

Judy A Estroff

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10688234/publications.pdf>

Version: 2024-02-01

63
papers

2,600
citations

257450

24
h-index

206112

48
g-index

63
all docs

63
docs citations

63
times ranked

2406
citing authors

#	ARTICLE	IF	CITATIONS
1	Robust Super-Resolution Volume Reconstruction From Slice Acquisitions: Application to Fetal Brain MRI. IEEE Transactions on Medical Imaging, 2010, 29, 1739-1758.	8.9	275
2	A normative spatiotemporal MRI atlas of the fetal brain for automatic segmentation and analysis of early brain growth. Scientific Reports, 2017, 7, 476.	3.3	217
3	Percent predicted lung volumes as measured on fetal magnetic resonance imaging: a useful biometric parameter for risk stratification in congenital diaphragmatic hernia. Journal of Pediatric Surgery, 2007, 42, 193-197.	1.6	187
4	Bronchial atresia: the hidden pathology within a spectrum of prenatally diagnosed lung masses. Journal of Pediatric Surgery, 2006, 41, 61-65.	1.6	148
5	Bronchial Atresia is Common to Extralobar Sequestration, Intralobar Sequestration, Congenital Cystic Adenomatoid Malformation, and Lobar Emphysema. Pediatric and Developmental Pathology, 2006, 9, 361-373.	1.0	138
6	Large fetal congenital cystic adenomatoid malformations: growth trends and patient survival. Journal of Pediatric Surgery, 2007, 42, 404-410.	1.6	99
7	Maternal CD4 ⁺ T cells protect against severe congenital cytomegalovirus disease in a novel nonhuman primate model of placental cytomegalovirus transmission. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 13645-13650.	7.1	90
8	Diagnosis of inferior vermian hypoplasia by fetal magnetic resonance imaging: Potential pitfalls and neurodevelopmental outcome. American Journal of Obstetrics and Gynecology, 2006, 194, 1070-1076.	1.3	86
9	How Accurately Does Current Fetal Imaging Identify Posterior Fossa Anomalies?. American Journal of Roentgenology, 2008, 190, 1637-1643.	2.2	83
10	Multi-atlas multi-shape segmentation of fetal brain MRI for volumetric and morphometric analysis of ventriculomegaly. NeuroImage, 2012, 60, 1819-1831.	4.2	74
11	Fetal Lung Volume Measurements: Determination with MR Imaging—Effect of Various Factors. Radiology, 2006, 240, 187-193.	7.3	67
12	Fetal brain volumetry through MRI volumetric reconstruction and segmentation. International Journal of Computer Assisted Radiology and Surgery, 2011, 6, 329-339.	2.8	62
13	Imaging of congenital diaphragmatic hernias. Pediatric Radiology, 2009, 39, 1-16.	2.0	58
14	Ultrasonographic Patterns of Reproductive Organs in Infants Fed Soy Formula: Comparisons to Infants Fed Breast Milk and Milk Formula. Journal of Pediatrics, 2010, 156, 215-220.	1.8	55
15	Temporal slice registration and robust diffusion-tensor reconstruction for improved fetal brain structural connectivity analysis. NeuroImage, 2017, 156, 475-488.	4.2	54
16	Fetal Surgery in Otolaryngology. JAMA Otolaryngology, 2005, 131, 393.	1.2	52
17	Human Fetal Compensatory Renal Growth. Journal of Urology, 1993, 150, 790-792.	0.4	51
18	Real-time automatic fetal brain extraction in fetal MRI by deep learning. , 2018, , .		50

