

Helen Feltovich

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/145288/publications.pdf>

Version: 2024-02-01

31
papers

779
citations

758635

12
h-index

794141

19
g-index

34
all docs

34
docs citations

34
times ranked

762
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of routine cervical length screening in selected high- and low-risk women for preterm birth prevention. American Journal of Obstetrics and Gynecology, 2016, 215, B2-B7.	0.7	171
2	The mechanical role of the cervix in pregnancy. Journal of Biomechanics, 2015, 48, 1511-1523.	0.9	169
3	Cervical etiology of spontaneous preterm birth. Seminars in Fetal and Neonatal Medicine, 2016, 21, 106-112.	1.1	102
4	Cervical elastography during pregnancy: a critical review of current approaches with a focus on controversies and limitations. Journal of Medical Ultrasonics (2001), 2016, 43, 493-504.	0.6	60
5	Quantitative Ultrasound Assessment of Cervical Microstructure. Ultrasonic Imaging, 2010, 32, 131-142.	1.4	55
6	New techniques in evaluation of the cervix. Seminars in Perinatology, 2017, 41, 477-484.	1.1	33
7	Detection of Changes in Cervical Softness Using Shear Wave Speed in Early versus Late Pregnancy: An in Vivo Cross-Sectional Study. Ultrasound in Medicine and Biology, 2018, 44, 515-521.	0.7	30
8	Cervical Evaluation. Obstetrics and Gynecology, 2017, 130, 51-63.	1.2	26
9	Pregnant people deserve the protection offered by SARS-CoV-2 vaccines. Vaccine, 2021, 39, 171-172.	1.7	23
10	Quantitative assessment of cervical softening during pregnancy with shear wave elasticity imaging: an <i>in vivo</i> longitudinal study. Interface Focus, 2019, 9, 20190030.	1.5	20
11	Assessment of Structural Heterogeneity and Viscosity in the Cervix Using Shear Wave Elasticity Imaging: Initial Results from a Rhesus Macaque Model. Ultrasound in Medicine and Biology, 2017, 43, 790-803.	0.7	17
12	Quantitative Ultrasound Biomarkers Based on Backscattered Acoustic Power: Potential for Quantifying Remodeling of the Human Cervix during Pregnancy. Ultrasound in Medicine and Biology, 2019, 45, 429-439.	0.7	17
13	Anisotropy and Spatial Heterogeneity in Quantitative Ultrasound Parameters: Relevance to the Study of the Human Cervix. Ultrasound in Medicine and Biology, 2018, 44, 1493-1503.	0.7	12
14	Longitudinal ultrasonic dimensions and parametric solid models of the gravid uterus and cervix. PLoS ONE, 2021, 16, e0242118.	1.1	10
15	Innovative Methods of Cervical Assessment and Potential for Novel Treatment. Clinical Obstetrics and Gynecology, 2014, 57, 531-536.	0.6	8
16	Labour and delivery: a clinician's perspective on a biomechanics problem. Interface Focus, 2019, 9, 20190032.	1.5	7
17	Quantitative Ultrasound Parameters Based on the Backscattered Echo Power Signal as Biomarkers of Cervical Remodeling: A Longitudinal Study in the Pregnant Rhesus Macaque. Ultrasound in Medicine and Biology, 2019, 45, 1466-1474.	0.7	5
18	Quantitative Ultrasound Detects Smooth Muscle Activity at the Cervical Internal Os in Vitro. Ultrasound in Medicine and Biology, 2020, 46, 149-155.	0.7	5

#	ARTICLE	IF	CITATIONS
19	Quantitative ultrasound backscatter parameters in the human cervix. , 2014, , .		4
20	Cervical Length Ultrasound for the Evaluation of Preterm Labor: A Survey of National Use and Review of Evidence. American Journal of Perinatology, 2022, , .	0.6	2
21	Quantitative ultrasound for evaluating human cervical microstructure. , 2009, , .		1
22	Registration of multiphoton optical images of cervical tissue to quantitative ultrasound data. , 2012, , .		1
23	Deep Learning Based Quantitative Uncertainty Estimation for Ultrasound Shear Wave Elasticity Imaging. , 2021, , .		1
24	A summary measure of backscatter anisotropy in the non-pregnant cervix. , 2013, , .		0
25	Biological and spatial variability of backscatter coefficient parameters in the ex vivo human uterine cervix. , 2017, , .		0
26	Notice of Removal: Backscattered power anisotropy throughout non-human primate pregnancy. , 2017, , .		0
27	Biological and spatial variability of backscatter coefficient parameters in the ex vivo human uterine cervix. , 2017, , .		0
28	Notice of Removal: Biological factors affecting shear wave speed measurements in the Rhesus macaque non-pregnant cervix. , 2017, , .		0
29	Notice of Removal: Biological and experimental factors affecting the assessment of cervical softening during pregnancy with shear wave elasticity imaging. , 2017, , .		0
30	Temporal Correlations Between Cervical Smooth Muscle Force Generation and Acoustic Backscatter Coefficient Parameters. , 2018, , .		0
31	The cervix: is last century's paradigm more fitting than today's?. BJOG: an International Journal of Obstetrics and Gynaecology, 2019, 126, 544-544.	1.1	0