

M Sanz-Cortes

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

1,616
citations

331259

21
h-index

329751

37
g-index

117
all docs

117
docs citations

117
times ranked

1862
citing authors

#	ARTICLE	IF	CITATIONS
1	Fetoscopic Open Neural Tube Defect Repair. <i>Obstetrics and Gynecology</i> , 2017, 129, 734-743.	1.2	260
2	Differential vulnerability of gray matter and white matter to intrauterine growth restriction in preterm infants at 12 months corrected age. <i>Brain Research</i> , 2014, 1545, 1-11.	1.1	93
3	Testing for Zika virus infection in pregnancy: key concepts to deal with an emerging epidemic. <i>American Journal of Obstetrics and Gynecology</i> , 2017, 216, 209-225.	0.7	88
4	Attitudes and collateral psychological effects of COVID-19 in pregnant women in Colombia. <i>International Journal of Gynecology and Obstetrics</i> , 2020, 151, 203-208.	1.0	70
5	Abnormal brain microstructure and metabolism in small-for-gestational-age term fetuses with normal umbilical artery Doppler. <i>Ultrasound in Obstetrics and Gynecology</i> , 2010, 36, 159-165.	0.9	68
6	Metabolomic Profile of Umbilical Cord Blood Plasma from Early and Late Intrauterine Growth Restricted (IUGR) Neonates with and without Signs of Brain Vasodilation. <i>PLoS ONE</i> , 2013, 8, e80121.	1.1	63
7	Clinical assessment and brain findings in a cohort of mothers, fetuses and infants infected with ZIKA virus. <i>American Journal of Obstetrics and Gynecology</i> , 2018, 218, 440.e1-440.e36.	0.7	56
8	Experience of 300 cases of prenatal fetoscopic open spina bifida repair: report of the International Fetoscopic Neural Tube Defect Repair Consortium. <i>American Journal of Obstetrics and Gynecology</i> , 2021, 225, 678.e1-678.e11.	0.7	48
9	Fetal Brain MRI Texture Analysis Identifies Different Microstructural Patterns in Adequate and Small for Gestational Age Fetuses at Term. <i>Fetal Diagnosis and Therapy</i> , 2013, 33, 122-129.	0.6	47
10	Brainstem and cerebellar differences and their association with neurobehavior in term small-for-gestational-age fetuses assessed by fetal MRI. <i>American Journal of Obstetrics and Gynecology</i> , 2014, 210, 452.e1-452.e8.	0.7	47
11	Fetal MRI insular cortical morphometry and its association with neurobehavior in late-onset small-for-gestational-age fetuses. <i>Ultrasound in Obstetrics and Gynecology</i> , 2014, 44, 322-329.	0.9	44
12	Comparison of two fetoscopic open neural tube defect repair techniques: single-layer closure. <i>Ultrasound in Obstetrics and Gynecology</i> , 2020, 56, 532-540.	0.9	41
13	Management of Labor and Delivery After Fetoscopic Repair of an Open Neural Tube Defect. <i>Obstetrics and Gynecology</i> , 2018, 131, 1062-1068.	1.2	37
14	Equity in coronavirus disease 2019 vaccine development and deployment. <i>American Journal of Obstetrics and Gynecology</i> , 2021, 224, 423-427.	0.7	34
15	Fetal endoscopic tracheal occlusion reduces pulmonary hypertension in severe congenital diaphragmatic hernia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2019, 54, 752-758.	0.9	33
16	Prenatal brain imaging for predicting need for postnatal hydrocephalus treatment in fetuses that had neural tube defect repair in utero. <i>Ultrasound in Obstetrics and Gynecology</i> , 2019, 53, 324-334.	0.9	32
17	Chronic Maternal Hyperoxygenation and Effect on Cerebral and Placental Vasoregulation and Neurodevelopment in Fetuses with Left Heart Hypoplasia. <i>Fetal Diagnosis and Therapy</i> , 2019, 46, 45-57.	0.6	29
18	Proton Magnetic Resonance Spectroscopy Assessment of Fetal Brain Metabolism in Late-Onset 'Small for Gestational Age' versus 'Intrauterine Growth Restriction' Fetuses. <i>Fetal Diagnosis and Therapy</i> , 2015, 37, 108-116.	0.6	28

