Heron Jr Werner

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Congenital Chest Malformations: A Multimodality Approach with Emphasis on Fetal MR Imaging. Radiographics, 2010, 30, 385-395.	3.3	62
2	Additive manufacturing models of fetuses built from threeâ€dimensional ultrasound, magnetic resonance imaging and computed tomography scan data. Ultrasound in Obstetrics and Gynecology, 2010, 36, 355-361.	1.7	59
3	Prenatal brain imaging in congenital toxoplasmosis. Prenatal Diagnosis, 2011, 31, 881-886.	2.3	51
4	Virtual bronchoscopy for evaluating cervical tumors of the fetus. Ultrasound in Obstetrics and Gynecology, 2013, 41, 90-94.	1.7	47
5	Intrauterine Zika virus infection and microcephaly: correlation of perinatal imaging and three-dimensional virtual physical models. Ultrasound in Obstetrics and Gynecology, 2016, 47, 657-660.	1.7	45
6	Neuroimaging findings of congenital Zika virus infection: a pictorial essay. Japanese Journal of Radiology, 2017, 35, 89-94.	2.4	44
7	Prenatal MRI of Congenital Abdominal and Chest Wall Defects. American Journal of Roentgenology, 2005, 184, 1010-1016.	2.2	42
8	Zika Virus Infection in Pregnant Women and Microcephaly. Revista Brasileira De Ginecologia E Obstetricia, 2017, 39, 235-248.	0.8	40
9	When Closure Fails: What the Radiologist Needs to Know About the Embryology, Anatomy, and Prenatal Imaging of Ventral Body Wall Defects. Seminars in Ultrasound, CT and MRI, 2015, 36, 522-536.	1.5	38
10	First-trimester intrauterine Zika virus infection and brain pathology: prenatal and postnatal neuroimaging findings. Prenatal Diagnosis, 2016, 36, 785-789.	2.3	36
11	Manufacturing Models of Fetal Malformations Built From 3-Dimensional Ultrasound, Magnetic Resonance Imaging, and Computed Tomography Scan Data. Ultrasound Quarterly, 2014, 30, 69-75.	0.8	34
12	Covid-19 and Pregnancy: An Overview. Revista Brasileira De Ginecologia E Obstetricia, 2020, 42, 420-426.	0.8	33
13	Physical model from 3D ultrasound and magnetic resonance imaging scan data reconstruction of lumbosacral myelomeningocele in a fetus with Chiari II malformation. Child's Nervous System, 2015, 31, 511-513.	1.1	31
14	Central Nervous System Effects of Intrauterine Zika Virus Infection: A Pictorial Review. Radiographics, 2017, 37, 1840-1850.	3.3	28
15	Prenatal diagnosis of tuberous sclerosis. Use of magnetic resonance imaging and its implications for prognosis. Prenatal Diagnosis, 1994, 14, 1151-1154.	2.3	27
16	The use of metaverse in fetal medicine and gynecology. European Journal of Radiology, 2022, 150, 110241.	2.6	26
17	Maternal–fetal attachment in blind women using physical model from three-dimensional ultrasound and magnetic resonance scan data: six serious cases. Journal of Maternal-Fetal and Neonatal Medicine, 2015, 29, 1-4.	1.5	24
18	Neuroimaging findings of postnatally acquired Zika virus infection: a pictorial essay. Japanese Journal of Radiology, 2017, 35, 341-349.	2.4	22

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19	Virtual bronchoscopy in the fetus. Ultrasound in Obstetrics and Gynecology, 2011, 37, 113-115.	1.7	21
20	Applicability of three-dimensional imaging techniques in fetal medicine. Radiologia Brasileira, 2016, 49, 281-287.	0.7	20
21	Prenatal imaging findings in fetal Zika virus infection. Current Opinion in Obstetrics and Gynecology, 2017, 29, 95-105.	2.0	20
22	A twin pregnancy with a hydatidiform mole and a coexisting live fetus: prenatal diagnosis, treatment, and follow-up. Journal of Ultrasonography: Official Publication of Polish Ultrasound Society / Red Nacz Iwona SudoÅ,-SzopiÅ,,ska, 2017, 17, 299-305.	1.2	20
