

Luc De Catte

List of Publications by Year in descending order

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69
papers

1,198
citations

430874

18
h-index

414414

32
g-index

95
all docs

95
docs citations

95
times ranked

1770
citing authors

#	ARTICLE	IF	CITATIONS
1	<scp>ISUOG</scp> Practice Guidelines: performance of fetal magnetic resonance imaging. Ultrasound in Obstetrics and Gynecology, 2017, 49, 671-680.	1.7	153
2	Prevention of maternal fetal transmission of cytomegalovirus after primary maternal infection in the first trimester by biweekly hyperimmunoglobulin administration. Ultrasound in Obstetrics and Gynecology, 2019, 53, 383-389.	1.7	103
3	Proposal for standardized prenatal ultrasound assessment of the fetus with congenital diaphragmatic hernia by the <scp>European</scp> reference network on rare inherited and congenital anomalies (ERNICA). Prenatal Diagnosis, 2018, 38, 629-637.	2.3	73
4	Congenital cytomegalovirus infection: contribution and best timing of prenatal MR imaging. European Radiology, 2016, 26, 3760-3769.	4.5	67
5	Fetoscopic endoluminal tracheal occlusion and reestablishment of fetal airways for congenital diaphragmatic hernia. Gynecological Surgery, 2018, 15, 9.	0.9	67
6	A prospective study of the clinical utility of prenatal chromosomal microarray analysis in fetuses with ultrasound abnormalities and an exploration of a framework for reporting unclassified variants and risk factors. Genetics in Medicine, 2014, 16, 469-476.	2.4	66
7	Exome sequencing identifies a recessive PIGN splice site mutation as a cause of syndromic Congenital Diaphragmatic Hernia. European Journal of Medical Genetics, 2014, 57, 487-493.	1.3	44
8	New crown rump length curve based on over 3500 pregnancies. Ultrasound in Obstetrics and Gynecology, 2010, 35, 650-655.	1.7	42
9	Sonographic detection of central nervous system defects in the first trimester of pregnancy. Prenatal Diagnosis, 2016, 36, 266-273.	2.3	42
10	Collagen plug sealing of iatrogenic fetal membrane defects after fetoscopic surgery for congenital diaphragmatic hernia. Ultrasound in Obstetrics and Gynecology, 2014, 43, 54-59.	1.7	37
11	Outcome of 12 antenatally diagnosed fetal arachnoid cysts: Case series and review of the literature. European Journal of Paediatric Neurology, 2015, 19, 114-121.	1.6	36
12	Does site of cord insertion increase risk of adverse outcome, twin to twin transfusion syndrome and discordant growth in monochorionic twin pregnancy?. Ultrasound in Obstetrics and Gynecology, 2018, 52, 385-389.	1.7	34
13	Amniopatch for iatrogenic rupture of the fetal membranes. Prenatal Diagnosis, 2011, 31, 661-666.	2.3	32
14	Outcome of monochorionic twin pregnancy with selective fetal growth restriction at 16, 20 or 30 weeks according to new Delphi consensus definition. Ultrasound in Obstetrics and Gynecology, 2020, 56, 821-830.	1.7	31
15	Growth discordance. Best Practice and Research in Clinical Obstetrics and Gynaecology, 2014, 28, 295-303.	2.8	29
16	Prenatal Neurologic Anomalies. Paediatric Drugs, 2012, 14, 143-155.	3.1	25
17	Reliability of MR Imaging Based Posterior Fossa and Brain Stem Measurements in Open Spinal Dysraphism in the Era of Fetal Surgery. American Journal of Neuroradiology, 2019, 40, 191-198.	2.4	23
18	Absent pulmonary valve syndrome - diagnosis, associations, and outcome in 71 prenatally diagnosed cases. Prenatal Diagnosis, 2017, 37, 812-819.	2.3	22

