Steven James Korzeniewski

List of Publications by Citations

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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.

101 papers	4,312 citations	39 h-index	63 g-index
111 ext. papers	5,106 ext. citations	3.2 avg, IF	5.23 L-index

#	Paper	IF	Citations
101	Prevalence and clinical significance of sterile intra-amniotic inflammation in patients with preterm labor and intact membranes. *American Journal of Reproductive Immunology*, **2014**, 72, 458-74	3.8	281
100	The descriptive epidemiology of cerebral palsy. *Clinics in Perinatology*, **2006**, 33, 251-67	2.8	270
99	Sterile and microbial-associated intra-amniotic inflammation in preterm prelabor rupture of membranes. *Journal of Maternal-Fetal and Neonatal Medicine*, **2015**, 28, 1394-409	2	234
98	Individual characteristics and the multiple contexts of adolescent bullying: an ecological perspective. *Journal of Youth and Adolescence*, **2009**, 38, 101-21	4.5	193
97	A systematic review of neuroimaging for cerebral palsy. *Journal of Child Neurology*, **2008**, 23, 216-27	2.5	155
96	Clinical chorioamnionitis at term I: microbiology of the amniotic cavity using cultivation and molecular techniques. *Journal of Perinatal Medicine*, **2015**, 43, 19-36	2.7	142
95	A novel molecular microbiologic technique for the rapid diagnosis of microbial invasion of the amniotic cavity and intra-amniotic infection in preterm labor with intact membranes. *American Journal of Reproductive Immunology*, **2014**, 71, 330-58	3.8	137
94	Sterile intra-amniotic inflammation in asymptomatic patients with a sonographic short cervix: prevalence and clinical significance. *Journal of Maternal-Fetal and Neonatal Medicine*, **2015**, 28, 1343-1359	2	114
93	Maternal plasma concentrations of angiogenic/antiangiogenic factors in the third trimester of pregnancy to identify the patient at risk for stillbirth at or near term and severe late preeclampsia. *American Journal of Obstetrics and Gynecology*, **2013**, 208, 287.e1-287.e15	6.4	103
92	A rapid interleukin-6 bedside test for the identification of intra-amniotic inflammation in preterm labor with intact membranes. *Journal of Maternal-Fetal and Neonatal Medicine*, **2016**, 29, 349-59	2	100
91	A point of care test for interleukin-6 in amniotic fluid in preterm prelabor rupture of membranes: a step toward the early treatment of acute intra-amniotic inflammation/infection. *Journal of Maternal-Fetal and Neonatal Medicine*, **2016**, 29, 360-7	2	98
90	Pre-eclampsia part 2: prediction, prevention and management. *Nature Reviews Nephrology*, **2014**, 10, 531-40	14.9	91
89	Evaluation of cervical stiffness during pregnancy using semiquantitative ultrasound elastography. *Ultrasound in Obstetrics and Gynecology*, **2013**, 41, 152-61	5.8	91
88	The clinical significance of a positive Amnisure test in women with preterm labor and intact membranes. *Journal of Maternal-Fetal and Neonatal Medicine*, **2012**, 25, 1690-8	2	88
87	Clinical chorioamnionitis at term II: the intra-amniotic inflammatory response. *Journal of Perinatal Medicine*, **2016**, 44, 5-22	2.7	80
86	The complex aetiology of cerebral palsy. *Nature Reviews Neurology*, **2018**, 14, 528-543	15	73
85	Transabdominal evaluation of uterine cervical length during pregnancy fails to identify a substantial number of women with a short cervix. *Journal of Maternal-Fetal and Neonatal Medicine*, **2012**, 25, 1682-9	2	69