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19	Automatic Quantitative MRI Texture Analysis in Small-for-Gestational-Age Fetuses Discriminates Abnormal Neonatal Neurobehavior. PLoS ONE, 2013, 8, e69595.	1.1	25
20	Brain metabolite differences in one-year-old infants born small at term and association with neurodevelopmental outcome. American Journal of Obstetrics and Gynecology, 2015, 213, 210.e1-210.e11.	0.7	23
21	Reproducibility of fetal lung-to-head ratio in left diaphragmatic hernia across the North American Fetal Therapy Network (NAFTNet). Prenatal Diagnosis, 2019, 39, 188-194.	1.1	22
22	Cerebral oxygen metabolism during and after therapeutic hypothermia in neonatal hypoxic-ischemic encephalopathy: a feasibility study using magnetic resonance imaging. Pediatric Radiology, 2019, 49, 224-233.	1.1	21
23	Prenatal assessment of congenital diaphragmatic hernia at north american fetal therapy network centers: A continued plea for standardization. Prenatal Diagnosis, 2021, 41, 200-206.	1.1	19
24	Amniotic membrane and placental histopathological findings after open and fetoscopic prenatal neural tube defect repair. Prenatal Diagnosis, 2019, 39, 269-279.	1.1	17
25	Cervical lymphatic malformations: Prenatal characteristics and ex utero intrapartum treatment. Prenatal Diagnosis, 2019, 39, 287-292.	1.1	16
26	Does fetoscopic or open repair for spina bifida affect fetal and postnatal growth?. Ultrasound in Obstetrics and Gynecology, 2019, 53, 314-323.	0.9	16
27	Obstetric outcomes of ex utero intrapartum treatment (EXIT). Prenatal Diagnosis, 2019, 39, 643-646.	1.1	14
28	Early proton magnetic resonance spectroscopy during and after therapeutic hypothermia in perinatal hypoxic-ischemic encephalopathy. Pediatric Radiology, 2019, 49, 941-950.	1.1	14
29	Comparison of brain microstructure after prenatal spina bifida repair by either laparotomy-assisted fetoscopic or open approach. Ultrasound in Obstetrics and Gynecology, 2020, 55, 87-95.	0.9	13
30	Two-port, exteriorized uterus, fetoscopic meningocele closure has fewer adverse neonatal outcomes than open hysterotomy closure. American Journal of Obstetrics and Gynecology, 2021, 225, 327.e1-327.e9.	0.7	13
31	Feasibility and Success Rate of a Fetal MRI and MR Spectroscopy Research Protocol Performed at Term Using a 3.0-Tesla Scanner. Fetal Diagnosis and Therapy, 2017, 41, 127-135.	0.6	12
32	Chorioamniotic membrane separation following fetal myelomeningocele repair: incidence, risk factors and impact on perinatal outcome. Ultrasound in Obstetrics and Gynecology, 2020, 56, 684-693.	0.9	12
33	Doppler changes in umbilical artery and ductus venosus during fetoscopic prenatal surgical repair of myelomeningocele. Ultrasound in Obstetrics and Gynecology, 2019, 53, 335-339.	0.9	11
34	Clinical Importance of Placental Testing among Suspected Cases of Congenital Zika Syndrome. International Journal of Molecular Sciences, 2019, 20, 712.	1.8	9
35	Variability in antenatal prognostication of fetal diaphragmatic hernia across the North American Fetal Therapy Network (NAFTNet). Prenatal Diagnosis, 2020, 40, 342-350.	1.1	9
36	Longitudinal evaluation of motor function in patients who underwent prenatal or postnatal neural tube defect repair. Ultrasound in Obstetrics and Gynecology, 2021, 58, 221-229.	0.9	9