23	The use of rapid prototyping didactic models in the study of fetal malformations. Ultrasound in Obstetrics and Gynecology, 2008, 32, 955-956.	1.7	18
24	Threeâ€dimensional virtual cystoscopy: Noninvasive approach for the assessment of urinary tract in fetuses with lower urinary tract obstruction. Prenatal Diagnosis, 2017, 37, 1350-1352.	2.3	18
25	Neuroimaging findings using transfontanellar ultrasound in newborns with microcephaly: a possible association with congenital Zika virus infection. Journal of Maternal-Fetal and Neonatal Medicine, 2019, 32, 493-501.	1.5	16
26	Combination of ultrasound, magnetic resonance imaging and virtual reality technologies to generate immersive threeâ€dimensional fetal images. Ultrasound in Obstetrics and Gynecology, 2017, 50, 271-272.	1.7	15
27	Neuroimaging Findings of Congenital Toxoplasmosis, Cytomegalovirus, and Zika Virus Infections: A Comparison of Three Cases. Journal of Obstetrics and Gynaecology Canada, 2017, 39, 1150-1155.	0.7	15
28	Prenatal diagnosis of Apert syndrome using ultrasound, magnetic resonance imaging, and three-dimensional virtual/physical models: three case series and literature review. Child's Nervous System, 2018, 34, 1563-1571.	1.1	14
29	Fetal neuroblastoma: ultrasonography and magnetic resonance imaging findings in the prenatal and postnatal IV-S stage. Obstetrics and Gynecology Science, 2016, 59, 407.	1.6	13
30	Prenatal diagnosis of cervical masses by magnetic resonance imaging and 3D virtual models: perinatal and long-term follow-up outcomes. Journal of Maternal-Fetal and Neonatal Medicine, 2020, 33, 2181-2189.	1.5	12
31	Plastic reconstruction of fetal anatomy using three-dimensional ultrasound and magnetic resonance imaging scan data in a giant cervical teratoma. Case report Medical Ultrasonography, 2015, 17, 252.	0.8	12
32	Zika virus and pregnancy in Brazil: What happened?. Journal of the Turkish German Gynecology Association, 2018, 19, 39-47.	0.6	12
33	Prenatal diagnosis and physical model reconstruction of agnathia–otocephaly with limb deformities (absent ulna, fibula and digits) following maternal exposure to oxymetazoline in the first trimester. Journal of Obstetrics and Gynaecology Research, 2016, 42, 1016-1020.	1.3	11
34	Brain MR Imaging of Patients with Perinatal Chikungunya Virus Infection. American Journal of Neuroradiology, 2020, 41, 174-177.	2.4	11
35	Evaluation of the fetal abdomen by magnetic resonance imaging. Part 1: malformations of the abdominal cavity. Radiologia Brasileira, 2018, 51, 112-118.	0.7	10
36	Evaluation of fetal nasal cavity in bilateral congenital dacryocystocele: 3D reconstruction and virtual navigation by magnetic resonance imaging. Ultrasound in Obstetrics and Gynecology, 2020, 55, 141-143.	1.7	10

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37	Visualisation of the vascular equator in twin-to-twin transfusion syndrome by virtual fetoscopy. Archives of Gynecology and Obstetrics, 2015, 292, 1183-1184.	1.7	9
38	Prenatal Diagnosis of Caroli Disease Associated With Autosomal Recessive Polycystic Kidney Disease by 3-D Ultrasound and Magnetic Resonance Imaging. Journal of Obstetrics and Gynaecology Canada, 2017, 39, 1176-1179.	0.7	9
39	The role of cine MR imaging in the assessment of uterine function. Archives of Gynecology and Obstetrics, 2019, 300, 545-553.	1.7	9
40	Applicability of Magnetic Resonance Imaging in the Assessment of Fetal Urinary Tract Malformations. Canadian Association of Radiologists Journal, 2019, 70, 83-95.	2.0	8
41	Three-dimensional reconstruction of fetal abnormalities using ultrasonography and magnetic resonance imaging. Journal of Maternal-Fetal and Neonatal Medicine, 2019, 32, 3502-3508.	1.5	8
