

Francesca Maria Russo

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.

53
papers

768
citations

16
h-index

26
g-index

66
ext. papers

1,205
ext. citations

4.7
avg, IF

4.11
L-index

#	Paper	IF	Citations
53	The randomized TOTAL-trials on fetal surgery for congenital diaphragmatic hernia: re-analysis using pooled data. <i>American Journal of Obstetrics and Gynecology</i> , 2021 ,	6.4	2
52	The Detection, Outcome, and Presentation of Twin-Twin Transfusion Syndrome in Monochorionic Diamniotic Twin Pregnancies Followed with a Protocol of Fortnightly Ultrasound Examination. <i>Fetal Diagnosis and Therapy</i> , 2021 , 48, 353-360	2.4	5
51	Incidence and patterns of abnormal corpus callosum in fetuses with isolated spina bifida aperta. <i>Prenatal Diagnosis</i> , 2021 , 41, 957-964	3.2	3
50	Transplacental Transfer and Fetal Pharmacodynamics of Sildenafil in the Pregnant Sheep Model. <i>Fetal Diagnosis and Therapy</i> , 2021 , 48, 411-420	2.4	0
49	Intrapulmonary artery Doppler to predict mortality and morbidity in fetuses with mild or moderate left-sided congenital diaphragmatic hernia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021 , 58, 590-596	5.8	1
48	Randomized Trial of Fetal Surgery for Severe Left Diaphragmatic Hernia. <i>New England Journal of Medicine</i> , 2021 , 385, 107-118	59.2	26
47	Optimal gestational age at delivery in isolated left-sided congenital diaphragmatic hernia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021 , 57, 968-973	5.8	3
46	Fetal endoscopic tracheal occlusion reverses the natural history of right-sided congenital diaphragmatic hernia: European multicenter experience. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021 , 57, 378-385	5.8	4
45	The TOTAL trial dilemma: A survey among professionals on equipoise regarding fetal therapy for severe congenital diaphragmatic hernia. <i>Prenatal Diagnosis</i> , 2021 , 41, 179-189	3.2	5
44	Safety and efficacy of smart tracheal occlusion device in diaphragmatic hernia lamb model. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021 , 57, 105-112	5.8	3
43	Pharmacokinetics and pharmacodynamics of sildenafil in fetal lambs on extracorporeal support. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 143, 112161	7.5	1
42	The Predictive Value of the Cervical Consistency Index to Predict Spontaneous Preterm Birth in Asymptomatic Twin Pregnancies at the Second-Trimester Ultrasound Scan: A Prospective Cohort Study. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	2
41	New device permitting non-invasive reversal of fetal endoscopic tracheal occlusion: ex-vivo and in-vivo study. <i>Ultrasound in Obstetrics and Gynecology</i> , 2020 , 56, 522-531	5.8	5
40	Pregnancy-related pharmacokinetics and antimicrobial prophylaxis during fetal surgery, cefazolin and clindamycin as examples. <i>Prenatal Diagnosis</i> , 2020 , 40, 1178-1184	3.2	2
39	Complementary Effect of Maternal Sildenafil and Fetal Tracheal Occlusion Improves Lung Development in the Rabbit Model of Congenital Diaphragmatic Hernia. <i>Annals of Surgery</i> , 2020 , 275,	7.8	3
38	Reply. <i>Ultrasound in Obstetrics and Gynecology</i> , 2020 , 56, 634-635	5.8	
37	Spontaneous regression of twin anemia-polycythemia sequence presenting in first trimester. <i>Ultrasound in Obstetrics and Gynecology</i> , 2020 , 55, 839-840	5.8	1

36	Learning curves of open and endoscopic fetal spina bifida closure: systematic review and meta-analysis. <i>Ultrasound in Obstetrics and Gynecology</i> , 2020 , 55, 730-739	5.8	29
35	Prenatal diagnosis, imaging, and prognosis in Congenital Diaphragmatic Hernia. <i>Seminars in Perinatology</i> , 2020 , 44, 511-63	3.3	17
34	What should we tell parents? Congenital diaphragmatic hernia. <i>Prenatal Diagnosis</i> , 2020 ,	3.2	2
33	Antenatal therapy with sildenafil: don't throw the baby out with the bathwater. <i>Ultrasound in Obstetrics and Gynecology</i> , 2019 , 53, 274-275	5.8	5
32	Antenatal sildenafil treatment improves neonatal pulmonary hemodynamics and gas exchange in lambs with diaphragmatic hernia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2019 , 54, 506-516	5.8	9
31	Congenital Diaphragmatic Hernia: Pathophysiology and Antenatal Assessment 2019 , 494-502		
30	Sildenafil for Antenatal Treatment of Congenital Diaphragmatic Hernia: From Bench to Bedside. <i>Current Pharmaceutical Design</i> , 2019 , 25, 601-608	3.3	9
29	Prenatal diagnosis and management of congenital diaphragmatic hernia. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2019 , 58, 93-106	4.6	16
28	Pregnancy affects the pharmacokinetics of sildenafil and its metabolite in the rabbit. <i>Xenobiotica</i> , 2019 , 49, 98-105	2	2
27	Antenatal Medical Therapies to Improve Lung Development in Congenital Diaphragmatic Hernia. <i>American Journal of Perinatology</i> , 2018 , 35, 823-836	3.3	4
26	Expectant management in di-chorionic pregnancies complicated by discordant anomalous twin. <i>Journal of Perinatal Medicine</i> , 2018 , 46, 721-727	2.7	2
25	MicroRNA 200b is upregulated in the lungs of fetal rabbits with surgically induced diaphragmatic hernia. <i>Prenatal Diagnosis</i> , 2018 , 38, 645-653	3.2	7
24	Fate of mesoangioblasts in a vaginal birth injury model: influence of the route of administration. <i>Scientific Reports</i> , 2018 , 8, 10604	4.9	3
23	Influence of weight gain, according to Institute of Medicine 2009 recommendation, on spontaneous preterm delivery in twin pregnancies. <i>BMC Pregnancy and Childbirth</i> , 2018 , 18, 6	3.2	10
22	Fetoscopic endoluminal tracheal occlusion and reestablishment of fetal airways for congenital diaphragmatic hernia. <i>Gynecological Surgery</i> , 2018 , 15, 9	1.7	42
21	Proposal for standardized prenatal ultrasound assessment of the fetus with congenital diaphragmatic hernia by the European reference network on rare inherited and congenital anomalies (ERNICA). <i>Prenatal Diagnosis</i> , 2018 , 38, 629-637	3.2	38
20	Antenatal management of congenital diaphragmatic hernia today and tomorrow. <i>Minerva Pediatrics</i> , 2018 , 70, 270-280	1.5	3
19	Sildenafil crosses the placenta at therapeutic levels in a dually perfused human cotyledon model. <i>American Journal of Obstetrics and Gynecology</i> , 2018 , 219, 619.e1-619.e10	6.4	17