84	A "multi-hit" model of neonatal white matter injury: cumulative contributions of chronic placental inflammation, acute fetal inflammation and postnatal inflammatory events. *Journal of Perinatal Medicine*, **2014**, 42, 731-43	2.7	68
83	Maternal plasma angiogenic index-1 (placental growth factor/soluble vascular endothelial growth factor receptor-1) is a biomarker for the burden of placental lesions consistent with uteroplacental underperfusion: a longitudinal case-cohort study. *American Journal of Obstetrics and Gynecology*, **2016**, 214, 629.e1-629.e17	6.4	65
82	Maternal floor infarction/massive perivillous fibrin deposition: a manifestation of maternal antifetal rejection?. *American Journal of Reproductive Immunology*, **2013**, 70, 285-98	3.8	59
81	Clinical chorioamnionitis at term III: how well do clinical criteria perform in the identification of proven intra-amniotic infection?. *Journal of Perinatal Medicine*, **2016**, 44, 23-32	2.7	55
80	Plasma concentrations of angiogenic/anti-angiogenic factors have prognostic value in women presenting with suspected preeclampsia to the obstetrical triage area: a prospective study. *Journal of Maternal-Fetal and Neonatal Medicine*, **2014**, 27, 132-44	2	55
79	Autism spectrum disorder is associated with ventricular enlargement in a low birth weight population. *Journal of Pediatrics*, **2013**, 163, 73-8	3.6	54
78	The frequency of acute atherosis in normal pregnancy and preterm labor, preeclampsia, small-for-gestational age, fetal death and midtrimester spontaneous abortion. *Journal of Maternal-Fetal and Neonatal Medicine*, **2015**, 28, 2001-9	2	53
77	Clinical chorioamnionitis at term VI: acute chorioamnionitis and funisitis according to the presence or absence of microorganisms and inflammation in the amniotic cavity. *Journal of Perinatal Medicine*, **2016**, 44, 33-51	2.7	52
76	A point of care test for the determination of amniotic fluid interleukin-6 and the chemokine CXCL-10/IP-10. *Journal of Maternal-Fetal and Neonatal Medicine*, **2015**, 28, 1510-9	2	51
75	Asthma care and management before an emergency department visit in children in western Michigan: how well does care adhere to guidelines?. *Pediatrics*, **2006**, 117, S118-26	7.4	49
74	CXCL10 and IL-6: Markers of two different forms of intra-amniotic inflammation in preterm labor. *American Journal of Reproductive Immunology*, **2017**, 78, e12685	3.8	48
73	Evidence of an imbalance of angiogenic/antiangiogenic factors in massive perivillous fibrin deposition (maternal floor infarction): a placental lesion associated with recurrent miscarriage and fetal death. *American Journal of Obstetrics and Gynecology*, **2013**, 208, 310.e1-310.e11	6.4	48
72	Cervical strain determined by ultrasound elastography and its association with spontaneous preterm delivery. *Journal of Perinatal Medicine*, **2014**, 42, 159-69	2.7	48
71	COVID-19 in multiple sclerosis patients and risk factors for severe infection. *Journal of the Neurological Sciences*, **2020**, 418, 117147	3.2	46
70	Effect of depth on shear-wave elastography estimated in the internal and external cervical os during pregnancy. *Journal of Perinatal Medicine*, **2014**, 42, 549-57	2.7	43
69	The use of angiogenic biomarkers in maternal blood to identify which SGA fetuses will require a preterm delivery and mothers who will develop pre-eclampsia. *Journal of Maternal-Fetal and Neonatal Medicine*, **2016**, 29, 1214-28	2	42
68	Clinical chorioamnionitis at term V: umbilical cord plasma cytokine profile in the context of a systemic maternal inflammatory response. *Journal of Perinatal Medicine*, **2016**, 44, 53-76	2.7	40
67	The diagnostic performance of the Mass Restricted (MR) score in the identification of microbial invasion of the amniotic cavity or intra-amniotic inflammation is not superior to amniotic fluid interleukin-6. *Journal of Maternal-Fetal and Neonatal Medicine*, **2014**, 27, 757-69	2	40

