

Helen Feltovich

List of Publications by Year in descending order

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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	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
2	Pregnant people deserve the protection offered by SARS-CoV-2 vaccines. Vaccine, 2021, 39, 171-172.	1.7	23
3	Longitudinal ultrasonic dimensions and parametric solid models of the gravid uterus and cervix. PLoS ONE, 2021, 16, e0242118.	1.1	10
4	Deep Learning Based Quantitative Uncertainty Estimation for Ultrasound Shear Wave Elasticity Imaging. , 2021, , .		1
5	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
6	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
7	Labour and delivery: a clinician's perspective on a biomechanics problem. Interface Focus, 2019, 9, 20190032.	1.5	7
8	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
9	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
10	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
11	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
12	Detection of Changes in Cervical Softness Using Shear Wave Speed in Early versus Late Pregnancy: An <i>In Vivo</i> Cross-Sectional Study. Ultrasound in Medicine and Biology, 2018, 44, 515-521.	0.7	30
13	Temporal Correlations Between Cervical Smooth Muscle Force Generation and Acoustic Backscatter Coefficient Parameters. , 2018, , .		0
14	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
15	Cervical Evaluation. Obstetrics and Gynecology, 2017, 130, 51-63.	1.2	26
16	New techniques in evaluation of the cervix. Seminars in Perinatology, 2017, 41, 477-484.	1.1	33
17	Biological and spatial variability of backscatter coefficient parameters in the <i>ex vivo</i> human uterine cervix. , 2017, , .		0
18	Notice of Removal: Backscattered power anisotropy throughout non-human primate pregnancy. , 2017, , .		0

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19	Biological and spatial variability of backscatter coefficient parameters in the ex vivo human uterine cervix. , 2017, , .		0
20	Notice of Removal: Biological factors affecting shear wave speed measurements in the Rhesus macaque non-pregnant cervix. , 2017, , .		0
21	Notice of Removal: Biological and experimental factors affecting the assessment of cervical softening during pregnancy with shear wave elasticity imaging. , 2017, , .		0
22	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
23	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
24	Cervical etiology of spontaneous preterm birth. Seminars in Fetal and Neonatal Medicine, 2016, 21, 106-112.	1.1	102
25	The mechanical role of the cervix in pregnancy. Journal of Biomechanics, 2015, 48, 1511-1523.	0.9	169
26	Quantitative ultrasound backscatter parameters in the human cervix. , 2014, , .		4
27	Innovative Methods of Cervical Assessment and Potential for Novel Treatment. Clinical Obstetrics and Gynecology, 2014, 57, 531-536.	0.6	8
28	A summary measure of backscatter anisotropy in the non-pregnant cervix. , 2013, , .		0
29	Registration of multiphoton optical images of cervical tissue to quantitative ultrasound data. , 2012, , .		1
30	Quantitative Ultrasound Assessment of Cervical Microstructure. Ultrasonic Imaging, 2010, 32, 131-142.	1.4	55
31	Quantitative ultrasound for evaluating human cervical microstructure. , 2009, , .		1