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19	First trimester cystic hygroma colli: Retrospective analysis in a tertiary center. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2018, 231, 60-64.	1.1	18
20	Simulator training in fetoscopic laser surgery for twin-twin transfusion syndrome: a pilot randomized controlled trial. <i>Ultrasound in Obstetrics and Gynecology</i> , 2015, 46, 319-326.	1.7	15
21	Massive parallel sequencing identifies RAPSN and PDHA1 mutations causing fetal akinesia deformation sequence. <i>European Journal of Paediatric Neurology</i> , 2017, 21, 745-753.	1.6	15
22	Novel STIL Compound Heterozygous Mutations Cause Severe Fetal Microcephaly and Centriolar Lengthening. <i>Molecular Syndromology</i> , 2017, 8, 282-293.	0.8	15
23	Long-term outcome of pre- and perinatal management of congenital head and neck tumors and malformations. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2019, 121, 164-172.	1.0	15
24	Clinically relevant discordances identified after tertiary reassessment of fetuses with isolated congenital diaphragmatic hernia. <i>Prenatal Diagnosis</i> , 2017, 37, 883-888.	2.3	13
25	Prevalence of supratentorial anomalies assessed by magnetic resonance imaging in fetuses with open spina bifida. <i>Ultrasound in Obstetrics and Gynecology</i> , 2022, 59, 804-812.	1.7	13
26	Prenatal diagnosis of congenital renal and urinary tract malformations. <i>Facts, Views & Vision in ObGyn</i> , 2011, 3, 165-74.	1.1	13
27	Enhanced MCP-1 Release in Early Autosomal Dominant Polycystic Kidney Disease. <i>Kidney International Reports</i> , 2021, 6, 1687-1698.	0.8	12
28	Cortical spectral matching and shape and volume analysis of the fetal brain pre- and post-fetal surgery for spina bifida: a retrospective study. <i>Neuroradiology</i> , 2021, 63, 1721-1734.	2.2	12
29	Intrauterine transfusion for fetal anemia due to red blood cell alloimmunization: 14 years experience in Leuven. <i>Facts, Views & Vision in ObGyn</i> , 2015, 7, 129-36.	1.1	11
30	Subsequent fertility, pregnancy, and gynecologic outcomes after fetoscopic laser therapy for twin-twin transfusion syndrome compared with normal monochorionic twin gestations. <i>American Journal of Obstetrics and Gynecology</i> , 2018, 218, 447.e1-447.e7.	1.3	10
31	Next-generation sequencing in prenatal setting: Some examples of unexpected variant association. <i>European Journal of Medical Genetics</i> , 2020, 63, 103875.	1.3	10
32	The prevalence of brain lesions after in utero surgery for twin-to-twin transfusion syndrome on third-trimester MRI: a retrospective cohort study. <i>European Radiology</i> , 2021, 31, 4097-4103.	4.5	9
33	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.	1.4	9
34	Sonographic Development of the Pericallosal Vascularization in the First and Early Second Trimester of Pregnancy. <i>American Journal of Neuroradiology</i> , 2018, 39, 589-596.	2.4	8
35	Enrichment of collagen plugs with platelets and amniotic fluid cells increases cell proliferation in sealed iatrogenic membrane defects in the fetal rabbit model. <i>Prenatal Diagnosis</i> , 2008, 28, 878-880.	2.3	7
36	Congenital diaphragmatic hernia as a part of Nance-Horan syndrome?. <i>European Journal of Human Genetics</i> , 2018, 26, 359-366.	2.8	7

