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List of Publications by Year
in descending order

76 papers	7,285 citations	136950 32 h-index	82547 72 g-index
77 all docs	77 docs citations	77 times ranked	8088 citing authors

#	Article	IF	Citations
1	The China birth cohort study (CBCS). European Journal of Epidemiology, 2022, 37, 295-304.	5.7	31
2	Complex Perinatal Syndromes Affecting Early Human Growth and Development: Issues to Consider to Understand Their Aetiology and Postnatal Effects. Frontiers in Neuroscience, 2022, 16, 856886.	2.8	1
3	Effects of prenatal exposure to maternal COVID-19 and perinatal care on neonatal outcome: results from the INTERCOVID Multinational Cohort Study. American Journal of Obstetrics and Gynecology, 2022, 227, 488.e1-488.e17.	1.3	32
4	Fetal growth velocity standards from the Fetal Growth Longitudinal Study of the INTERGROWTH-21st Project. American Journal of Obstetrics and Gynecology, 2021, 224, 208.e1-208.e18.	1.3	16
5	The association between flow and oxygenation and cortical development in fetuses with congenital heart defects using a brainâ€age prediction algorithm. Prenatal Diagnosis, 2021, 41, 43-51.	2.3	8
6	Fetal cranial growth trajectories are associated with growth and neurodevelopment at 2 years of age: INTERBIO-21st Fetal Study. Nature Medicine, 2021, 27, 647-652.	30.7	23
7	International gestational age-specific centiles for blood pressure in pregnancy from the INTERGROWTH-21st Project in 8 countries: A longitudinal cohort study. PLoS Medicine, 2021, 18, e1003611.	8.4	9
8	Maternal and Neonatal Morbidity and Mortality Among Pregnant Women With and Without COVID-19 Infection. JAMA Pediatrics, 2021, 175, 817.	6.2	910
9	A Systematic Review of Methodology Used in Studies Aimed at Creating Charts of Fetal Brain Structures. Diagnostics, 2021, 11, 916.	2.6	5
10	Association Between Preterm-Birth Phenotypes and Differential Morbidity, Growth, and Neurodevelopment at Age 2 Years. JAMA Pediatrics, 2021, 175, 483.	6.2	26
11	Learning to map 2D ultrasound images into 3D space with minimal human annotation. Medical Image Analysis, 2021, 70, 101998.	11.6	19
12	Ultrasound Diagnosis of the Small and Large Fetus. Obstetrics and Gynecology Clinics of North America, 2021, 48, 339-357.	1.9	2
13	Ultrasound Core Laboratory for the Household Air Pollution Intervention Network Trial: Standardized Training and Image Management for Field Studies Using Portable Ultrasound in Fetal, Lung, and Vascular Evaluations. Ultrasound in Medicine and Biology, 2021, 47, 1506-1513.	1.5	4
14	Preeclampsia and COVID-19: results from the INTERCOVID prospective longitudinal study. American Journal of Obstetrics and Gynecology, 2021, 225, 289.e1-289.e17.	1.3	172
15	Comparative analysis of 2â€year outcomes in GRIT and TRUFFLE trials. Ultrasound in Obstetrics and Gynecology, 2020, 55, 68-74.	1.7	22
16	Ductus venosus Doppler waveform pattern in fetuses with early growth restriction. Acta Obstetricia Et Gynecologica Scandinavica, 2020, 99, 608-614.	2.8	9
17	Self-Supervised Ultrasound to MRI Fetal Brain Image Synthesis. IEEE Transactions on Medical Imaging, 2020, 39, 4413-4424.	8.9	24
18	Achieving accurate estimates of fetal gestational age and personalised predictions of fetal growth based on data from an international prospective cohort study: a population-based machine learning study. The Lancet Digital Health, 2020, 2, e368-e375.	12.3	40

