

Luis F Goncalves

List of Publications by Year in descending order

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67
papers

4,481
citations

172207

29
h-index

106150

65
g-index

69
all docs

69
docs citations

69
times ranked

3746
citing authors

#	ARTICLE	IF	CITATIONS
1	The Role of Inflammation and Infection in Preterm Birth. <i>Seminars in Reproductive Medicine</i> , 2007, 25, 021-039.	0.5	714
2	Inflammation in preterm and term labour and delivery. <i>Seminars in Fetal and Neonatal Medicine</i> , 2006, 11, 317-326.	1.1	598
3	Intrauterine infection and prematurity. <i>Mental Retardation and Developmental Disabilities Research Reviews</i> , 2002, 8, 3-13.	3.5	506
4	Evidence supporting a role for blockade of the vascular endothelial growth factor system in the pathophysiology of preeclampsia. <i>American Journal of Obstetrics and Gynecology</i> , 2004, 190, 1541-1547.	0.7	347
5	Four-dimensional ultrasonography of the fetal heart with spatiotemporal image correlation. <i>American Journal of Obstetrics and Gynecology</i> , 2003, 189, 1792-1802.	0.7	216
6	Identification of patients at risk for early onset and/or severe preeclampsia with the use of uterine artery Doppler velocimetry and placental growth factor. <i>American Journal of Obstetrics and Gynecology</i> , 2007, 196, 326.e1-326.e13.	0.7	215
7	Detection of a microbial biofilm in intraamniotic infection. <i>American Journal of Obstetrics and Gynecology</i> , 2008, 198, 135.e1-135.e5.	0.7	165
8	Three- and 4-Dimensional Ultrasound in Obstetric Practice. <i>Journal of Ultrasound in Medicine</i> , 2005, 24, 1599-1624.	0.8	104
9	The maternal plasma soluble vascular endothelial growth factor receptor-1 concentration is elevated in SGA and the magnitude of the increase relates to Doppler abnormalities in the maternal and fetal circulation. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2008, 21, 25-40.	0.7	100
10	Evidence supporting that the excess of the sVEGFR-1 concentration in maternal plasma in preeclampsia has a uterine origin. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2005, 18, 9-16.	0.7	99
11	Four-Dimensional Ultrasonography of the Fetal Heart Using Color Doppler Spatiotemporal Image Correlation. <i>Journal of Ultrasound in Medicine</i> , 2004, 23, 473-481.	0.8	81
12	A New Approach to Fetal Echocardiography. <i>Journal of Ultrasound in Medicine</i> , 2005, 24, 415-424.	0.8	74
13	A Novel Algorithm for Comprehensive Fetal Echocardiography Using 4-Dimensional Ultrasonography and Tomographic Imaging. <i>Journal of Ultrasound in Medicine</i> , 2006, 25, 947-956.	0.8	72
14	Inversion Mode. <i>Journal of Ultrasound in Medicine</i> , 2005, 24, 201-207.	0.8	66
15	Fetal cardiac ventricular volume, cardiac output, and ejection fraction determined with 4-dimensional ultrasound using spatiotemporal image correlation and virtual organ computer-aided analysis. <i>American Journal of Obstetrics and Gynecology</i> , 2011, 205, 76.e1-76.e10.	0.7	64
16	Imaging features of idiopathic intracranial hypertension, including a new finding: widening of the foramen ovale. <i>Acta Radiologica</i> , 2012, 53, 682-688.	0.5	61
17	GRO β in the Fetomaternal and Amniotic Fluid Compartments During Pregnancy and Parturition. <i>American Journal of Reproductive Immunology</i> , 1996, 35, 23-29.	1.2	58
18	Four-dimensional ultrasonography of the fetal heart using a novel Tomographic Ultrasound Imaging display. <i>Journal of Perinatal Medicine</i> , 2006, 34, 39-55.	0.6	56