66	Randomized trial of a comprehensive asthma education program after an emergency department visit. *Annals of Allergy, Asthma and Immunology*, **2006**, 97, 44-51	3.2	40
65	Meconium aspiration syndrome: a role for fetal systemic inflammation. *American Journal of Obstetrics and Gynecology*, **2016**, 214, 366.e1-9	6.4	39
64	Clinical chorioamnionitis at term IV: the maternal plasma cytokine profile. *Journal of Perinatal Medicine*, **2016**, 44, 77-98	2.7	39
63	Extremely low gestational age and very low birthweight for gestational age are risk factors for autism spectrum disorder in a large cohort study of 10-year-old children born at 23-27 weeksT gestation. *American Journal of Obstetrics and Gynecology*, **2017**, 216, 304.e1-304.e16	6.4	38
62	Detection of anti-HLA antibodies in maternal blood in the second trimester to identify patients at risk of antibody-mediated maternal anti-fetal rejection and spontaneous preterm delivery. *American Journal of Reproductive Immunology*, **2013**, 70, 162-75	3.8	38
61	Single and Serial Fetal Biometry to Detect Preterm and Term Small- and Large-for-Gestational-Age Neonates: A Longitudinal Cohort Study. *PLoS ONE*, **2016**, 11, e0164161	3.7	38
60	Pravastatin to prevent recurrent fetal death in massive perivillous fibrin deposition of the placenta (MPFD). *Journal of Maternal-Fetal and Neonatal Medicine*, **2016**, 29, 855-62	2	36
59	Neurodevelopment at Age 10 Years of Children Born . *Pediatrics*, **2017**, 140,	7.4	36
58	Both antenatal and postnatal inflammation contribute information about the risk of brain damage in extremely preterm newborns. *Pediatric Research*, **2017**, 82, 691-696	3.2	34
57	Transient hypothyroidism at 3-year follow-up among cases of congenital hypothyroidism detected by newborn screening. *Journal of Pediatrics*, **2013**, 162, 177-82	3.6	34
56	Endocan, a putative endothelial cell marker, is elevated in preeclampsia, decreased in acute pyelonephritis, and unchanged in other obstetrical syndromes. *Journal of Maternal-Fetal and Neonatal Medicine*, **2015**, 28, 1621-32	2	31
55	Strain at the internal cervical os assessed with quasi-static elastography is associated with the risk of spontaneous preterm delivery at 34 weeks of gestation. *Journal of Perinatal Medicine*, **2015**, 43, 657-66	2.7	30
54	Do serial measurements of cervical length improve the prediction of preterm birth in asymptomatic women with twin gestations?. *American Journal of Obstetrics and Gynecology*, **2016**, 215, 616.e1-616.e14	6.4	30
53	Maternal plasma concentrations of sST2 and angiogenic/anti-angiogenic factors in preeclampsia. *Journal of Maternal-Fetal and Neonatal Medicine*, **2013**, 26, 1359-70	2	30
52	MR imaging of the fetal brain at 1.5T and 3.0T field strengths: comparing specific absorption rate (SAR) and image quality. *Journal of Perinatal Medicine*, **2015**, 43, 209-20	2.7	30
51	Placental lesions associated with acute atherosis. *Journal of Maternal-Fetal and Neonatal Medicine*, **2015**, 28, 1554-62	2	29
50	Elevated endogenous erythropoietin concentrations are associated with increased risk of brain damage in extremely preterm neonates. *PLoS ONE*, **2015**, 10, e0115083	3.7	26
49	False-positive newborn screening result and future health care use in a state Medicaid cohort. *Pediatrics*, **2011**, 128, 715-22	7.4	25