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19	International values for haemoglobin distributions in healthy pregnant women. EClinicalMedicine, 2020, 29-30, 100660.	7.1	16
20	Ultrasound prediction of Zika virus-associated congenital injury using the profile of fetal growth. PLoS ONE, 2020, 15, e0233023.	2.5	10
21	Spatio-temporal visual attention modelling of standard biometry plane-finding navigation. Medical Image Analysis, 2020, 65, 101762.	11.6	25
22	INTERGROWTH-21st Project international INTER-NDA standards for child development at 2 years of age: an international prospective population-based study. BMJ Open, 2020, 10, e035258.	1.9	21
23	International gestational age-specific centiles forÂumbilicalÂartery Doppler indices: a longitudinalÂprospectiveÂcohort study of the INTERGROWTH-21st Project. American Journal of Obstetrics and Gynecology, 2020, 222, 602.e1-602.e15.	1.3	24
24	Uncertainty Estimates as Data Selection Criteria to Boost Omni-Supervised Learning. Lecture Notes in Computer Science, 2020, , 689-698.	1.3	8
25	Calibrated Bayesian Neural Networks to Estimate Gestational Age and Its Uncertainty on Fetal Brain Ultrasound Images. Lecture Notes in Computer Science, 2020, , 13-22.	1.3	7
26	Multi-task CNN for Structural Semantic Segmentation in 3D Fetal Brain Ultrasound. Communications in Computer and Information Science, 2020, , 164-173.	0.5	4
27	Automated Fetal Brain Extraction from Clinical Ultrasound Volumes Using 3D Convolutional Neural Networks. Communications in Computer and Information Science, 2020, , 151-163.	0.5	5
28	A Core Outcome Set for the prevention and treatment of fetal GROwth restriction: deVeloping Endpoints: the COSGROVE study. American Journal of Obstetrics and Gynecology, 2019, 221, 339.e1-339.e10.	1.3	33
29	A prediction model for short-term neonatal outcomes in severe early-onset fetal growth restriction. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2019, 241, 109-118.	1.1	26
30	Social gradient of birthweight in England assessed using the INTERGROWTH-21st gestational age-specific standard. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2019, 104, F486-F492.	2.8	8
31	Anatomy-Aware Self-supervised Fetal MRI Synthesis from Unpaired Ultrasound Images. Lecture Notes in Computer Science, 2019, , 178-186.	1.3	2
32	Outcome in early-onset fetal growth restriction isÂbest combining computerized fetal heart rate analysis with ductus venosus Doppler: insights from the Trial of Umbilical and Fetal Flow in Europe. American Journal of Obstetrics and Gynecology, 2018, 218, S783-S789.	1.3	49
33	The INTERGROWTH-21st fetal growth standards: toward the global integration of pregnancy and pediatric care. American Journal of Obstetrics and Gynecology, 2018, 218, S630-S640.	1.3	164
34	The satisfactory growth and development at 2 years of age of theÂINTERGROWTH-21st Fetal Growth Standards cohort support itsÂappropriateness for constructing international standards. American Journal of Obstetrics and Gynecology, 2018, 218, S841-S854.e2.	1.3	43
35	Maternal sildenafil for severe fetal growth restriction (STRIDER): a multicentre, randomised, placebo-controlled, double-blind trial. The Lancet Child and Adolescent Health, 2018, 2, 93-102.	5.6	146
36	Monitoring the Postnatal Growth of Preterm Infants: A Paradigm Change. Pediatrics, 2018, 141, .	2.1	131

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37	Two-Dimensional Echocardiography Estimates of Fetal Ventricular Mass throughout Gestation. Fetal Diagnosis and Therapy, 2018, 44, 18-27.	1.4	3
38	Multi-channel Groupwise Registration to Construct an Ultrasound-Specific Fetal Brain Atlas. Lecture Notes in Computer Science, 2018, , 76-86.	1.3	7
39	Severe Fetal Growth Restriction: Pregnancy Management at the Limits of Viability. , 2018, , 219-223.		0
40	Femur-sparing pattern of abnormal fetal growth in pregnant women from New York City after maternal Zika virus infection. American Journal of Obstetrics and Gynecology, 2018, 219, 187.e1-187.e20.	1.3	30
41	Automated abdominal plane and circumference estimation in 3D US for fetal screening. , 2018, , .		8
42	Deep clinical and biological phenotyping of the preterm birth and small for gestational age syndromes: The INTERBIO-21st Newborn Case-Control Study protocol. Gates Open Research, 2018, 2, 49.	1.1	12
43	INTERGROWTH-21st Gestational Dating and Fetal and Newborn Growth Standards in Peri-Urban Nairobi, Kenya: Quasi-Experimental Implementation Study Protocol. JMIR Research Protocols, 2018, 7, e10293.	1.0	6
44	Disproportionate cardiac hypertrophy during early postnatal development in infants born preterm. Pediatric Research, 2017, 82, 36-46.	2.3	88
45	Body composition at birth and its relationship with neonatal anthropometric ratios: the newborn body composition study of the INTERGROWTH-21st project. Pediatric Research, 2017, 82, 305-316.	2.3	82
46	Phase-rectified signal averaging method to predict perinatal outcome in infants with very preterm fetal growth restriction- a secondary analysis of TRUFFLE-trial. American Journal of Obstetrics and Gynecology, 2016, 215, 630.e1-630.e7.	1.3	24
47	Preterm feeding recommendations are achievable in large-scale research studies. BMC Nutrition, 2016, 2, .	1.6	15
48	Re: <scp>INTERGROWTH</scp> 21st: a new paradigm for fetal growth in the 21st century. The Obstetrician and Gynaecologist, 2016, 18, 237-238.	0.4	0
49	International standards for symphysis-fundal height based on serial measurements from the Fetal Growth Longitudinal Study of the INTERGROWTH-21stProject: prospective cohort study in eight countries. BMJ, The, 2016, 355, i5662.	6.0	67
50	Gestational weight gain standards based on women enrolled in the Fetal Growth Longitudinal Study of the INTERGROWTH-21stProject: a prospective longitudinal cohort study. BMJ, The, 2016, 352, i555.	6.0	116
51	<scp>INTERGROWTH</scp>â€21st: a new paradigm for fetal growth in the 21st century. The Obstetrician and Gynaecologist, 2016, 18, 137-141.	0.4	1
52	INTERGROWTHâ€21st â€“ Time to standardise fetal measurement in Australia. Australasian Journal of Ultrasound in Medicine, 2015, 18, 91-95.	0.6	2
53	The Distribution of Clinical Phenotypes of Preterm Birth Syndrome. JAMA Pediatrics, 2015, 169, 220.	6.2	129
54	Learning-based prediction of gestational age from ultrasound images of the fetal brain. Medical Image Analysis, 2015, 21, 72-86.	11.6	66