42	Virtual bronchoscopy through the fetal airways in a case of cervical teratoma using magnetic resonance imaging data. Congenital Anomalies (discontinued), 2016, 56, 46-47.	0.6	7
43	3D Virtual Broncoscopy before FETO Procedure in a Fetus with Severe, Isolated Left Congenital Diaphragmatic Hernia. Fetal and Pediatric Pathology, 2018, 37, 134-139.	0.7	7
44	Author Response: Congenital Toxoplasmosis, Cytomegalovirus, and Zika Virus Infections: Emphasis on the Role of Neuroimaging in Screening, Prognostication, and Follow-Up. Journal of Obstetrics and Gynaecology Canada, 2018, 40, 13-14.	0.7	7
45	Threeâ€dimensional virtual traveling navigation and threeâ€dimensional printing models of a normal fetal heart using ultrasonography data. Prenatal Diagnosis, 2019, 39, 175-177.	2.3	7
46	Prenatal diagnosis of sirenomelia in the second trimester of pregnancy using two-dimensional ultrasound, three-dimensional ultrasound and magnetic resonance imaging. Radiologia Brasileira, 2017, 50, 201-202.	0.7	7
47	Physical models of the foetus created using magnetic resonance imaging, computed tomography, and ultrasound data: history, description, and potential uses. Revista Brasileira De Ginecologia E Obstetricia, 2015, 37, 149-151.	0.8	7
48	The human endosalpinx: anatomical three-dimensional study and reconstruction using confocal microtomography. Polish Journal of Radiology, 2019, 84, 281-288.	0.9	7
49	Monochorionic diamniotic quadruplet pregnancy: physical models from prenatal threeâ€dimensional ultrasound and magnetic resonance imaging data. Ultrasound in Obstetrics and Gynecology, 2017, 49, 812-814.	1.7	6
50	Perinatal outcomes of fetal intra-abdominal umbilical vein varix: a multicenter cohort study. Journal of Maternal-Fetal and Neonatal Medicine, 2021, 34, 3393-3396.	1.5	6
51	An interactive experiment combining ultrasound, magnetic resonance imaging, and force feedback technology to physically feel the fetus during pregnancy. European Journal of Radiology, 2019, 110, 128-129.	2.6	6
52	Assessment of rectovaginal endometriosis using threeâ€dimensional gelâ€infusion sonovaginography. Ultrasound in Obstetrics and Gynecology, 2019, 53, 558-560.	1.7	6
53	Tuboperitoneal fistula, ectopic pregnancy, and remnants of fallopian tube: a confocal microtomography analysis and 3D reconstruction of human fallopian tube pathologies. Journal of Maternal-Fetal and Neonatal Medicine, 2019, 32, 3082-3087.	1.5	6
54	Typical lesions in the fetal nervous system: correlations between fetal magnetic resonance imaging and obstetric ultrasonography findings. Ultrasonography, 2018, 37, 261-274.	2.3	6

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55	Avaliação do sistema nervoso central do feto e neonato. Radiologia Brasileira, 2012, 45, ν-vi.	0.7	6
56	Micro-CT in an ectopic pregnancy: New radiological and microscopical perspectives (and level) in the study of the Fallopian tube. European Journal of Radiology, 2018, 98, 171-173.	2.6	5
57	Evaluation of the fetal abdomen by magnetic resonance imaging. Part 2: abdominal wall defects and tumors. Radiologia Brasileira, 2018, 51, 187-192.	0.7	5
58	Zika Virus and Pregnancy: Association between Acute Infection and Microcephaly in Newborns in the State of Rio de Janeiro, Brazil. Geburtshilfe Und Frauenheilkunde, 2020, 80, 60-65.	1.8	5
59	Caroli's syndrome evaluated by ultrasound and magnetic resonance imaging during pregnancy. Ultrasound in Obstetrics and Gynecology, 2020, 56, 125-127.	1.7	5
60	Symmetric and ventrally conjoined twins: prenatal evaluation by ultrasound and magnetic resonance imaging and postnatal outcomes. Journal of Maternal-Fetal and Neonatal Medicine, 2021, 34, 1955-1962.	1.5	5
