

# Francesca Maria Russo

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/4803562/francesca-maria-russo-publications-by-citations.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Fetoscopic versus Open Repair for Spina Bifida Aperta: A Systematic Review of Outcomes. <i>Fetal Diagnosis and Therapy</i> , <b>2016</b> , 39, 161-71	2.4	121
52	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> , <b>2016</b> , 264, 929-933	7.8	63
51	Placenta previa: distance to internal os and mode of delivery. <i>American Journal of Obstetrics and Gynecology</i> , <b>2009</b> , 201, 266.e1-5	6.4	45
50	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> , <b>2017</b> , 49, 704-713	5.8	44
49	Fetoscopic endoluminal tracheal occlusion and reestablishment of fetal airways for congenital diaphragmatic hernia. <i>Gynecological Surgery</i> , <b>2018</b> , 15, 9	1.7	42
48	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> , <b>2018</b> , 38, 629-637	3.2	38
47	Transplacental sildenafil rescues lung abnormalities in the rabbit model of diaphragmatic hernia. <i>Thorax</i> , <b>2016</b> , 71, 517-25	7.3	33
46	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> , <b>2014</b> , 16, 893-905	4.8	32
45	Stillbirths in singletons, dichorionic and monochorionic twins: a comparison of risks and causes. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , <b>2013</b> , 170, 131-6	2.4	29
44	Learning curves of open and endoscopic fetal spina bifida closure: systematic review and meta-analysis. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2020</b> , 55, 730-739	5.8	29
43	Randomized Trial of Fetal Surgery for Severe Left Diaphragmatic Hernia. <i>New England Journal of Medicine</i> , <b>2021</b> , 385, 107-118	59.2	26
42	Current and future antenatal management of isolated congenital diaphragmatic hernia. <i>Seminars in Fetal and Neonatal Medicine</i> , <b>2017</b> , 22, 383-390	3.7	22
41	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> , <b>2015</b> , 35, 833-40	3.2	21
40	Prenatal diagnosis, imaging, and prognosis in Congenital Diaphragmatic Hernia. <i>Seminars in Perinatology</i> , <b>2020</b> , 44, 511-63	3.3	17
39	Sildenafil crosses the placenta at therapeutic levels in a dually perfused human cotyledon model. <i>American Journal of Obstetrics and Gynecology</i> , <b>2018</b> , 219, 619.e1-619.e10	6.4	17
38	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> , <b>2018</b> , 19, 524	2.8	17
37	Medical interventions to reverse pulmonary hypoplasia in the animal model of congenital diaphragmatic hernia: A systematic review. <i>Pediatric Pulmonology</i> , <b>2015</b> , 50, 820-38	3.5	16

36	Prenatal diagnosis and management of congenital diaphragmatic hernia. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , <b>2019</b> , 58, 93-106	4.6	16
35	Influence of weight gain, according to Institute of Medicine 2009 recommendation, on spontaneous preterm delivery in twin pregnancies. <i>BMC Pregnancy and Childbirth</i> , <b>2018</b> , 18, 6	3.2	10
34	Medical and regenerative solutions for congenital diaphragmatic hernia: a perinatal perspective. <i>European Journal of Pediatric Surgery</i> , <b>2014</b> , 24, 270-7	1.9	10
33	Perinatal complications in twin pregnancies after 34 weeks: effects of gestational age at delivery and chorionicity. <i>American Journal of Perinatology</i> , <b>2013</b> , 30, 545-50	3.3	10
32	Antenatal sildenafil treatment improves neonatal pulmonary hemodynamics and gas exchange in lambs with diaphragmatic hernia. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2019</b> , 54, 506-516	5.8	9
31	Sildenafil for Antenatal Treatment of Congenital Diaphragmatic Hernia: From Bench to Bedside. <i>Current Pharmaceutical Design</i> , <b>2019</b> , 25, 601-608	3.3	9
30	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> , <b>2014</b> , 34, 977-81	3.2	8
29	MicroRNA 200b is upregulated in the lungs of fetal rabbits with surgically induced diaphragmatic hernia. <i>Prenatal Diagnosis</i> , <b>2018</b> , 38, 645-653	3.2	7
28	Antenatal therapy with sildenafil: don't throw the baby out with the bathwater. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2019</b> , 53, 274-275	5.8	5
27	New device permitting non-invasive reversal of fetal endoscopic tracheal occlusion: ex-vivo and in-vivo study. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2020</b> , 56, 522-531	5.8	5
26	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> , <b>2021</b> , 48, 353-360	2.4	5
25	The TOTAL trial dilemma: A survey among professionals on equipoise regarding fetal therapy for severe congenital diaphragmatic hernia. <i>Prenatal Diagnosis</i> , <b>2021</b> , 41, 179-189	3.2	5
24	Antenatal Medical Therapies to Improve Lung Development in Congenital Diaphragmatic Hernia. <i>American Journal of Perinatology</i> , <b>2018</b> , 35, 823-836	3.3	4
23	Pericardio-Amniotic Shunting for Incomplete Pentalogy of Cantrell. <i>Fetal Diagnosis and Therapy</i> , <b>2017</b> , 41, 152-156	2.4	4
22	Seasonal impact in the frequency of isolated spina bifida. <i>Prenatal Diagnosis</i> , <b>2013</b> , 33, 1007-9	3.2	4
21	Parental counseling in trisomy 18: Novel insights in prenatal features and postnatal survival. <i>American Journal of Medical Genetics, Part A</i> , <b>2016</b> , 170A, 329-336	2.5	4
20	Fetal endoscopic tracheal occlusion reverses the natural history of right-sided congenital diaphragmatic hernia: European multicenter experience. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2021</b> , 57, 378-385	5.8	4
19	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> , <b>2017</b> , 216, S62	6.4	3