48	Serial cervical length determination in twin pregnancies reveals 4 distinct patterns with prognostic significance for preterm birth. *American Journal of Obstetrics and Gynecology*, **2016**, 215, 476.e1-476.e11	6.4	21
47	Long-Term Cognitive Outcomes of Birth Asphyxia and the Contribution of Identified Perinatal Asphyxia to Cerebral Palsy. *Clinics in Perinatology*, **2016**, 43, 559-72	2.8	21
46	The prediction of fetal death with a simple maternal blood test at 20-24 weeks: a role for angiogenic index-1 (PlGF/sVEGFR-1 ratio). *American Journal of Obstetrics and Gynecology*, **2017**, 217, 682.e1-682.e13	6.4	19
45	Predictors of insufficient sweat production during confirmatory testing for cystic fibrosis. *Pediatric Pulmonology*, **2011**, 46, 23-30	3.5	19
44	Methodological innovations in data gathering: newborn screening linkage with live births records, Michigan, 1/2007-3/2008. *Maternal and Child Health Journal*, **2010**, 14, 360-4	2.4	19
43	Evaluation of utero-placental and fetal hemodynamic parameters throughout gestation in pregnant mice using high-frequency ultrasound. *Ultrasound in Medicine and Biology*, **2014**, 40, 351-60	3.5	18
42	Fetal death: an extreme manifestation of maternal anti-fetal rejection. *Journal of Perinatal Medicine*, **2017**, 45, 851-868	2.7	18
41	Maternal plasma-soluble ST2 concentrations are elevated prior to the development of early and late onset preeclampsia - a longitudinal study. *Journal of Maternal-Fetal and Neonatal Medicine*, **2018**, 31, 418-432	2	17
40	Soluble ST2 in the fetal inflammatory response syndrome: in vivo evidence of activation of the anti-inflammatory limb of the immune response. *Journal of Maternal-Fetal and Neonatal Medicine*, **2013**, 26, 1384-93	2	17
39	Variation in immunoreactive trypsinogen concentrations among Michigan newborns and implications for cystic fibrosis newborn screening. *Pediatric Pulmonology*, **2011**, 46, 125-30	3.5	16
38	Social Responsiveness Scale Assessment of the Preterm Behavioral Phenotype in 10-Year-Olds Born Extremely Preterm. *Journal of Developmental and Behavioral Pediatrics*, **2017**, 38, 697-705	2.4	14
37	MR venography of the fetal brain using susceptibility weighted imaging. *Journal of Magnetic Resonance Imaging*, **2014**, 40, 949-57	5.6	14
36	Transcriptomics of maternal and fetal membranes can discriminate between gestational-age matched preterm neonates with and without cognitive impairment diagnosed at 18-24 months. *PLoS ONE*, **2015**, 10, e0118573	3.7	13
35	Maternal plasma soluble TRAIL is decreased in preeclampsia. *Journal of Maternal-Fetal and Neonatal Medicine*, **2014**, 27, 217-27	2	13
34	The anti-aging factor klotho during human pregnancy and its expression in pregnancies complicated by small-for-gestational-age neonates and/or preeclampsia. *Journal of Maternal-Fetal and Neonatal Medicine*, **2014**, 27, 449-57	2	13
33	Infection and smoking are associated with decreased plasma concentration of the anti-aging protein, klotho. *Journal of Perinatal Medicine*, **2013**, 41, 581-94	2.7	13
32	Elevated protein concentrations in newborn blood and the risks of autism spectrum disorder, and of social impairment, at age 10 years among infants born before the 28th week of gestation. *Translational Psychiatry*, **2018**, 8, 115	8.6	11
31	Newborn screening follow-up within the lifespan context: Michigan's experience. *American Journal of Preventive Medicine*, **2010**, 38, S522-7	6.1	11