#	ARTICLE	IF	CITATIONS
19	Prenatally Diagnosed Bilateral Hyperechoic Kidneys With Normal Amniotic Fluid: Postnatal Outcome. <i>Journal of Urology</i> , 1995, 153, 442-444.	0.4	49
20	Regional Brain Growth Trajectories in Fetuses with Congenital Heart Disease. <i>Annals of Neurology</i> , 2021, 89, 143-157.	5.3	49
21	Teratoma of the neonatal head and neck: A 41-year experience. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2017, 97, 66-71.	1.0	46
22	Frequency and Cause of Disagreements in Diagnoses for Fetuses Referred for Ventriculomegaly. <i>Radiology</i> , 2008, 247, 516-527.	7.3	40
23	Construction of a Deformable Spatiotemporal MRI Atlas of the Fetal Brain: Evaluation of Similarity Metrics and Deformation Models. <i>Lecture Notes in Computer Science</i> , 2014, 17, 292-299.	1.3	32
24	Prenatally Diagnosed Clubfeet. <i>Journal of Pediatric Orthopaedics</i> , 2010, 30, 606-611.	1.2	28
25	Outcome of Fetuses With Cerebral Ventriculomegaly and Septum Pellucidum Leaflet Abnormalities. <i>American Journal of Roentgenology</i> , 2011, 196, W83-W92.	2.2	28
26	Imaging features and prognostic factors in fetal and postnatal torcular dural sinus malformations, part II: synthesis of the literature and patient management. <i>Journal of NeuroInterventional Surgery</i> , 2018, 10, 471-475.	3.3	24
27	Fetal imaging of central nervous system abnormalities. <i>Neuroimaging Clinics of North America</i> , 2004, 14, 293-306.	1.0	23
28	Magnetic Resonance Volumetric Assessments of Brains in Fetuses With Ventriculomegaly Correlated to Outcomes. <i>Journal of Ultrasound in Medicine</i> , 2011, 30, 595-603.	1.7	22
29	Normative biometrics for fetal ocular growth using volumetric MRI reconstruction. <i>Prenatal Diagnosis</i> , 2015, 35, 400-408.	2.3	22
30	An algorithm for predicting Robin sequence from fetal <sc>MRI</sc>. <i>Prenatal Diagnosis</i> , 2018, 38, 357-364.	2.3	22
31	Ultrasound and MRI of Fetuses With Ventriculomegaly: Can Cortical Development Be Used to Predict Postnatal Outcome?. <i>American Journal of Roentgenology</i> , 2011, 196, 1457-1467.	2.2	21
32	Prenatal imaging throughout gestation in Beckwith-Wiedemann syndrome. <i>Prenatal Diagnosis</i> , 2019, 39, 792-795.	2.3	20
33	Imaging features and prognostic factors in fetal and postnatal torcular dural sinus malformations, part I: review of experience at Boston Children's Hospital. <i>Journal of NeuroInterventional Surgery</i> , 2018, 10, 467-470.	3.3	19
34	Prenatal Imaging of Craniosynostosis Syndromes. <i>Seminars in Ultrasound, CT and MRI</i> , 2015, 36, 453-464.	1.5	17
35	Pathogenesis of Cleft Palate in Robin Sequence: Observations From Prenatal Magnetic Resonance Imaging. <i>Journal of Oral and Maxillofacial Surgery</i> , 2018, 76, 1058-1064.	1.2	17
36	Magnetic Resonance Imaging for Detection of Brain Abnormalities in Fetuses with Cleft Lip and/or Cleft Palate. <i>Cleft Palate-Craniofacial Journal</i> , 2011, 48, 619-622.	0.9	16

