

Vassilis Sboros

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	InÂVitro Acoustic Characterization of Three Phospholipid Ultrasound Contrast Agents from 12 to 43 MHz. <i>Ultrasound in Medicine and Biology</i> , 2014, 40, 541-550.	0.7	35
2	Experimental performance assessment of the sub-band minimum variance beamformer for ultrasound imaging. <i>Ultrasonics</i> , 2017, 79, 87-95.	2.1	34
3	Super-Resolution Contrast-Enhanced Ultrasound Methodology for the Identification of In Vivo Vascular Dynamics in 2D. <i>Investigative Radiology</i> , 2019, 54, 500-516.	3.5	29
4	Resolving Ultrasound Contrast Microbubbles Using Minimum Variance Beamforming. <i>IEEE Transactions on Medical Imaging</i> , 2019, 38, 194-204.	5.4	23
5	Super-Resolution Axial Localization of Ultrasound Scatter Using Multi-Focal Imaging. <i>IEEE Transactions on Biomedical Engineering</i> , 2018, 65, 1840-1851.	2.5	20
6	Robust microbubble tracking for super resolution imaging in ultrasound. , 2016, , .		19
7	The Local Effects of Ovarian Diathermy in an Ovine Model of Polycystic Ovary Syndrome. <i>PLoS ONE</i> , 2014, 9, e111280.	1.1	13
8	Influence of temperature, needle gauge and injection rate on the size distribution, concentration and acoustic responses of ultrasound contrast agents at high frequency. <i>Ultrasonics</i> , 2016, 70, 84-91.	2.1	13
9	High-Frame-Rate Contrast Echocardiography Using Diverging Waves: Initial <i>In Vitro</i> and <i>In Vivo</i> Evaluation. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2018, 65, 2212-2221.	1.7	12
10	Differentiation of Vascular Characteristics Using Contrast-Enhanced Ultrasound Imaging. <i>Ultrasound in Medicine and Biology</i> , 2019, 45, 2444-2455.	0.7	11
11	A comparison between temporal and subband minimum variance adaptive beamforming. <i>Proceedings of SPIE</i> , 2014, , .	0.8	10
12	Super-Resolved Ultrasound Echo Spectra With Simultaneous Localization Using Parametric Statistical Estimation. <i>IEEE Access</i> , 2018, 6, 14188-14203.	2.6	8
13	Super-resolution spectral analysis for ultrasound scatter characterization. , 2016, , .		2
14	A novel array processing method for precise depth detection of ultrasound point scatter. , 2016, , .		2
15	Development of Super-Resolution Sharpness-Based Axial Localization for Ultrasound Imaging. <i>IEEE Access</i> , 2019, 7, 6297-6309.	2.6	2
16	Minimum Variance beamforming for closely spaced microbubbles. , 2019, , .		1
17	A comparison between image and signal sharpness-based axial localization of ultrasound scatterers. , 2019, , .		0
18	Realistic Super-Resolution Image Analysis for State of the Art 2D Contrast Enhanced Ultrasound Imaging. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
19	Do raw signal data provide better localisation than image data for super-resolution imaging?. , 2019, , .		0
20	Improved microbubble (MB) Localisation Using Particle Detecting algorithm: Evaluation of Algorithm Performance for Different Beamforming Methods. , 2020, , .		0