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19	A Systematic Approach to Prenatal Diagnosis of Transposition of the Great Arteries Using 4-Dimensional Ultrasonography With Spatiotemporal Image Correlation. <i>Journal of Ultrasound in Medicine</i> , 2004, 23, 1225-1231.	0.8	53
20	Unexplained fetal death: Another anti-angiogenic state. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2007, 20, 495-507.	0.7	53
21	Preeclampsia and pregnancies with small-for-gestational age neonates have different profiles of complement split products. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2010, 23, 646-657.	0.7	48
22	The Fetal Arm. <i>Journal of Ultrasound in Medicine</i> , 2005, 24, 817-828.	0.8	45
23	The Use of the Minimum Projection Mode in 4-Dimensional Examination of the Fetal Heart With Spatiotemporal Image Correlation. <i>Journal of Ultrasound in Medicine</i> , 2004, 23, 1337-1348.	0.8	44
24	Four-dimensional fetal echocardiography with spatiotemporal image correlation (STIC): A systematic study of standard cardiac views assessed by different observers. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2005, 17, 323-331.	0.7	44
25	What Does 2-Dimensional Imaging Add to 3-and 4-Dimensional Obstetric Ultrasonography?. <i>Journal of Ultrasound in Medicine</i> , 2006, 25, 691-699.	0.8	44
26	Three-dimensional color power imaging of the fetal hepatic circulation. <i>American Journal of Obstetrics and Gynecology</i> , 2003, 189, 1401-1406.	0.7	39
27	Applications of 2-Dimensional Matrix Array for 3-and 4-Dimensional Examination of the Fetus. <i>Journal of Ultrasound in Medicine</i> , 2006, 25, 745-755.	0.8	38
28	Phenotypic Characteristics of Absent and Hypoplastic Nasal Bones in Fetuses With Down Syndrome. <i>Journal of Ultrasound in Medicine</i> , 2004, 23, 1619-1627.	0.8	35
29	An episode of preterm labor is a risk factor for the birth of a small-for-gestational-age neonate. <i>American Journal of Obstetrics and Gynecology</i> , 2007, 196, 574.e1-574.e6.	0.7	33
30	Maternal plasma osteoprotegerin concentration in normal pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , 2005, 193, 1011-1015.	0.7	29
31	Objective Evaluation of Sylvian Fissure Development by Multiplanar 3-Dimensional Ultrasonography. <i>Journal of Ultrasound in Medicine</i> , 2007, 26, 347-353.	0.8	28
32	Repeatability and Reproducibility of Fetal Cardiac Ventricular Volume Calculations Using Spatiotemporal Image Correlation and Virtual Organ Computer-Aided Analysis. <i>Journal of Ultrasound in Medicine</i> , 2009, 28, 1301-1311.	0.8	27
33	Cervical Varix as a Cause of Vaginal Bleeding During Pregnancy. <i>Journal of Ultrasound in Medicine</i> , 2006, 25, 545-549.	0.8	24
34	Clinical significance of amniotic fluid sludge in twin pregnancies with a short cervical length. <i>American Journal of Obstetrics and Gynecology</i> , 2014, 211, 506.e1-506.e9.	0.7	24
35	MID-TRIMESTER PRENATAL SONOGRAPHIC DIAGNOSIS OF A PERICARDIAL CYST. , 1996, 16, 549-553.		21
36	The Role of the Sagittal View of the Ductal Arch in Identification of Fetuses With Conotruncal Anomalies Using 4-Dimensional Ultrasonography. <i>Journal of Ultrasound in Medicine</i> , 2007, 26, 1181-1188.	0.8	21