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37	Feasibility and technical features of fetal brain magnetic resonance spectroscopy in 1.5 T scanners. <i>American Journal of Obstetrics and Gynecology</i> , 2015, 213, 741-742.	0.7	8
38	Evaluation and Disposition of Fetal Myelomeningocele Repair Candidates: A Large Referral Center Experience. <i>Fetal Diagnosis and Therapy</i> , 2020, 47, 115-122.	0.6	8
39	Twin twin transfusion syndrome with and without selective fetal growth restriction: Predictors of donor demise. <i>Prenatal Diagnosis</i> , 2021, 41, 1524-1530.	1.1	8
40	Early laser surgery is not associated with very preterm delivery or reduced neonatal survival in <sc>TTTS</sc>. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021, 58, 207-213.	0.9	7
41	Impact of the size of the lesion in prenatal neural tube defect repair on imaging, neurosurgical and motor outcomes: a retrospective cohort study. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2021, 128, 392-399.	1.1	7
42	Perinatal outcomes of iatrogenic chorioamniotic separation following fetoscopic surgery: systematic review and meta-analysis. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021, 58, 347-353.	0.9	7
43	The hippocampal commissure: a new finding at prenatal 3D ultrasound in fetuses with isolated complete agenesis of the corpus callosum. <i>Prenatal Diagnosis</i> , 2015, 35, 919-922.	1.1	6
44	Successful release of pseudoamniotic bands after laser photocoagulation for twin-twin transfusion syndrome: utility of partial carbon dioxide insufflation of uterus. <i>Ultrasound in Obstetrics and Gynecology</i> , 2020, 55, 134-135.	0.9	6
45	Prediction of fetal death in selective growth restriction complicating twin-twin transfusion syndrome using standardized definitions. <i>Ultrasound in Obstetrics and Gynecology</i> , 2020, 58, 738-743.	0.9	6
46	Magnesium sulfate titration reduces maternal complications following fetoscopic closure of spina bifida. <i>Prenatal Diagnosis</i> , 2021, 41, 983-988.	1.1	6
47	Delivery planning for congenital lung malformations: A CVR based perinatal care algorithm. <i>Journal of Pediatric Surgery</i> , 2022, 57, 833-839.	0.8	6
48	Multicenter prospective clinical study to evaluate children short-term neurodevelopmental outcome in congenital heart disease (children NEURO-HEART): study protocol. <i>BMC Pediatrics</i> , 2019, 19, 326.	0.7	5
49	Primary fetal pleural effusion: Characteristics, outcomes, and the role of intervention. <i>Prenatal Diagnosis</i> , 2019, 39, 484-488.	1.1	5
50	Umbilical Artery Doppler Patterns and Right Ventricular Outflow Abnormalities in <sc>Twin-Twin</sc> Transfusion Syndrome. <i>Journal of Ultrasound in Medicine</i> , 2021, 40, 71-78.	0.8	5
51	Economic analysis of prenatal fetoscopic vs open hysterotomy repair of open neural tube defect. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021, 58, 230-237.	0.9	5
52	Impact of the cystic neural tube defects on fetal motor function in prenatal myelomeningocele repairs: A retrospective cohort study. <i>Prenatal Diagnosis</i> , 2021, 41, 965-971.	1.1	5
53	Perinatal outcomes of fetoscopic laser surgery for twin-twin transfusion syndrome in triplet pregnancy: cohort study, systematic review and meta-analysis. <i>Ultrasound in Obstetrics and Gynecology</i> , 2022, 60, 42-51.	0.9	5
54	Association between impedance to blood flow in umbilical arteries and infant survival in twin-twin transfusion syndrome. <i>Ultrasound in Obstetrics and Gynecology</i> , 2020, 55, 489-495.	0.9	4