18	Antenatal sildenafil administration to prevent pulmonary hypertension in congenital diaphragmatic hernia (SToP-PH): study protocol for a phase I/IIb placenta transfer and safety study. <i>Trials</i> , 2018 , 19, 524	2.8	17
17	Lung size and liver herniation predict need for extracorporeal membrane oxygenation but not pulmonary hypertension in isolated congenital diaphragmatic hernia: systematic review and meta-analysis. <i>Ultrasound in Obstetrics and Gynecology</i> , 2017 , 49, 704-713	5.8	44
16	86: Synergic effect of maternal sildenafil and fetal tracheal occlusion improving pulmonary development in the rabbit model for congenital diaphragmatic hernia. <i>American Journal of Obstetrics and Gynecology</i> , 2017 , 216, S62	6.4	3
15	Pericardio-Amniotic Shunting for Incomplete Pentalogy of Cantrell. <i>Fetal Diagnosis and Therapy</i> , 2017 , 41, 152-156	2.4	4
14	Current and future antenatal management of isolated congenital diaphragmatic hernia. <i>Seminars in Fetal and Neonatal Medicine</i> , 2017 , 22, 383-390	3.7	22
13	Fetal Tracheal Occlusion for Severe Pulmonary Hypoplasia in Isolated Congenital Diaphragmatic Hernia: A Systematic Review and Meta-analysis of Survival. <i>Annals of Surgery</i> , 2016 , 264, 929-933	7.8	63
12	Fetoscopic versus Open Repair for Spina Bifida Aperta: A Systematic Review of Outcomes. <i>Fetal Diagnosis and Therapy</i> , 2016 , 39, 161-71	2.4	121
11	Parental counseling in trisomy 18: Novel insights in prenatal features and postnatal survival. <i>American Journal of Medical Genetics, Part A</i> , 2016 , 170A, 329-336	2.5	4
10	Transplacental sildenafil rescues lung abnormalities in the rabbit model of diaphragmatic hernia. <i>Thorax</i> , 2016 , 71, 517-25	7.3	33
9	The use of human amniotic fluid stem cells as an adjunct to promote pulmonary development in a rabbit model for congenital diaphragmatic hernia. <i>Prenatal Diagnosis</i> , 2015 , 35, 833-40	3.2	21
8	Medical interventions to reverse pulmonary hypoplasia in the animal model of congenital diaphragmatic hernia: A systematic review. <i>Pediatric Pulmonology</i> , 2015 , 50, 820-38	3.5	16
7	Medical and regenerative solutions for congenital diaphragmatic hernia: a perinatal perspective. <i>European Journal of Pediatric Surgery</i> , 2014 , 24, 270-7	1.9	10
6	Assessment of pulmonary vascular reactivity to oxygen using fractional moving blood volume in fetuses with normal lung development and pulmonary hypoplasia in congenital diaphragmatic hernia. <i>Prenatal Diagnosis</i> , 2014 , 34, 977-81	3.2	8
5	Comparative analysis of multilineage properties of mesenchymal stromal cells derived from fetal sources shows an advantage of mesenchymal stromal cells isolated from cord blood in chondrogenic differentiation potential. <i>Cytotherapy</i> , 2014 , 16, 893-905	4.8	32
4	Stillbirths in singletons, dichorionic and monochorionic twins: a comparison of risks and causes. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2013 , 170, 131-6	2.4	29
3	Perinatal complications in twin pregnancies after 34 weeks: effects of gestational age at delivery and chorionicity. <i>American Journal of Perinatology</i> , 2013 , 30, 545-50	3.3	10
2	Seasonal impact in the frequency of isolated spina bifida. <i>Prenatal Diagnosis</i> , 2013 , 33, 1007-9	3.2	4
1	Placenta previa: distance to internal os and mode of delivery. <i>American Journal of Obstetrics and Gynecology</i> , 2009 , 201, 266.e1-5	6.4	45