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37	Imaging the fetal central nervous system. <i>Facts, Views & Vision in ObGyn</i> , 2011, 3, 135-49.	1.1	7
38	THE PRENATAL MANAGEMENT OF NEURAL TUBE DEFECTS: TIME FOR A RE-APPRAISAL. <i>Fetal and Maternal Medicine Review</i> , 2012, 23, 158-186.	0.3	6
39	Prenatal diagnosis of MPPH syndrome. <i>Prenatal Diagnosis</i> , 2013, 33, 292-295.	2.3	6
40	Complex gastroschisis: a new indication for fetal surgery?. <i>Ultrasound in Obstetrics and Gynecology</i> , 2021, 58, 804-812.	1.7	6
41	Termination of pregnancy for renal malformations. <i>Pediatric Nephrology</i> , 2015, 30, 1443-1449.	1.7	5
42	A post-mortem population survey on foetal-infantile end-of-life decisions: a research protocol. <i>BMC Pediatrics</i> , 2018, 18, 260.	1.7	5
43	Prenatal diagnosis of middle interhemispheric variant of holoprosencephaly: review of literature and prenatal case series. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2022, 35, 4976-4984.	1.5	4
44	Sedaghatian Type of Spondylometaphyseal Dysplasia and Concurrent Anomalies. <i>Ultrasound</i> , 2009, 17, 96-98.	0.7	3
45	Prenatal surgery in a triplet pregnancy complicated by a double twin reversed arterial perfusion (TRAP) sequence. <i>Case Reports in Perinatal Medicine</i> , 2012, 1, 83-86.	0.1	3
46	Placental vascular recruitment after single intrauterine demise: A newly diagnosed phenomenon unique to monochorionic pregnancies. <i>Prenatal Diagnosis</i> , 2019, 39, 409-412.	2.3	3
47	Identification of prenatal behavioral patterns of the gross motor movements within the early stages of fetal development. <i>Infant and Child Development</i> , 2017, 26, e2012.	1.5	2
48	Analysis of renal blood flow and renal volume in normal fetuses and in fetuses with a solitary functioning kidney. <i>Prenatal Diagnosis</i> , 2017, 37, 1213-1218.	2.3	2
49	Foetal therapies and their influence on preterm birth. <i>Seminars in Immunopathology</i> , 2020, 42, 501-514.	6.1	2
50	Laser for twin-to-twin transfusion syndrome: a guide for endoscopic surgeons. <i>Facts, Views & Vision in ObGyn</i> , 2019, 11, 197-205.	1.1	2
51	Pre- and postnatal brain magnetic resonance imaging in congenital cytomegalovirus infection: a case report and a review of the literature. <i>BMC Pediatrics</i> , 2022, 22, 293.	1.7	2
52	OPO3.12: Antenatal MRI in the diagnosis and management of fetal renal and suprarenal pathology. <i>Ultrasound in Obstetrics and Gynecology</i> , 2007, 30, 467-467.	1.7	1
53	Prenatal diagnosis of pentalogy of Cantrell. <i>Journal of Obstetrics and Gynaecology</i> , 1993, 13, 36-37.	0.9	0
54	729: The myocardial performance index “ validation for fetal echocardiography. <i>American Journal of Obstetrics and Gynecology</i> , 2007, 197, S207.	1.3	0

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55	OP09.02: A cross-sectional analysis of embryonic growth in normal and genetically abnormal pregnancies. <i>Ultrasound in Obstetrics and Gynecology</i> , 2008, 32, 337-337.	1.7	0
56	508: Rate of amniorrhexis is not affected by fetoscopic access cannula diameter. <i>American Journal of Obstetrics and Gynecology</i> , 2008, 199, S149.	1.3	0
57	599: Amniotic fluid cardiac troponin T in twin-to-twin transfusion syndrome. <i>American Journal of Obstetrics and Gynecology</i> , 2008, 199, S173.	1.3	0
58	Prenatal Diagnosis of Smith's "Lemli" Opitz Syndrome. <i>Ultrasound</i> , 2008, 16, 208-210.	0.7	0
59	287: Fetal cerebral blood flow in congenital diaphragmatic hernia. <i>American Journal of Obstetrics and Gynecology</i> , 2009, 201, S116-S117.	1.3	0
60	OC07.01: A new crown-rump length curve based on over 3500 pregnancies. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009, 34, 11-12.	1.7	0
61	OC08.03: Cytomegalovirus: a retrospective comparative analysis of fetal ultrasound and magnetic resonance imaging in predicting fetal outcome. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009, 34, 13-14.	1.7	0
62	OP04.02: Premature fetal closure of the arterial duct: clinical presentation and outcome. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009, 34, 72-73.	1.7	0
63	OP08.02: Crown-rump length in genetically abnormal pregnancies compared to a CRL curve for normal pregnancies. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009, 34, 85-85.	1.7	0
64	OP31.05: Skeletal dysplasias: does first trimester NT measurement matter?. <i>Ultrasound in Obstetrics and Gynecology</i> , 2009, 34, 163-163.	1.7	0
65	OP38.06: OEIS and LBWC, two distinct fetal anomalies or a spectrum of a common underlying pathway of pathogenesis. <i>Ultrasound in Obstetrics and Gynecology</i> , 2011, 38, 166-166.	1.7	0
66	434: Correlation of three- and two-dimensional methods for fetal cardiac output measurement. <i>American Journal of Obstetrics and Gynecology</i> , 2012, 206, S200.	1.3	0
67	Arachnoid Cyst "Prenatal Detection, Management, and Perinatal Outcome. , 2018, , 187-198.		0
68	843: Prenatal brain growth is altered in Congenital Diaphragmatic Hernia on ultrasound. <i>American Journal of Obstetrics and Gynecology</i> , 2020, 222, S528-S529.	1.3	0
69	MO021ENHANCED MCP-1 RELEASE IN EARLY AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE. <i>Nephrology Dialysis Transplantation</i> , 2021, 36, .	0.7	0