Vincent Perrot

List of Publications by Year
in descending order

14 papers	**182** citations	1937685 **4** h-index	1872680 **6** g-index
15 all docs	**15** docs citations	**15** times ranked	**168** citing authors

#	Article	IF	Citations
1	Piezoelectric Micromachined Ultrasonic Transducer for Arterial Wall Dynamics Monitoring. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2022, 69, 291-298.	3.0	5
2	So you think you can DAS? A viewpoint on delay-and-sum beamforming. Ultrasonics, 2021, 111, 106309.	3.9	124
3	Tapered Vector Doppler for Improved Quantification of Low Velocity Blood Flow. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2021, 68, 1017-1031.	3.0	2
4	Translation of Simultaneous Vessel Wall Motion and Vectorial Blood Flow Imaging in Healthy and Diseased Carotids to the Clinic: A Pilot Study. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2021, 68, 558-569.	3.0	9
5	Equivalent time active cavitation imaging. Physics in Medicine and Biology, 2021, 66, 195010.	3.0	2
6	High Frame Rate Vector Flow Imaging with a Convex Array in a simulated vessel phantom. , 2019, , .		1
7	Video Magnification Applied in Ultrasound. IEEE Transactions on Biomedical Engineering, 2019, 66, 283-288.	4.2	13
8	Back to Basics in Ultrasound Velocimetry: Tracking Speckles by Using a Standard Piv Algorithm. , 2018, , .		11
9	Spatial and Temporal Adaptive FIR Clutter Filtering. , 2018, , .		4
10	Simultaneous Tissue and Flow Estimation at High Frame Rate Using Plane Wave and Transverse Oscillation on in Vivo Carotid. , 2018, , .		4
11	Influence of Beamforming Methods on Velocity Estimation: In Vitro Experiments. , 2018, , .		4
12	Simultaneous pulse wave and flow estimation at high-framerate using plane wave and transverse oscillation on carotid phantom. , 2017, , .		1
13	Simultaneous pulse wave and flow estimation at high-framerate using plane wave and transverse oscillation on carotid phantom. , 2017, , .		1
14	Estimation of arterial wall motion using ultrafast imaging and transverse oscillations: in vivo study. , 2016, , .		1