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55	Outcomes of prenatally diagnosed spontaneous chorioamniotic membrane separation in singleton pregnancies: A systematic review of case series and case reports. <i>Prenatal Diagnosis</i> , 2020, 40, 1366-1374.	1.1	4
56	Perinatal outcome of twin-twin transfusion syndrome complicated with incidental septostomy after laser photocoagulation: A systematic review and meta-analysis. <i>Prenatal Diagnosis</i> , 2021, 41, 1568-1574.	1.1	4
57	Fetal endoscopic tracheal occlusion and pulmonary hypertension in moderate congenital diaphragmatic hernia. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2022, 35, 6967-6972.	0.7	4
58	Heated humidified carbon dioxide for partial uterine insufflation in fetoscopic myelomeningocele repair: insights from animal model. <i>Ultrasound in Obstetrics and Gynecology</i> , 2019, 53, 290-292.	0.9	3
59	Postoperative imaging following fetal open myelomeningocele repair: The clinical utility of magnetic resonance imaging and sonographic amniotic fluid volumes in detecting suspected hysterotomy scar dehiscence. <i>Prenatal Diagnosis</i> , 2020, 40, 66-70.	1.1	3
60	Accuracy of Ultrasound to Predict Neonatal Birth Weight Among Fetuses With Gastroschisis. <i>Journal of Ultrasound in Medicine</i> , 2020, 40, 1383-1389.	0.8	3
61	Peritoneal-amniotic shunt in management of urinary ascites complicating fetal lower urinary tract obstruction. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021, 58, 320-322.	0.9	3
62	Prenatal detection of disseminated extrarenal malignant rhabdoid tumor with placental metastases. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021, 57, 1008-1010.	0.9	3
63	Interrater agreement for sonographic stomach position classification in fetal diaphragmatic hernia across the North American Fetal Therapy Network. <i>Prenatal Diagnosis</i> , 2021, , .	1.1	3
64	Is ventriculomegaly and hindbrain herniation seen before and after prenatal neural tube defect repair associated with a worse functional level than anatomical level at birth?. <i>Prenatal Diagnosis</i> , 2021, 41, 972-982.	1.1	3
65	Outcomes of laparoscopy-assisted fetoscopic laser photocoagulation for twin-twin transfusion syndrome: An established alternative for inaccessible anterior placenta. <i>Prenatal Diagnosis</i> , 2021, 41, 1582-1588.	1.1	3
66	Use of gadolinium in placental MRI to improve diagnostic performance for abnormally invasive placentas in patients at risk. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2017, 124, 95-95.	1.1	2
67	491: Neurodevelopmental assessment in patients who underwent prenatal fetoscopic and open fetal neural tube defect repair. <i>American Journal of Obstetrics and Gynecology</i> , 2018, 218, S294-S295.	0.7	2
68	Neurodevelopmental Outcome in Infants with Lower Urinary Tract Obstruction Based on Different Degrees of Severity. <i>Fetal Diagnosis and Therapy</i> , 2020, 47, 587-596.	0.6	2
69	Enhanced Recovery after Surgery: Benefits for the Fetal Surgery Patient. <i>Fetal Diagnosis and Therapy</i> , 2021, 48, 392-399.	0.6	2
70	Maternal serum alpha-fetoprotein level and the relationship to ventriculomegaly in fetal neural tube defect: A retrospective cohort study. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2021, 259, 185-190.	0.5	2
71	Impact of the volume of the myelomeningocele sac on imaging, prenatal neurosurgery and motor outcomes: a retrospective cohort study. <i>Scientific Reports</i> , 2021, 11, 13189.	1.6	2
72	Iatrogenic chorioamniotic separation and septostomy following fetoscopic laser photocoagulation for twin-twin transfusion syndrome. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021, , .	0.9	2

