

Avinoam Bar-Zion

List of Publications by Year in descending order

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

Version: 2024-02-01

13
papers

859
citations

759233

12
h-index

1125743

13
g-index

16
all docs

16
docs citations

16
times ranked

1192
citing authors

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