

# Konstantinos Diamantis

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

128  
citations

1478280

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1719901

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12  
all docs

12  
docs citations

12  
times ranked

126  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental performance assessment of the sub-band minimum variance beamformer for ultrasound imaging. Ultrasonics, 2017, 79, 87-95.	2.1	34
2	Super-Resolution Contrast-Enhanced Ultrasound Methodology for the Identification of In Vivo Vascular Dynamics in 2D. Investigative Radiology, 2019, 54, 500-516.	3.5	29
3	Resolving Ultrasound Contrast Microbubbles Using Minimum Variance Beamforming. IEEE Transactions on Medical Imaging, 2019, 38, 194-204.	5.4	23
4	Super-Resolution Axial Localization of Ultrasound Scatter Using Multi-Focal Imaging. IEEE Transactions on Biomedical Engineering, 2018, 65, 1840-1851.	2.5	20
5	A comparison between temporal and subband minimum variance adaptive beamforming. Proceedings of SPIE, 2014, , .	0.8	10
6	Super-Resolved Ultrasound Echo Spectra With Simultaneous Localization Using Parametric Statistical Estimation. IEEE Access, 2018, 6, 14188-14203.	2.6	8
7	Development of Super-Resolution Sharpness-Based Axial Localization for Ultrasound Imaging. IEEE Access, 2019, 7, 6297-6309.	2.6	2
8	Bayesian Spectrum Analysis of Non-Linear Ultrasound Contrast Microbubble Signals. , 2018, , .		1
9	Minimum Variance beamforming for closely spaced microbubbles. , 2019, , .		1
10	A comparison between image and signal sharpness-based axial localization of ultrasound scatterers. , 2019, , .		0
11	Do raw signal data provide better localisation than image data for super-resolution imaging?. , 2019, , .		0
12	Improved microbubble (MB) Localisation Using Particle Detecting algorithm: Evaluation of Algorithm Performance for Different Beamforming Methods. , 2020, , .		0