30	Screening for congenital hypothyroidism in newborns transferred to neonatal intensive care. *Archives of Disease in Childhood: Fetal and Neonatal Edition*, **2013**, 98, F310-5	4.7	10
29	Are preterm newborns who have relative hyperthyrotropinemia at increased risk of brain damage?. *Journal of Pediatric Endocrinology and Metabolism*, **2014**, 27, 1077-88	1.6	10
28	Persistence of Cerebral Palsy Diagnosis: Assessment of a Low-Birth-Weight Cohort at Ages 2, 6, and 9 Years. *Journal of Child Neurology*, **2016**, 31, 461-7	2.5	9
27	Hostility and anomie: links to preterm delivery subtypes and ambulatory blood pressure at mid-pregnancy. *Social Science and Medicine*, **2008**, 66, 1310-21	5.1	9
26	Pravastatin for the prevention of adverse pregnancy outcome: preeclampsia and more?. *Journal of Maternal-Fetal and Neonatal Medicine*, **2017**, 30, 3	2	8
25	Imaging putative foetal cerebral blood oxygenation using susceptibility weighted imaging (SWI). *European Radiology*, **2018**, 28, 1884-1890	8	8
24	Association between transient hypothyroxinaemia of prematurity and adult autism spectrum disorder in a low-birthweight cohort: an exploratory study. *Paediatric and Perinatal Epidemiology*, **2013**, 27, 182-7	2.7	8
23	A Low Cerebroplacental Ratio at 20-24 Weeks of Gestation Can Predict Reduced Fetal Size Later in Pregnancy or at Birth. *Fetal Diagnosis and Therapy*, **2018**, 44, 112-123	2.4	7
22	Performance metrics after changes in screening protocol for congenital hypothyroidism. *Pediatrics*, **2012**, 130, e1252-60	7.4	6
21	Transient Hypothyroxinemia of Prematurity. *NeoReviews*, **2016**, 17, e394-e402	1.1	6
20	Endogenous Erythropoietin. *Vitamins and Hormones*, **2017**, 105, 39-56	2.5	5
19	Soluble TRAIL in normal pregnancy and acute pyelonephritis: a potential explanation for the susceptibility of pregnant women to microbial products and infection. *Journal of Maternal-Fetal and Neonatal Medicine*, **2013**, 26, 1568-75	2	5
18	Dynamic Changes in the Myometrium during the Third Stage of Labor, Evaluated Using Two-Dimensional Ultrasound, in Women with Normal and Abnormal Third Stage of Labor and in Women with Obstetric Complications. *Gynecologic and Obstetric Investigation*, **2015**, 80, 26-37	2.5	5
17	Intermediate Diastolic Velocity as a Parameter of Cardiac Dysfunction in Growth-Restricted Fetuses. *Fetal Diagnosis and Therapy*, **2016**, 39, 28-39	2.4	4
16	High correlations in gene expression between paired umbilical cord blood and neonatal blood of healthy newborns on Guthrie cards. *Journal of Maternal-Fetal and Neonatal Medicine*, **2013**, 26, 1765-7	2	4
15	Elevated COVID19 mortality risk in detroit area hospitals among patients from census tracts with extreme socioeconomic vulnerability. *EClinicalMedicine*, **2021**, 34, 100814	11.3	4
14	Maternal plasma fetuin-A concentration is lower in patients who subsequently developed preterm preeclampsia than in uncomplicated pregnancy: a longitudinal study. *Journal of Maternal-Fetal and Neonatal Medicine*, **2015**, 28, 1260-1269	2	3
13	"Trophoblast islands of the chorionic connective tissue" (TICCT): a novel placental histologic feature. *Placenta*, **2013**, 34, 360-8	3.4	3

12	Neuroimaging for cerebral palsy. *Developmental Medicine and Child Neurology*, **2009**, 51, 3-4	3.3	3
11	The Role of the Intrauterine and Perinatal Environment in Cerebral Palsy. *NeoReviews*, **2005**, 6, e133-e140	0.1	3
10	The Population Health OutcomEs aNd Information EXchange (PHOENIX) Program - A Transformative Approach to Reduce the Burden of Chronic Disease. *Online Journal of Public Health Informatics*, **2020**, 12, e3	0.3	3
9	COVID-19 as a risk factor for Alzheimer's disease and related dementia: A perspective from Detroit, MI. *Psychiatry Research*, **2020**, 294, 113557	9.9	3
8	Vascular endothelial growth factor and poor prognosis after ischaemic stroke. *European Journal of Neurology*, **2021**, 28, 1759-1764	6	3
7	Relationships among gestational age and birthweight with cognitive deficits in children and adolescents born very preterm. *Developmental Medicine and Child Neurology*, **2018**, 60, 436	3.3	2
6	Evaluation of the B-SAFE campaign to reduce clinically significant warfarin-drug interactions among fee-for-service Medicare beneficiaries. *American Journal of Medical Quality*, **2012**, 27, 518-23	1.1	2
5	Why Stratify Autism Spectrum Disorder by Co-Occurrence with Intellectual Disability?. *Paediatric and Perinatal Epidemiology*, **2017**, 31, 595-597	2.7	1
4	From pandemic response to portable population health: A formative evaluation of the Detroit mobile health unit program. *PLoS ONE*, **2021**, 16, e0256908	3.7	1
3	The association of -related significant hemoglobinopathies and low fetal fraction on noninvasive prenatal screening for fetal aneuploidy. *Journal of Maternal-Fetal and Neonatal Medicine*, **2021**, 34, 3657-3661	2	1
2	Executive and non-executive functions in low birthweight/preterm adolescents with differing temporal patterns of inattention. *PLoS ONE*, **2020**, 15, e0231648	3.7	
1	Single-cause attribution in a multifactorial world: cerebral palsy attributed to or associated with congenital cytomegalovirus?. *Developmental Medicine and Child Neurology*, **2014**, 56, 802-3	3.3	