

# Jonathon W Homeister

## List of Publications by Year in descending order

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15  
papers

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citations

1478505

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1872680

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#	ARTICLE	IF	CITATIONS
1	Non-invasive inÂVivo Characterization of Human Carotid Plaques with Acoustic Radiation Force Impulse Ultrasound: Comparison with Histology after Endarterectomy. <i>Ultrasound in Medicine and Biology</i> , 2015, 41, 685-697.	1.5	66
2	Performance of acoustic radiation force impulse ultrasound imaging for carotid plaque characterization with histologic validation. <i>Journal of Vascular Surgery</i> , 2017, 66, 1749-1757.e3.	1.1	25
3	Delineation of Human Carotid Plaque Features &lt;italic>In Vivo&lt;/italic> by Exploiting Displacement Variance. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2019, 66, 481-492.	3.0	21
4	Acoustic radiation force beam sequence performance for detection and material characterization of atherosclerotic plaques: preclinical, ex vivo results. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2013, 60, 2471-2487.	3.0	18
5	A Machine Learning Approach to Delineating Carotid Atherosclerotic Plaque Structure and Composition by ARFI Ultrasound, <i>In Vivo</i> . , 2018, , .		8
6	Carotid Plaque Fibrous Cap Thickness Measurement by ARFI Variance of Acceleration: In Vivo Human Results. <i>IEEE Transactions on Medical Imaging</i> , 2020, 39, 4383-4390.	8.9	7
7	Rivaroxaban does not affect growth of human pancreatic tumors in mice. <i>Journal of Thrombosis and Haemostasis</i> , 2019, 17, 2169-2173.	3.8	6
8	In vivo characterization of atherosclerotic plaque of human carotid arteries with histopathological correlation using ARFI ultrasound. , 2014, , .		1
9	Automatic Classification of Human Carotid Plaque Features, <i>In Vivo</i> , Using Multiple Forms of ARFI Data. , 2021, , .		1
10	Combination of ARFI Excitation Powers and Acquisitions at Diastole and Systole for Improving Automatic Segmentation of Vulnerable Carotid Plaque Features. , 2020, , .		1
11	Harmonic Imaging Improves Delineation of Human Carotid Plaque Features by ARFI Variance of Acceleration. , 2020, , .		1
12	Increased microparticle procoagulant activity in mice lacking alpha(1,3)-fucosyltransferase-IV and -VII. <i>FASEB Journal</i> , 2010, 24, 951.12.	0.5	0
13	Mice deficient in alpha(1,3)-fucosyltransferase-IV and -VII are resistant to exogenous insulin. <i>FASEB Journal</i> , 2010, 24, 1030.11.	0.5	0
14	Î±(1,3)-Fucosylated Glycans on Myeloid Cells Regulate IL-17-Dependent Granulopoiesis. <i>FASEB Journal</i> , 2013, 27, 138.6.	0.5	0
15	Atherosclerotic Plaque Characterization in Humans with ARFI Variance of Acceleration: Blinded Reader Study. , 2021, , .		0