

# Yi-Hua He

## List of Publications by Year in descending order

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66  
papers

495  
citations

840119

11  
h-index

887659

17  
g-index

84  
all docs

84  
docs citations

84  
times ranked

615  
citing authors

#	ARTICLE	IF	CITATIONS
1	DW-Net: A cascaded convolutional neural network for apical four-chamber view segmentation in fetal echocardiography. <i>Computerized Medical Imaging and Graphics</i> , 2020, 80, 101690.	3.5	43
2	Fetal cardiac tumor: echocardiography, clinical outcome and genetic analysis in 53 cases. <i>Ultrasound in Obstetrics and Gynecology</i> , 2019, 54, 103-109.	0.9	35
3	Contribution of single-gene defects to congenital cardiac left-sided lesions in the prenatal setting. <i>Ultrasound in Obstetrics and Gynecology</i> , 2020, 56, 225-232.	0.9	32
4	Isolated premature restriction or closure of foramen ovale in fetuses: Echocardiographic characteristics and outcome. <i>Echocardiography</i> , 2018, 35, 1189-1195.	0.3	20
5	Experience of pediatric urogenital tract inserted objects: 10-year single-center study. <i>Journal of Pediatric Urology</i> , 2019, 15, 554.e1-554.e8.	0.6	18
6	Genetics and Clinical Features of Noncompaction Cardiomyopathy in the Fetal Population. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 617561.	1.1	18
7	Modeling of coarctation of aorta in human fetuses using 3D/4D fetal echocardiography and computational fluid dynamics. <i>Echocardiography</i> , 2017, 34, 1858-1866.	0.3	15
8	Case Report: Characterization of a Novel NONO Intronic Mutation in a Fetus With X-Linked Syndromic Mental Retardation-34. <i>Frontiers in Genetics</i> , 2020, 11, 593688.	1.1	13
9	Addressing the rising burden of congenital heart disease in China. <i>The Lancet Child and Adolescent Health</i> , 2020, 4, e7.	2.7	13
10	Intracardiac Leiomyomatosis: Clinical Findings and Detailed Echocardiographic Features—A Chinese Institutional Experience. <i>Journal of the American Society of Echocardiography</i> , 2014, 27, 1011-1016.	1.2	12
11	Prenatal diagnosis of total anomalous pulmonary venous connection by 2D and 3D fetal echocardiography. <i>Echocardiography</i> , 2017, 34, 1852-1857.	0.3	12
12	Characteristics of Cardiac Phenotype in Prenatal Familial Cases With <i>NONO</i> Mutations. <i>Circulation Genomic and Precision Medicine</i> , 2020, 13, e002847.	1.6	12
13	Application of spatio-temporal image correlation technology in the diagnosis of fetal cardiac abnormalities. <i>Experimental and Therapeutic Medicine</i> , 2013, 5, 1637-1642.	0.8	11
14	Persistent Left Superior Vena Cava Connected to the Coronary Sinus in the Fetus: Effects on Cardiac Structure and Flow Dynamics. <i>Pediatric Cardiology</i> , 2016, 37, 1085-1090.	0.6	11
15	Association between impaired renal function and stroke outcome in patients with versus without atrial fibrillation. <i>European Journal of Neurology</i> , 2018, 25, 1041-1048.	1.7	11
16	Dissection of the interventricular septum. <i>Medicine (United States)</i> , 2017, 96, e6191.	0.4	10
17	Segmentation of Five Components in Four Chamber View of Fetal Echocardiography. , 2020, , .		10
18	Assessment of the mitral valve coaptation zone with 2D and 3D transesophageal echocardiography before and after mitral valve repair. <i>Journal of Thoracic Disease</i> , 2018, 10, 283-290.	0.6	9