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55	2 year neurodevelopmental and intermediate perinatal outcomes in infants with very preterm fetal growth restriction (TRUFFLE): a randomised trial. Lancet, The, 2015, 385, 2162-2172.	13.7	347
56	Anthropometric Characterization of Impaired Fetal Growth. JAMA Pediatrics, 2015, 169, e151431.	6.2	53
57	Preventing childhood obesity starts during pregnancy. Lancet, The, 2015, 386, 1039-1040.	13.7	10
58	Monitoring human growth and development: a continuum from the womb to the classroom. American Journal of Obstetrics and Gynecology, 2015, 213, 494-499.	1.3	39
59	Postnatal growth standards for preterm infants: the Preterm Postnatal Follow-up Study of the INTERGROWTH-21 st Project. The Lancet Global Health, 2015, 3, e681-e691.	6.3	241
60	International standards for newborn weight, length, and head circumference by gestational age and sex: the Newborn Cross-Sectional Study of the INTERGROWTH-21st Project. Lancet, The, 2014, 384, 857-868.	13.7	1,480
61	The likeness of fetal growth and newborn size across non-isolated populations in the INTERGROWTH-21st Project: the Fetal Growth Longitudinal Study and Newborn Cross-Sectional Study. Lancet Diabetes and Endocrinology,the, 2014, 2, 781-792.	11.4	236
62	International standards for fetal growth based on serial ultrasound measurements: the Fetal Growth Longitudinal Study of the INTERGROWTH-21st Project. Lancet, The, 2014, 384, 869-879.	13.7	656
63	Estimation of gestational age in early pregnancy from crown-rump length when gestational age range is truncated: the case study of the INTERGROWTH-21stProject. BMC Medical Research Methodology, 2013, 13, 151.	3.1	20
64	The preterm birth syndrome: issues to consider in creating a classification system. American Journal of Obstetrics and Gynecology, 2012, 206, 113-118.	1.3	177
65	The preterm birth syndrome: a prototype phenotypic classification. American Journal of Obstetrics and Gynecology, 2012, 206, 119-123.	1.3	191
66	Ectopic pregnancy: using the hCG ratio to select women for expectant or medical management. Acta Obstetricia Et Gynecologica Scandinavica, 2011, 90, 264-272.	2.8	31
67	Defective endovascular trophoblast invasion in the first trimester is associated with increased maternal serum ischemia-modified albumin. Human Reproduction, 2008, 23, 803-806.	0.9	47
68	The diagnostic effectiveness of an initial transvaginal scan in detecting ectopic pregnancy. Human Reproduction, 2007, 22, 2824-2828.	0.9	170
69	Maternal Uterine Artery Doppler Flow Velocimetry and the Risk of Stillbirth. Obstetrics and Gynecology, 2007, 109, 144-151.	2.4	93
70	Uterine artery Doppler in the prediction of adverse pregnancy outcome. Current Opinion in Obstetrics and Gynecology, 2007, 19, 103-109.	2.0	70
71	First trimester screening for preeclampsia. Current Opinion in Obstetrics and Gynecology, 2006, 18, 594-600.	2.0	38
72	An integrated model for the prediction of pre-eclampsia using maternal factors and uterine artery Doppler velocimetry in unselected low-risk women. American Journal of Obstetrics and Gynecology, 2006, 195, 330.	1.3	151

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73	Uterine artery Doppler screening for adverse pregnancy outcome. Current Opinion in Obstetrics and Gynecology, 2005, 17, 584-590.	2.0	46
74	An integrated model for the prediction of preeclampsia using maternal factors and uterine artery Doppler velocimetry in unselected low-risk women. American Journal of Obstetrics and Gynecology, 2005, 193, 429-436.	1.3	246
75	The role of uterine artery Doppler in predicting adverse pregnancy outcome. Best Practice and Research in Clinical Obstetrics and Gynaecology, 2004, 18, 383-396.	2.8	203
76	Deep clinical and biological phenotyping of the preterm birth and small for gestational age syndromes: The INTERBIO-21st Newborn Case-Control Study protocol. Gates Open Research, 0, 2, 49.	1.1	9