, 136-41	2.4	13
6	Noninvasive diagnosis of fetal aneuploidy by shotgun sequencing DNA from maternal blood. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 16266-71	11.5	810
5	Re: Uterine exteriorization compared with in situ repair at cesarean delivery: a randomized controlled trial. <i>Obstetrics and Gynecology</i> , 2008 , 112, 183; author reply 183	4.9	
4	Fetal urinoma as a sign of a dysplastic kidney. <i>Pediatric Nephrology</i> , 2003 , 18, 65-7	3.2	18
3	Humans are colonized by many uncharacterized and highly divergent microbes		2
2	Noninvasive prenatal diagnosis of single-gene disorders using droplet digital PCR		1
1	Preterm Labor198-216		1