

# Adriana Gregory

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Automated and real-time segmentation of suspicious breast masses using convolutional neural network. PLoS ONE, 2018, 13, e0195816.	2.5	78
2	Viscoelastic parameters as discriminators of breast masses: Initial human study results. PLoS ONE, 2018, 13, e0205717.	2.5	44
3	Correlating Tumor Stiffness with Immunohistochemical Subtypes of Breast Cancers: Prognostic Value of Comb-Push Ultrasound Shear Elastography for Differentiating Luminal Subtypes. PLoS ONE, 2016, 11, e0165003.	2.5	39
4	Effect of Calcifications on Breast Ultrasound Shear Wave Elastography: An Investigational Study. PLoS ONE, 2015, 10, e0137898.	2.5	32
5	Correlation of ultrasound bladder vibrometry assessment of bladder compliance with urodynamic study results. PLoS ONE, 2017, 12, e0179598.	2.5	32
6	Diagnostic features of quantitative comb-push shear elastography for breast lesion differentiation. PLoS ONE, 2017, 12, e0172801.	2.5	29
7	Differentiation of Benign and Malignant Thyroid Nodules by Using Comb-push Ultrasound Shear Elastography. Academic Radiology, 2018, 25, 1388-1397.	2.5	26
8	Viscoelastic biomarker for differentiation of benign and malignant breast lesion in ultra- low frequency range. Scientific Reports, 2019, 9, 5737.	3.3	22
9	Non-contrast agent based small vessel imaging of human thyroid using motion corrected power Doppler imaging. Scientific Reports, 2018, 8, 15318.	3.3	20
10	Automated <i>In Vivo</i> Sub-Hertz Analysis of Viscoelasticity (SAVE) for Evaluation of Breast Lesions. IEEE Transactions on Biomedical Engineering, 2018, 65, 2237-2247.	4.2	18
11	Unambiguous Identification and Visualization of an Acoustically Active Catheter by Ultrasound Imaging in Real Time: Theory, Algorithm, and Phantom Experiments. IEEE Transactions on Biomedical Engineering, 2018, 65, 1468-1475.	4.2	12
12	Ultrasound shear wave elastography for measuring intracompartmental pressure of compartment syndrome using a turkey hind limb model. Journal of Biomechanics, 2020, 98, 109427.	2.1	11
13	Predictive value of comb-push ultrasound shear elastography for the differentiation of reactive and metastatic axillary lymph nodes: A preliminary investigation. PLoS ONE, 2020, 15, e0226994.	2.5	5
14	How calcifications affect shear wave speed estimations? An experimental study. , 2015, , .		0
15	Acoustoelasticity modeling of bladder tissue nonlinearity: Ex vivo study. , 2017, , .		0