61	Pregnant, uninfected, stressed, and confined in the COVID-19 period: what can we expect in the near future?. Revista Da Associação Médica Brasileira, 2020, 66, 386-387.	0.7	5
62	Prenatal Diagnosis of Galen Vein Aneurysm Using Ultrasonography and Magnetic Resonance Imaging and Perinatal and Long-Term Neurological Outcomes: A Case Series. Revista Brasileira De Ginecologia E Obstetricia, 2017, 39, 309-314.	0.8	4
63	First-trimester diagnosis of conjoined twins in a multifetal pregnancy after assisted reproduction technique using HDlive rendering. Journal of Ultrasound, 2017, 20, 85-86.	1.3	4
64	Virtual three-dimensional placentoscopy: a new approach to assess residual anastomoses following laser photocoagulation in twin-to-twin transfusion syndrome. Journal of Maternal-Fetal and Neonatal Medicine, 2018, 31, 518-520.	1.5	4
65	The role of a novel magnetic resonance imaging sequence in the evaluation of the fetal skeleton: a pilot study. Radiologia Brasileira, 2018, 51, 303-307.	0.7	4
66	Prenatal diagnosis of suprarenal mass by magnetic resonance imaging: a case series. Journal of Maternal-Fetal and Neonatal Medicine, 2019, 32, 3882-3886.	1.5	4
67	Choledochal cyst theories going pearâ€shaped? Evolution of choledochal cyst during intrauterine life in a case evaluated using <scp>magnetic resonance imaging </scp> and postnatal outcomes. Journal of Obstetrics and Gynaecology Research, 2021, 47, 4456-4460.	1.3	4
68	Venolymphatic malformations: prenatal diagnosis using magnetic resonance imaging, perinatal outcomes and long-term follow-up. Pediatric Radiology, 2021, 51, 1243-1252.	2.0	4
69	Fetal MRI of the Chest. Medical Radiology, 2008, , 397-416.	0.1	4
70	MR Imaging of Fetal Musculoskeletal Disorders. Magnetic Resonance Imaging Clinics of North America, 2018, 26, 631-644.	1.1	3
71	Visualization of cervical pessary on threeâ€dimensional ultrasound. Ultrasound in Obstetrics and Gynecology, 2020, 55, 426-427.	1.7	3
72	Virtual navigation for the improvement of parents counseling and the planning of fetal endoscopic myelomeningocele repair. Child's Nervous System, 2021, 37, 969-972.	1.1	3

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73	Excessive Prenatal Supplementation of Iodine and Fetal Goiter: Report of Two Cases Using Three-dimensional Ultrasound and Magnetic Resonance Imaging. Revista Brasileira De Ginecologia E Obstetricia, 2021, 43, 317-322.	0.8	3
74	Three-dimensional virtual reconstruction of a patch after fetal endoscopic surgery for myelomeningocele. Child's Nervous System, 2021, 37, 2131-2132.	1.1	3
75	O valor da ultra-sonografia e da ressonância magnética fetal na avaliação das hérnias diafragmáticas. Radiologia Brasileira, 2008, 41, 1-6.	0.7	3
76	Congenital duodenal stenosis: Prenatal evaluation by three-dimensional ultrasound HDlive silhouette mode, magnetic resonance imaging, and postnatal outcomes. Journal of Medical Ultrasound, 2019, 27, 151.	0.4	3
77	Fetal skeletal dysplasias: a new way to look at them. Radiologia Brasileira, 2020, 53, 112-113.	0.7	3
78	Placenta accreta: Virtual reality from <scp>3D</scp> images of magnetic resonance imaging. Journal of Clinical Ultrasound, 2022, 50, 119-120.	0.8	3
79	Antenatal Diagnosis of Parapagus Conjoined Twins: 3D Virtual and 3D Physical Models. Revista Brasileira De Ginecologia E Obstetricia, 2021, 43, 985-987.	0.8	3
80	Antenatal Diagnosis of a Large Immature Abdominal Wall Teratoma by 2D-3D Ultrasound Using HDlive and Magnetic Resonance Imaging. Fetal and Pediatric Pathology, 2016, 35, 434-441.	0.7	2
81	Prenatal Phenotype of Down Syndrome Using 3-D Virtual Reality. Journal of Obstetrics and Gynaecology Canada, 2017, 39, 886-889.	0.7	2
