

Mathieu Couade

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11596287/publications.pdf>

Version: 2024-02-01

12
papers

1,608
citations

933447

10
h-index

1372567

10
g-index

18
all docs

18
docs citations

18
times ranked

1604
citing authors

#	ARTICLE	IF	CITATIONS
1	Shear Wave Imaging of Passive Diastolic Myocardial Stiffness. JACC: Cardiovascular Imaging, 2016, 9, 1023-1030.	5.3	59
2	<i>In Vivo</i> Quantification of the Nonlinear Shear Modulus in Breast Lesions: Feasibility Study. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2016, 63, 101-109.	3.0	48
3	Carotid stiffness change over the cardiac cycle by ultrafast ultrasound imaging in healthy volunteers and vascular Ehlers-Danlos syndrome. Journal of Hypertension, 2015, 33, 1890-1896.	0.5	54
4	High-contrast ultrafast imaging of the heart. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2014, 61, 288-301.	3.0	200
5	Mapping Myocardial Fiber Orientation Using Echocardiography-Based Shear Wave Imaging. IEEE Transactions on Medical Imaging, 2012, 31, 554-562.	8.9	144
6	Real-Time Assessment of Myocardial Contractility Using Shear Wave Imaging. Journal of the American College of Cardiology, 2011, 58, 65-72.	2.8	127
7	Assessment of viscous and elastic properties of sub-wavelength layered soft tissues using shear wave spectroscopy: Theoretical framework and in vitro experimental validation. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2011, 58, 2305-2315.	3.0	69
8	In Vivo Quantitative Mapping of Myocardial Stiffening and Transmural Anisotropy During the Cardiac Cycle. IEEE Transactions on Medical Imaging, 2011, 30, 295-305.	8.9	202
9	Noninvasive In Vivo Liver Fibrosis Evaluation Using Supersonic Shear Imaging: A Clinical Study on 113 Hepatitis C Virus Patients. Ultrasound in Medicine and Biology, 2011, 37, 1361-1373.	1.5	382
10	Quantitative Assessment of Arterial Wall Biomechanical Properties Using Shear Wave Imaging. Ultrasound in Medicine and Biology, 2010, 36, 1662-1676.	1.5	305
11	Evaluation of local arterial stiffness using ultrafast imaging: A comparative study using local arterial pulse wave velocity estimation and shear wave imaging. , 2010, , .		7
12	The advent of ultrafast ultrasound in vascular imaging: a review. Journal of Vascular Diagnostics and Interventions, 0, , 9.	0.0	11