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37	Techniques, terminology, and indications for MRI in pregnancy. <i>Seminars in Perinatology</i> , 2013, 37, 334-339.	1.1	21
38	A Management Protocol for Gonad Preservation in Patients with Androgen Insensitivity Syndrome. <i>Journal of Pediatric and Adolescent Gynecology</i> , 2019, 32, 605-611.	0.3	18
39	Three-dimensional ultrasound of the fetus: how does it help?. <i>Pediatric Radiology</i> , 2016, 46, 177-189.	1.1	17
40	Changes in Fetal Cardiac Geometry With Gestation. <i>Journal of Ultrasound in Medicine</i> , 2007, 26, 437-443.	0.8	16
41	Second- and third-trimester biochemical and ultrasound markers predictive of ischemic placental disease. <i>Seminars in Perinatology</i> , 2014, 38, 167-176.	1.1	16
42	Solutes in Maternal Circulation and Gestational Sac Compartments during Early Human Development. <i>Fetal Diagnosis and Therapy</i> , 2006, 21, 287-292.	0.6	15
43	The fetal arm: individualized growth assessment in normal pregnancies. <i>Journal of Ultrasound in Medicine</i> , 2005, 24, 817-28.	0.8	14
44	A Systematic Approach to the Use of the Multiplanar Display in Evaluation of Abnormal Vascular Connections to the Fetal Heart Using 4-Dimensional Ultrasonography. <i>Journal of Ultrasound in Medicine</i> , 2007, 26, 1461-1467.	0.8	12
45	Prenatal Diagnostic Challenges and Pitfalls for Schizencephaly. <i>Journal of Ultrasound in Medicine</i> , 2009, 28, 1379-1384.	0.8	10
46	Mirror Artifacts in Obstetric Ultrasound: Case Presentation of a <i>Ghost</i>Twin during the Second-Trimester Ultrasound Scan. <i>Fetal Diagnosis and Therapy</i> , 2013, 34, 248-252.	0.6	9
47	Histiocytic necrotizing lymphadenitis (Kikuchi-Fujimoto disease) with CNS involvement in a child. <i>Pediatric Radiology</i> , 2014, 44, 234-238.	1.1	9
48	Prenatal Diagnosis of Nasal Glioma Associated with Metopic Craniosynostosis: Case Report and Review of the Literature. <i>Journal of Radiology Case Reports</i> , 2015, 9, 1-8.	0.2	9
49	Imaging of fetal brain tumors. <i>Pediatric Radiology</i> , 2020, 50, 1959-1973.	1.1	9
50	Contribution of fetal magnetic resonance imaging in fetuses with congenital heart disease. <i>Pediatric Radiology</i> , 2022, 52, 513-526.	1.1	9
51	Ultrasound for malrotation and volvulus “point. <i>Pediatric Radiology</i> , 2022, 52, 716-722.	1.1	8
52	The fetal cardiovascular response to increased placental vascular impedance to flow determined with 4-dimensional ultrasound using spatiotemporal image correlation and virtual organ computer-aided analysis. <i>American Journal of Obstetrics and Gynecology</i> , 2013, 208, 153.e1-153.e13.	0.7	7
53	Neuroimaging findings associated with the fetal inflammatory response syndrome. <i>Seminars in Fetal and Neonatal Medicine</i> , 2020, 25, 101143.	1.1	5
54	Data Quality Assessment for Super-Resolution Fetal Brain MR Imaging: A Retrospective 1.5T Study. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 54, 1349-1360.	1.9	4

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55	Characterization of amniotic fluid sludge in preterm and term gestations. Journal of Maternal-Fetal and Neonatal Medicine, 2022, , 1-10.	0.7	4
56	Fetal Heart. Clinical Obstetrics and Gynecology, 2012, 55, 266-280.	0.6	3
57	Diagnosis of neonatal neuroblastoma with postmortem magnetic resonance imaging. Radiology Case Reports, 2017, 12, 191-195.	0.2	3
58	Telehealth multidisciplinary prenatal consultation during the COVID-19 pandemic: enhancing patient care coordination while maintaining high provider satisfaction. Journal of Maternal-Fetal and Neonatal Medicine, 2022, 35, 9765-9769.	0.7	3
59	Grebe dysplasia " prenatal diagnosis based on rendered 3-D ultrasound images of fetal limbs. Pediatric Radiology, 2017, 47, 108-112.	1.1	2
60	Prenatal and postnatal imaging techniques in the evaluation of disorders of sex development. Seminars in Pediatric Surgery, 2019, 28, 150839.	0.5	2
61	Fetal brain small vessel disease 1 caused by a novel mutation in the COL4A1 gene. Pediatric Radiology, 2021, 51, 480-484.	1.1	2
62	Prenatal diagnosis of bilateral retinoblastomas by multimodality fetal imaging: case report and review of the literature. Clinical Imaging, 2021, 78, 121-126.	0.8	2
63	Prenatal diagnosis of Sprengel's deformity in a patient with Klippel-Feil Syndrome. Clinical Imaging, 2021, 78, 45-50.	0.8	2
64	Volume US of the urinary tract in pediatric patients"a pilot study. Pediatric Radiology, 2011, 41, 1047-1056.	1.1	1
65	Hypochondrogenesis: A pictorial assay combining ultrasound, MRI and low-dose computerized tomography. Clinical Imaging, 2021, 69, 363-368.	0.8	1
66	Prenatal Diagnosis of Retinoblastoma. Advances in Ophthalmology and Optometry, 2021, 6, 55-68.	0.3	1
67	THE GENETIC SONOGRAM. Fetal and Maternal Medicine Review, 2014, 25, 12-41.	0.3	0