Itzhak Lior

List of Publications by Year
in descending order

11	193	1163117 8	1372567 10
papers	citations	h-index	g-index

16	16	16	130
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Self-Supervised Deep Learning Approach for Blind Denoising and Waveform Coherence Enhancement in Distributed Acoustic Sensing Data. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 3371-3384.	11.3	20
2	Imaging an Underwater Basin and Its Resonance Modes Using Optical Fiber Distributed Acoustic Sensing. Seismological Research Letters, 2022, 93, 1573-1584.	1.9	8
3	On the Detection Capabilities of Underwater Distributed Acoustic Sensing. Journal of Geophysical Research: Solid Earth, 2021, 126, e2020JB020925.	3.4	57
4	Earthquake Early Warning System in Israelâ€"Towards an Operational Stage. Frontiers in Earth Science, 2021, 9, .	1.8	5
5	Strain to ground motion conversion of distributed acoustic sensing data for earthquake magnitude and stress drop determination. Solid Earth, 2021, 12, 1421-1442.	2.8	26
6	Generic Source Parameter Determination and Ground-Motion Prediction for Earthquake Early Warning. Bulletin of the Seismological Society of America, 2020, 110, 345-356.	2.3	13
7	Reply to â€œComment on â€˜The Relation between Ground Acceleration and Earthquake Source Parameters: Theory and Observationsâ€™ by Itzhak Lior and Alon Zivâ€•by J. Enrique Luco. Bulletin of the Seismological Society of America, 2018, 108, 3698-3698.	2.3	0
8	The Relation Between Ground Motion, Earthquake Source Parameters, and Attenuation: Implications for Source Parameter Inversion and Ground Motion Prediction Equations. Journal of Geophysical Research: Solid Earth, 2018, 123, 5886-5901.	3.4	21
9	The Relation between Ground Acceleration and Earthquake Source Parameters: Theory and Observations. Bulletin of the Seismological Society of America, 2017, 107, 1012-1018.	2.3	11
10	Realâ€Time Moment Magnitude and Stress Drop with Implications for Realâ€Time Shaking Prediction. Bulletin of the Seismological Society of America, 2016, 106, 2459-2468.	2.3	5
11	Pâ€Wave Attenuation with Implications for Earthquake Early Warning. Bulletin of the Seismological Society of America, 2016, 106, 13-22.	2.3	17