82	3-D Virtual Reconstruction of a Large Amniocele With Protrusion of Legs and Umbilical Cord Following Asymptomatic Uterine Rupture. Journal of Obstetrics and Gynaecology Canada, 2018, 40, 75-77.	0.7	2
83	Congenital High Airway Obstruction Syndrome (CHAOS): Virtual Navigation in the Fetal Airways After Intrauterine Endoscopic Treatment. Journal of Obstetrics and Gynaecology Canada, 2020, 43, 879-883.	0.7	2
84	Dynamic study by magnetic resonance imaging in evaluation of fetal esophageal atresia. Ultrasound in Obstetrics and Gynecology, 2020, 56, 949-951.	1.7	2
85	Cuttingâ€edge <scp>3D</scp> image obtained through fusion of three imaging technologies. Ultrasound in Obstetrics and Gynecology, 2021, 57, 354-355.	1.7	2
86	Craniopagus twin: pre- and post-natal 3-dimensional virtual and physical models and virtual navigation created with free or open source software—an option for low-resource centers. Child's Nervous System, 2021, 37, 2651-2655.	1.1	2
87	Virtual hysterosalpingography: A new non-invasive tool for the assessment of uterine cavity and fallopian tubes. European Journal of Radiology, 2021, 139, 109688.	2.6	2
88	Omphalopagus in a Dichorionic Diamniotic Triplet Pregnancy: Prenatal and Postnatal 3D Models and Virtual Reality. Journal of Obstetrics and Gynaecology Canada, 2021, , .	0.7	2
89	Combination of Non Invasive Medical Imaging Technologies and Virtual Reality Systems to Generate Immersive Fetal 3D Visualizations. Lecture Notes in Computer Science, 2016, , 92-99.	1.3	2
90	Virtual hysteroscopy: a new non invasive approach for the assessment of uterine cavity. Medical Ultrasonography, 2017, 19, 216.	0.8	2

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91	Prenatal Diagnosis of Proximal Femoral Focal Deficiency Combining Ultrasound and Computer Tomography. Advances in Computed Tomography, 2013, 02, 102-106.	0.3	2
92	Three-Dimensional Models and Simulation Tools Enabling Interaction and Immersion in Medical Education. Lecture Notes in Computer Science, 2015, , 662-671.	1.3	2
93	Proportional vascularization along the fallopian tubes and ovarian fimbria: assessment by confocal microtomography. Radiologia Brasileira, 2020, 53, 161-166.	0.7	2
94	Fallopian tube vascularization observed by microfocus computed tomography. Radiologia Brasileira, 2020, 53, 36-37.	0.7	2
95	Correlação entre os achados ultra-sonográficos e de ressonância magnética no teratoma sacrococcÃgeo fetal. Radiologia Brasileira, 2008, 41, 163-166.	0.7	1
96	OP05.03: Congenital toxoplasmosis: prenatal imaging as demonstrated by neurosonography and MRI. Ultrasound in Obstetrics and Gynecology, 2010, 36, 65-65.	1.7	1
97	Additive Manufactured Models of Fetuses Built from 3D Ultrasound, Magnetic Resonance Imaging and Computed Tomography Scan Data. , 2011, , .		1
98	3D-Printed Models Applied in Medical Research Studies. , 0, , .		1
99	A Proposal for Combining Ultrasound, Magnetic Resonance Imaging and Force Feedback Technology, During the Pregnancy, to Physically Feel the Fetus. Lecture Notes in Computer Science, 2018, , 502-512.	1.3	1
100	Prenatal Diagnosis of Jejunal Atresia by 3-D Ultrasonography and MRI. Journal of Obstetrics and Gynaecology Canada, 2019, 41, 1529-1530.	0.7	1
101	Treatment of Acute Toxoplasmosis in Pregnancy: Influence in the Mother-to-Child Transmission. Journal of Obstetrics and Gynaecology Canada, 2020, 42, 1505-1510.	0.7	1
102	Intrahepatic bile ductal ectasia in autosomal recessive polycystic kidney disease evaluated by fetal magnetic resonance imaging: a more frequent complication. Journal of Maternal-Fetal and Neonatal Medicine, 2022, 35, 4424-4426.	1.5	1
103	Maternal-fetal physical model: image fusion obtained by white light scanner and magnetic resonance imaging. Journal of Maternal-Fetal and Neonatal Medicine, 2020, , 1-5.	1.5	1
