

Avinoam Bar-Zion

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6015521/publications.pdf>

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759233

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1192
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrasound-controllable engineered bacteria for cancer immunotherapy. Nature Communications, 2022, 13, 1585.	12.8	78
2	Ultrasensitive ultrasound imaging of gene expression with signal unmixing. Nature Methods, 2021, 18, 945-952.	19.0	35
3	Acoustically triggered mechanotherapy using genetically encoded gas vesicles. Nature Nanotechnology, 2021, 16, 1403-1412.	31.5	74
4	The Vibration Behavior of Submicrometer Gas Vesicles in Response to Acoustic Excitation Determined via Laser Doppler Vibrometry. Advanced Functional Materials, 2020, 30, 2000239.	14.9	15
5	Achieving Spatial and Molecular Specificity with Ultrasound-Targeted Biomolecular Nanotherapeutics. Accounts of Chemical Research, 2019, 52, 2427-2434.	15.6	40
6	Biomolecular Ultrasound and Sonogenetics. Annual Review of Chemical and Biomolecular Engineering, 2018, 9, 229-252.	6.8	137
7	SUSHI: Sparsity-Based Ultrasound Super-Resolution Hemodynamic Imaging. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2018, 65, 2365-2380.	3.0	76
8	Improved Contrast-Enhanced Power Doppler Using a Coherence-Based Estimator. IEEE Transactions on Medical Imaging, 2017, 36, 1901-1911.	8.9	14
9	Fast Vascular Ultrasound Imaging With Enhanced Spatial Resolution and Background Rejection. IEEE Transactions on Medical Imaging, 2017, 36, 169-180.	8.9	98
10	Co-option of Liver Vessels and Not Sprouting Angiogenesis Drives Acquired Sorafenib Resistance in Hepatocellular Carcinoma. Journal of the National Cancer Institute, 2016, 108, djw030.	6.3	144
11	Stable Support Recovery of Stream of Pulses With Application to Ultrasound Imaging. IEEE Transactions on Signal Processing, 2016, 64, 3750-3759.	5.3	22
12	Functional Flow Patterns and Static Blood Pooling in Tumors Revealed by Combined Contrast-Enhanced Ultrasound and Photoacoustic Imaging. Cancer Research, 2016, 76, 4320-4331.	0.9	38
13	Lysyl oxidase-like-2 promotes tumour angiogenesis and is a potential therapeutic target in angiogenic tumours. Carcinogenesis, 2013, 34, 2370-2379.	2.8	70