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19	Quantile Score: A New Reference System for Quantitative Fetal Echocardiography Based on a Large Multicenter Study. <i>Journal of the American Society of Echocardiography</i> , 2019, 32, 296-302.e5.	1.2	9
20	Prenatal diagnosis of Berry syndrome by fetal echocardiography: A report of four cases. <i>Echocardiography</i> , 2018, 35, 563-565.	0.3	8
21	Comparison of fetal echocardiogram with fetal cardiac autopsy findings in fetuses with congenital heart disease. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2019, 34, 1-7.	0.7	8
22	Phosphoproteome profiling revealed abnormally phosphorylated AMPK and ATF2 involved in glucose metabolism and tumorigenesis of GH-PAs. <i>Journal of Endocrinological Investigation</i> , 2019, 42, 137-148.	1.8	8
23	Expanding the phenotype associated with SMARCC2 variants: a fetus with tetralogy of Fallot. <i>BMC Medical Genomics</i> , 2022, 15, 40.	0.7	8
24	Genetic and Clinical Features of Heterotaxy in a Prenatal Cohort. <i>Frontiers in Genetics</i> , 2022, 13, 818241.	1.1	8
25	Cerebrovascular hemodynamics in fetuses with congenital heart disease. <i>Echocardiography</i> , 2017, 34, 1867-1871.	0.3	7
26	Fetal lung volume and pulmonary artery changes in congenital heart disease with decreased pulmonary blood flow: Quantitative ultrasound analysis. <i>Echocardiography</i> , 2018, 35, 85-89.	0.3	7
27	Prenatal Diagnosis of the Fetal Retroesophageal Left Brachiocephalic Vein: Case Series and Review of the Literature. <i>Journal of Ultrasound in Medicine</i> , 2020, 39, 397-405.	0.8	7
28	Common deletion variants causing protocadherin-1± deficiency contribute to the complex genetics of BAV and left-sided congenital heart disease. <i>Human Genetics and Genomics Advances</i> , 2021, 2, 100037.	1.0	7
29	Association of peak atrial longitudinal strain with atrial fibrillation recurrence in patients with chronic lung diseases following radiofrequency ablation. <i>Internal Medicine Journal</i> , 2018, 48, 851-859.	0.5	6
30	Ewing sarcoma/primitive neuro-ectodermal tumor of the urogenital system in children: a retrospective observational case series. <i>Journal of Pediatric Urology</i> , 2019, 15, 556.e1-556.e7.	0.6	6
31	Pulmonary hypoplasia in fetuses with congenital conotruncal defects. <i>Echocardiography</i> , 2017, 34, 1842-1851.	0.3	5
32	The prenatal diagnosis of aortopulmonary window by fetal echocardiography. <i>Echocardiography</i> , 2018, 35, 1835-1840.	0.3	5
33	Comparison of cardiac MRI with PET for assessment of myocardial viability in patients with coronary chronic total occlusion. <i>Clinical Radiology</i> , 2019, 74, 410.e1-410.e9.	0.5	5
34	Echocardiographic features of interventricular septal dissection in patients with Behçet's disease. <i>Echocardiography</i> , 2019, 36, 394-400.	0.3	5
35	Double-chambered left ventricle diagnosis by 2D and 3D echocardiography: From fetus to birth. <i>Echocardiography</i> , 2019, 36, 196-198.	0.3	5
36	Prenatal diagnosis of Marfan syndrome by fetal echocardiography: A case report and review of cardiovascular manifestations. <i>Echocardiography</i> , 2020, 37, 359-362.	0.3	5