104	Fetal Cervical Lymphangioma: Magnetic Resonance Imaging and Three-Dimensional Reconstruction Modelling. Journal of Obstetrics and Gynaecology Canada, 2022, 44, 1117-1118.e1.	0.7	1
105	Fetal epignathus: texture beyond surface of tissues using threeâ€dimensional reconstruction models from ultrasound and magnetic resonance imaging scan data. Ultrasound in Obstetrics and Gynecology, 2021, 58, 789-791.	1.7	1
106	Intrauterine Zika virus infection: review of the current findings with emphasis in the prenatal and postnatal brain imaging diagnostic methods. Journal of Maternal-Fetal and Neonatal Medicine, 2022, 35, 6062-6068.	1.5	1
107	Pre and postnatal diagnosis of a third branchial cleft cyst by sonography and magnetic resonance imaging with threeâ€dimensional virtual reconstruction. Journal of Clinical Ultrasound, 2021, 49, 966-968.	0.8	1
108	O valor da ultra-sonografia e da ressonância magnética fetal na avaliação das hérnias diafragmáticas. Radiologia Brasileira, 2008, 41, VII-VIII.	0.7	1

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109	Zika virus infection. Radiologia Brasileira, 2019, 52, IX-X.	0.7	1
110	Fetal ultrasound estimated weight and correlation to Brazilian newborn weight. Journal of Ultrasonography: Official Publication of Polish Ultrasound Society / Red Nacz Iwona SudoÅ,-SzopiÅ"ska, 2020, 20, e106-e110.	1.2	1
111	Virtual segmentation of threeâ€dimensional ultrasound images of morphological structures of an ex vivo ectopic pregnancy inside a fallopian tube. Journal of Clinical Ultrasound, 2022, 50, 535-539.	0.8	1
112	Renovascular Hypertension and Washout Urography. Acta Radiologica: Diagnosis, 1966, 4, 145-154.	0.4	0
113	OP37.02: A comparison of 3D ultrasound and magnetic resonance imaging in 25 fetuses with suspected anomalies. Ultrasound in Obstetrics and Cynecology, 2011, 38, 162-162.	1.7	Ο
114	Fetal MR Imaging of the Chest. Medical Radiology, 2013, , 157-172.	0.1	0
115	Cover Image, Volume 36, Issue 8. Prenatal Diagnosis, 2016, 36, i-i.	2.3	0
116	3D Virtual Model Reconstruction by 3D Ultrasound Volume Data Sets in a Case of Prenatally Diagnosed Agnathia/Otocephaly Complex Associated with Multiple Congenital Anomalies. , 2017, , 195-198.		0
117	Diagnostic prénatal de l'atrésie jéjunale par échographie 3D et IRM. Journal of Obstetrics and Gynaecology Canada, 2019, 41, 1531-1532.	0.7	Ο
118	Coronavirus and pregnancy: How can three-dimensional printing laboratories help?. Journal of Maternal-Fetal and Neonatal Medicine, 2020, , 1-2.	1.5	0
119	Case study: Magnetic resonance imaging and babies with Zika virus infection. , 2021, , 185-192.		Ο
120	Fetal virtual bronchoscopy in bronchial atresia: correlation with postnatal bronchoscopy. Ultrasound in Obstetrics and Gynecology, 2022, 59, 693-695.	1.7	0
121	Magnetic resonance imaging use in detecting neurological abnormalities in Zika virus infection. , 2021, , 215-230.		Ο
122	Good practices for ultrasound examinations in gynecology and obstetrics during the COVID-19 pandemic. Revista Brasileira De Ginecologia E Obstetricia, 2021, 43, 074-080.	0.8	0
123	IODINE CONTRAST IN HUMAN GYNECOLOGICAL SPECIMENS ANALYZED BY MICROTOMOGRAPHY. , 0, , .		Ο
124	A new way to look at multiples: the power of image. , 2020, , 244-265.		0
125	Concomitant fetal duodenal and esophageal atresia: threeâ€dimensional reconstruction from magnetic resonance imaging. Ultrasound in Obstetrics and Gynecology, 2022, 59, 277-278.	1.7	0
126	Fallopian tube: Threeâ€dimensional reconstruction and virtual navigation using microtomography. Journal of Clinical Ultrasound, 2022, 50, 852-853.	0.8	0