

# Francois Tournoux

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

1,046  
citations

566801

15  
h-index

552369

26  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1679  
citing authors

#	ARTICLE	IF	CITATIONS
1	Training-specific changes in cardiac structure and function: a prospective and longitudinal assessment of competitive athletes. <i>Journal of Applied Physiology</i> , 2008, 104, 1121-1128.	1.2	268
2	Aortic Stenosis and Cardiac Amyloidosis. <i>Journal of the American College of Cardiology</i> , 2019, 74, 2638-2651.	1.2	182
3	High-Frame-Rate Echocardiography Using Coherent Compounding With Doppler-Based Motion-Compensation. <i>IEEE Transactions on Medical Imaging</i> , 2016, 35, 1647-1657.	5.4	111
4	Aldosterone Inhibits Antifibrotic Factors in Mouse Hypertensive Heart. <i>Hypertension</i> , 2012, 59, 1179-1187.	1.3	77
5	Validation of Noninvasive Measurements of Cardiac Output in Mice Using Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2011, 24, 465-470.	1.2	57
6	Doppler Vortography: A Color Doppler Approach to Quantification of Intraventricular Blood Flow Vortices. <i>Ultrasound in Medicine and Biology</i> , 2014, 40, 210-221.	0.7	48
7	Staggered Multiple-PRF Ultrafast Color Doppler. <i>IEEE Transactions on Medical Imaging</i> , 2016, 35, 1510-1521.	5.4	45
8	Intracardiac Vortex Dynamics by High-Frame-Rate Doppler Vortography” <i>In Vivo</i> Comparison With Vector Flow Mapping and 4-D Flow MRI. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2017, 64, 424-432.	1.7	36
9	The effect of bromocriptine on left ventricular functional recovery in peripartum cardiomyopathy: insights from the <scp>BROâ€HF</scp> retrospective cohort study. <i>ESC Heart Failure</i> , 2019, 6, 27-36.	1.4	30
10	Intraventricular vector flow mapping”a Doppler-based regularized problem with automatic model selection. <i>Physics in Medicine and Biology</i> , 2017, 62, 7131-7147.	1.6	28
11	Concordance Between Mechanical and Electrical Dyssynchrony in Heart Failure Patients: A Function of the Underlying Cardiomyopathy?. <i>Journal of Cardiovascular Electrophysiology</i> , 2007, 18, 1022-1027.	0.8	26
12	A Dual Tissue-Doppler Optical-Flow Method for Speckle Tracking Echocardiography at High Frame Rate. <i>IEEE Transactions on Medical Imaging</i> , 2018, 37, 2022-2032.	5.4	26
13	Integrating functional and anatomical information to guide cardiac resynchronization therapy. <i>European Journal of Heart Failure</i> , 2010, 12, 52-57.	2.9	21
14	Coupling Myocardium and Vortex Dynamics in Diverging-Wave Echocardiography. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2019, 66, 425-432.	1.7	18
15	Estimation of Radial Strain and Rotation Using a New Algorithm Based on Speckle Tracking. <i>Journal of the American Society of Echocardiography</i> , 2008, 21, 1168-1174.	1.2	15
16	Absence of left ventricular apical rocking and atrial-ventricular dyssynchrony predicts non-response to cardiac resynchronization therapy. <i>European Heart Journal Cardiovascular Imaging</i> , 2012, 13, 86-94.	0.5	14
17	Analyzing left ventricular function in mice with Doppler echocardiography. <i>Heart Failure Reviews</i> , 2013, 18, 511-516.	1.7	13
18	Echocardiographic evidence of left ventricular untwisting-filling interplay. <i>Cardiovascular Ultrasound</i> , 2020, 18, 8.	0.5	7

#	ARTICLE	IF	CITATIONS
19	Analysis of inter-system variability of systolic and diastolic intraventricular pressure gradients derived from color Doppler M-mode echocardiography. Scientific Reports, 2020, 10, 7180.	1.6	6
20	Accuracy of speckle tracking in the context of stress echocardiography in short axis view: An in vitro validation study. PLoS ONE, 2018, 13, e0193805.	1.1	6
21	Right Ventricular Global and Regional Remodeling in American-Style Football Athletes: A Longitudinal 3D Echocardiographic Study. Applied Sciences (Switzerland), 2021, 11, 3357.	1.3	3
22	Focused review on nutritional status of patients with immunoglobulin light chain amyloidosis. Current Problems in Cancer, 2022, 46, 100833.	1.0	3
23	Ultrafast myocardial elastography using coherent compounding of diverging waves during simulated stress tests: An in vitro study. , 2017, , .		2
24	Left Ventricular Dilatation Assessed on the Lateral Chest Radiograph: The Classic Hoffman and Rigler Sign Falls Short in a Modern-Day Population. Canadian Journal of Cardiology, 2016, 32, 378-383.	0.8	1
25	Radiosynthesis of the <sup>11</sup> C-methyl derivative of LBQ657 for PET investigation of the neprilysin inhibitor sacubitril. Journal of Labelled Compounds and Radiopharmaceuticals, 2020, 63, 65-71.	0.5	1
26	Novel O-[ <sup>11</sup> C]-methylated derivatives of the neprilysin inhibitor sacubitril: Radiosynthesis, autoradiography and plasma stability evaluation. Nuclear Medicine and Biology, 2021, 102-103, 34-44.	0.3	1
27	Deformability of ascending thoracic aorta aneurysms assessed using ultrafast ultrasound and a principal strain estimator: In vitro evaluation and in vivo feasibility. Medical Physics, 2022, , .	1.6	1
28	Time-resolved Doppler vortography in the left ventricle. , 2015, , .		0
29	Ultrafast myocardial elastography using coherent compounding of diverging waves during simulated exercise. , 2017, , .		0
30	An Unusual Case of Rise in Pulmonary Arterial Pressure and Right Ventricular Dysfunction. Case, 2018, 2, 293-296.	0.1	0