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37	Quantification of late gadolinium enhancement cardiovascular MRI in patients with coronary artery chronic total occlusion. <i>Clinical Radiology</i> , 2020, 75, 643.e19-643.e26.	0.5	5
38	Low-frequency high-definition power Doppler in visualizing and defining fetal pulmonary venous connections. <i>Journal of Medical Ultrasonics</i> (2001), 2014, 41, 333-338.	0.6	4
39	Analysis of etiology, chromosome and prognosis for small left heart system development in 69 fetuses. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2016, 29, 493-503.	0.7	4
40	Echogenic intracardiac foci and fetal cardiac anomalies: A review of cases from a tertiary care center in China. <i>Journal of Clinical Ultrasound</i> , 2018, 46, 103-107.	0.4	4
41	Fetal retroesophageal left brachiocephalic vein with U-shaped vascular ring on four-dimensional color Doppler ultrasound. <i>Ultrasound in Obstetrics and Gynecology</i> , 2018, 51, 561-562.	0.9	4
42	Expanding the phenotype of <i>STR6</i> -related disorder to include left ventricular noncompaction. <i>Molecular Genetics &amp; Genomic Medicine</i> , 2020, 8, e1377.	0.6	4
43	A simple score for predicting renal artery stenosis in patients with ischemic heart disease. <i>International Journal of Clinical and Experimental Medicine</i> , 2015, 8, 4302-10.	1.3	4
44	Diverse cardiac phenotypes among different carriers of the same MYH7 splicing variant allele (c.732+1G>A) from a family. <i>BMC Medical Genomics</i> , 2022, 15, 36.	0.7	4
45	Genetic analysis and preimplantation genetic diagnosis of Chinese Marfan syndrome patients. <i>Journal of Genetics and Genomics</i> , 2019, 46, 319-323.	1.7	3
46	Postnatal Left Atrium Space Index in Fetuses With Total Anomalous Pulmonary Venous Connection and Other Congenital Heart Diseases. <i>Journal of Ultrasound in Medicine</i> , 2020, 39, 2405-2412.	0.8	3
47	Autopsy and postnatal follow-up of prenatally diagnosed ventricular outpouchings. <i>Prenatal Diagnosis</i> , 2020, 40, 681-688.	1.1	3
48	The Differential Diagnosis of Double Aortic Arch and Right Aortic Arch with Mirror-Image Branches in the Fetus: A Potential Novel Method. <i>Pediatric Cardiology</i> , 2021, 42, 1405-1409.	0.6	3
49	Detection of <i>TSC1</i> / <i>TSC2</i> mosaic variants in patients with cardiac rhabdomyoma and tuberous sclerosis complex by hybrid capture next-generation sequencing. <i>Molecular Genetics &amp; Genomic Medicine</i> , 2021, 9, e1802.	0.6	3
50	Case Report: Biventricular Noncompaction Cardiomyopathy With Pulmonary Stenosis and Bradycardia in a Fetus With <i>KCNH2</i> Mutation. <i>Frontiers in Genetics</i> , 2022, 13, 821226.	1.1	3
51	Ventricular septal rupture, right ventricular dissection, and tricuspid chordae rupture—A rare complication after inferior and right ventricular infarction. <i>Journal of Clinical Ultrasound</i> , 2015, 43, 512-515.	0.4	2
52	Generation of a NONO homozygous knockout human induced pluripotent stem cell line by CRISPR/Cas9 editing. <i>Stem Cell Research</i> , 2020, 47, 101893.	0.3	2
53	Treatment and follow-up of fetuses that developed congenital heart block due to autoantibody in two cases. <i>Journal of International Medical Research</i> , 2020, 48, 030006052092559.	0.4	2
54	Differential diagnosis of fetal large ventricular septal defect and tetralogy of Fallot based on big data analysis. <i>Echocardiography</i> , 2020, 37, 620-624.	0.3	2

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55	Fetal atrial appendage aneurysm: Prenatal diagnosis by echocardiography and prognosis. <i>Echocardiography</i> , 2021, 38, 1228-1234.	0.3	2
56	Retrograde flow in aortic isthmus in normal and fetal heart disease by principal component analysis and computational fluid dynamics. <i>Echocardiography</i> , 2022, 39, 166-177.	0.3	2
57	Comparison of prenatal ultrasound and postmortem findings in fetuses with common pulmonary vein atresia. <i>Echocardiography</i> , 2019, 36, 1153-1158.	0.3	1
58	Diagnosis of double-chambered left ventricle by echocardiogram and cardiac magnetic resonance imaging: A rare case in an adult. <i>Echocardiography</i> , 2020, 37, 368-369.	0.3	1
59	Fetal Ultrasonic Evaluation of Bronchial Morphology in Fetuses with Isomerism. <i>Fetal Diagnosis and Therapy</i> , 2021, 48, 641-650.	0.6	1
60	Prenatal diagnosis of isolation of aortic brachiocephalic artery. <i>Acta Radiologica</i> , 2021, , 028418512110582.	0.5	1
61	Right atrial cardiac rhabdomyoma with premature foramen ovale restriction: A case report. <i>Oncology Letters</i> , 2014, 8, 2553-2556.	0.8	0
62	Prenatal diagnosis of tetralogy of Fallot associated with pulmonary artery sling: Two case reports. <i>Echocardiography</i> , 2019, 36, 2114-2117.	0.3	0
63	Prenatal diagnosis of left-sided aortic arch, right descending aorta and right-sided ductus arteriosus associated with anomalous origin of left pulmonary artery from ascending aorta. <i>Echocardiography</i> , 2020, 37, 1506-1508.	0.3	0
64	Prevalence of myocardial viability and ischemic burden in chronic total occluded coronary artery disease. <i>European Heart Journal</i> , 2020, 41, .	1.0	0
65	Aberrant Mitral Valve Chord in the Left Atrium Causing Moderate Regurgitation. <i>European Heart Journal - Case Reports</i> , 2022, 6, ytac169.	0.3	0
66	Unusual mature teratomas in the right ventricle. <i>European Heart Journal Cardiovascular Imaging</i> , 0, , .	0.5	0