#	ARTICLE	IF	CITATIONS
37	US assessment of estrogen-responsive organ growth among healthy term infants: piloting methods for assessing estrogenic activity. <i>Pediatric Radiology</i> , 2011, 41, 633-642.	2.0	16
38	Prenatal Features Predictive of Robin Sequence Identified by Fetal Magnetic Resonance Imaging. <i>Plastic and Reconstructive Surgery</i> , 2016, 137, 999e-1006e.	1.4	16
39	Prenatal diagnosis and assessment of congenital spinal anomalies: Review for prenatal counseling. <i>World Journal of Orthopedics</i> , 2016, 7, 406.	1.8	15
40	3D Super-Resolution Motion-Corrected MRI: Validation of Fetal Posterior Fossa Measurements. <i>Journal of Neuroimaging</i> , 2016, 26, 539-544.	2.0	15
41	Is Abdominal Sonography a Useful Adjunct to Abdominal Radiography in Evaluating Neonates with Suspected Necrotizing Enterocolitis?. <i>Journal of the American College of Surgeons</i> , 2020, 230, 903-911e2.	0.5	15
42	Ocular Ultrasound. <i>Journal of Ultrasound in Medicine</i> , 2022, 41, 1609-1622.	1.7	15
43	Fetal lung apparent diffusion coefficient measurement using diffusion-weighted MRI at 3 Tesla: Correlation with gestational age. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 44, 1650-1655.	3.4	14
44	The Distended Fetal Hypopharynx: A Sensitive and Novel Sign for the Prenatal Diagnosis of Esophageal Atresia. <i>Journal of Pediatric Surgery</i> , 2018, 53, 1137-1141.	1.6	14
45	Percent predicted lung volume changes on fetal magnetic resonance imaging throughout gestation in congenital diaphragmatic hernia. <i>Journal of Pediatric Surgery</i> , 2017, 52, 933-937.	1.6	13
46	Micrognathia and Oropharyngeal Space in Patients With Robin Sequence: Prenatal MRI Measurements. <i>Journal of Oral and Maxillofacial Surgery</i> , 2018, 76, 408-415.	1.2	13
47	The growing role of MR imaging in the fetus. <i>Pediatric Radiology</i> , 2009, 39, 209-210.	2.0	11
48	Monozygotic Twins With Trisomy 21 and Partial Agenesis of the Corpus Callosum. <i>Pediatric Neurology</i> , 2013, 48, 314-316.	2.1	10
49	Prospective Evaluation of a Prenatal Sonographic Clubfoot Classification System. <i>Fetal Diagnosis and Therapy</i> , 2013, 34, 236-240.	1.4	10
50	A template-to-slice block matching approach for automatic localization of brain in fetal MRI. , 2015, , .		10
51	Can Robin Sequence Be Predicted From Prenatal Ultrasonography?. <i>Journal of Oral and Maxillofacial Surgery</i> , 2020, 78, 612-618.	1.2	10
52	Optimal Method for Fetal Brain Age Prediction Using Multiplanar Slices From Structural Magnetic Resonance Imaging. <i>Frontiers in Neuroscience</i> , 2021, 15, 714252.	2.8	9
53	Fetal Echoplanar Imaging. <i>Topics in Magnetic Resonance Imaging</i> , 2019, 28, 245-254.	1.2	8
54	In Utero Glossoptosis in Fetuses With Robin Sequence. <i>Cleft Palate-Craniofacial Journal</i> , 2018, 55, 562-567.	0.9	7

#	ARTICLE	IF	CITATIONS
55	Prenatal Diagnosis of Congenital Epulis: Implications for Delivery. <i>Journal of Ultrasound in Medicine</i> , 2017, 36, 449-451.	1.7	6
56	Imaging clues in the prenatal diagnosis of syndromes and aneuploidy. <i>Pediatric Radiology</i> , 2012, 42, 5-23.	2.0	5
57	Abdominal ultrasound findings contribute to a multivariable predictive risk score for surgical necrotizing enterocolitis: A pilot study. <i>American Journal of Surgery</i> , 2021, 222, 1034-1039.	1.8	5
58	Fetal Neuroimaging Updates. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2021, 29, 557-581.	1.1	5
59	Fetal MRI. , 0, , 9-25.		5
60	Prenatal diagnosis and imaging of genetic syndromes. <i>Seminars in Roentgenology</i> , 2004, 39, 323-335.	0.6	4
61	Constant inhibition in congenital lower extremity shortening: does it begin in utero?. <i>Pediatric Radiology</i> , 2018, 48, 1451-1462.	2.0	4
62	Genetic diagnoses and associated anomalies in fetuses prenatally diagnosed with esophageal atresia. <i>American Journal of Medical Genetics, Part A</i> , 2020, 182, 1890-1895.	1.2	2
63	OEIS Syndrome: Omphalocele, Exstrophy of the Cloaca, Imperforate Anus, and Spinal Defects. <i>NeoReviews</i> , 2021, 22, e709-e718.	0.8	2