18	Fate of mesoangioblasts in a vaginal birth injury model: influence of the route of administration. <i>Scientific Reports</i> , <b>2018</b> , 8, 10604	4.9	3
17	Antenatal management of congenital diaphragmatic hernia today and tomorrow. <i>Minerva Pediatrics</i> , <b>2018</b> , 70, 270-280	1.5	3
16	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> , <b>2020</b> , 275,	7.8	3
15	Incidence and patterns of abnormal corpus callosum in fetuses with isolated spina bifida aperta. <i>Prenatal Diagnosis</i> , <b>2021</b> , 41, 957-964	3.2	3
14	Optimal gestational age at delivery in isolated left-sided congenital diaphragmatic hernia. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2021</b> , 57, 968-973	5.8	3
13	Safety and efficacy of smart tracheal occlusion device in diaphragmatic hernia lamb model. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2021</b> , 57, 105-112	5.8	3
12	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> , <b>2020</b> , 9,	5.1	2
11	Expectant management in di-chorionic pregnancies complicated by discordant anomalous twin. <i>Journal of Perinatal Medicine</i> , <b>2018</b> , 46, 721-727	2.7	2
10	The randomized TOTAL-trials on fetal surgery for congenital diaphragmatic hernia: re-analysis using pooled data. <i>American Journal of Obstetrics and Gynecology</i> , <b>2021</b> ,	6.4	2
9	Pregnancy-related pharmacokinetics and antimicrobial prophylaxis during fetal surgery, cefazolin and clindamycin as examples. <i>Prenatal Diagnosis</i> , <b>2020</b> , 40, 1178-1184	3.2	2
8	Pregnancy affects the pharmacokinetics of sildenafil and its metabolite in the rabbit. <i>Xenobiotica</i> , <b>2019</b> , 49, 98-105	2	2
7	What should we tell parents? Congenital diaphragmatic hernia. <i>Prenatal Diagnosis</i> , <b>2020</b> ,	3.2	2
6	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> , <b>2021</b> , 58, 590-596	5.8	1
5	Spontaneous regression of twin anemia-polycythemia sequence presenting in first trimester. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2020</b> , 55, 839-840	5.8	1
4	Pharmacokinetics and pharmacodynamics of sildenafil in fetal lambs on extracorporeal support. <i>Biomedicine and Pharmacotherapy</i> , <b>2021</b> , 143, 112161	7.5	1
3	Transplacental Transfer and Fetal Pharmacodynamics of Sildenafil in the Pregnant Sheep Model. <i>Fetal Diagnosis and Therapy</i> , <b>2021</b> , 48, 411-420	2.4	0
2	Congenital Diaphragmatic Hernia: Pathophysiology and Antenatal Assessment <b>2019</b> , 494-502		
1	Reply. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2020</b> , 56, 634-635	5.8	