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73	Team Approach: The Management of Adolescents and Adults with Scoliosis and Spina Bifida. JBJS Reviews, 2022, 10, .	0.8	2
74	OP17.11: Cord occlusion in a clinical series of 103 monochorionic pregnancies: Impact of early (â©½ 18) Tj ETQq0,0,0 rgBT /Overlock 1	0.9	1
75	Re: Relationship between general movements in neonates who were growth restricted in utero and prenatal Doppler flow patterns. J. C. Tanis, D. M. Schmitz, M. R. Boelen, L. Casarella, P. P. van den Berg, C. M. Bilardo and A. F. Bos. Ultrasound Obstet Gynec. Ultrasound in Obstetrics and Gynecology, 2016, 48, 694-694.	0.9	1
76	Monochorionic monoamniotic twin-twin transfusion syndrome treated with laser ablation. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2020, 246, 193-194.	0.5	1
77	Maternal low body mass index is a risk factor for fetal ductal constriction following indomethacin use among women undergoing fetal repair of spina bifida. Prenatal Diagnosis, 2020, 40, 669-673.	1.1	1
78	Repair of a large uterine dehiscence during the second trimester leading to successful prolongation of the pregnancy. American Journal of Obstetrics and Gynecology, 2020, 223, 929-932.	0.7	1
79	Fetal MRI-based artificial intelligence in gestational age predictionâ€”a practical solution to an unsolved problem?. European Radiology, 2021, 31, 3773-3774.	2.3	1
80	Intertwin differences in umbilical artery pulsatility index are associated with infant survival in twin-to-twin transfusion syndrome. Journal of Perinatal Medicine, 2021, 49, 1122-1128.	0.6	1
81	Single fetal demise following fetoscopic ablation for twin-to-twin transfusion syndromeâ€”cohort study, systematic review, and meta-analysis. American Journal of Obstetrics and Gynecology, 2022, 226, 843.e1-843.e28.	0.7	1
82	Association between ambulatory skills in spina bifida infants and corpus callosum white matter diffusion tensor imaging analysis. Ultrasound in Obstetrics and Gynecology, 0, , .	0.9	1
83	OC15.05: Results of cord coagulation and section with laser in a clinical series of 17 monoamniotic pregnancies as compared with conventional cord occlusion. Ultrasound in Obstetrics and Gynecology, 2010, 36, 30-30.	0.9	0
84	OC22.01: Neurobehavioral outcome of early-onset growth restricted fetuses with and without brain sparing. Ultrasound in Obstetrics and Gynecology, 2010, 36, 40-40.	0.9	0
85	OP01.09: Brain perfusion changes in fetuses with congenital heart defects as measured by spectral Doppler indices and fractional moving blood volume. Ultrasound in Obstetrics and Gynecology, 2011, 38, 58-58.	0.9	0
86	OP14.01: Apparently isolated prenatal interhemispheric cystic lesions: rate of associated anomalies after advanced neurosonography. Ultrasound in Obstetrics and Gynecology, 2011, 38, 94-94.	0.9	0
87	Re: Diffusionâ€weighted magnetic resonance imaging of the fetal brain in intrauterine growth restriction. O. J. Arthurs, A. Rega, F. Guimiot, N. Belarbi, J. Rosenblatt, V. Biran, M. Elmaleh, G. Sebag and M. Alison. Ultrasound Obstet Gynecol 2017; 50: 79â€87.. Ultrasound in Obstetrics and Gynecology, 2017, 50, 18-19.	0.9	0
88	Inter-twin differences in fetal echocardiographic findings are associated with decreased dual twin survival in twin-twin transfusion syndrome. Journal of Maternal-Fetal and Neonatal Medicine, 2021, , 1-7.	0.7	0
89	Outcomes of subsequent pregnancies after 2-port laparotomy-assisted fetoscopic spina bifida repair. American Journal of Obstetrics and Gynecology, 2021, 225, 452-454.	0.7	0
90	Carbon dioxide fetoscopic technique to enhance visualization in cases of placental laser ablation for twin twin transfusion syndrome. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2021, 265, 220-221.	0.5	0