

Kenji Ishikawa

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

401
citations

1040056

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h-index

888059

17
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20
all docs

20
docs citations

20
times ranked

155
citing authors

#	ARTICLE	IF	CITATIONS
1	Low-noise optical measurement of sound using midfringe locked interferometer with differential detection. Journal of the Acoustical Society of America, 2021, 150, 1514-1523.	1.1	9
2	Spurious-sound-free measurement of parametric acoustic array using optical interferometry. JASA Express Letters, 2021, 1, 112801.	1.1	1
3	Determination of frequency response of MEMS microphone from sound field measurements using optical phase-shifting interferometry method. Applied Acoustics, 2020, 170, 107523.	3.3	9
4	Seeing the sound of castanets: Acoustic resonances between shells captured by high-speed optical visualization with 1-mm resolution. Journal of the Acoustical Society of America, 2020, 148, 3171-3180.	1.1	9
5	Optical Sound Measurement. Ieice Ess Fundamentals Review, 2019, 12, 259-268.	0.1	1
6	Extracting sound from flow measured by parallel phase-shifting interferometry using spatio-temporal filter. , 2019, , .		1
7	Time-directional filtering of wrapped phase for observing transient phenomena with parallel phase-shifting interferometry. Optics Express, 2018, 26, 13705.	3.4	17
8	Simultaneous imaging of flow and sound using high-speed parallel phase-shifting interferometry. Optics Letters, 2018, 43, 991.	3.3	48
9	Optical visualization of a fluid flow via the temperature controlling method. Optics Letters, 2018, 43, 3273.	3.3	12
10	Seeing the sound we hear: optical technologies for visualizing sound wave. , 2018, , .		4
11	Acousto-optic back-projection: Physical-model-based sound field reconstruction from optical projections. Journal of Sound and Vibration, 2017, 394, 171-184.	3.9	23
12	Simple, flexible, and accurate phase retrieval method for generalized phase-shifting interferometry. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2017, 34, 87.	1.5	53
13	Hyper ellipse fitting in subspace method for phase-shifting interferometry: practical implementation with automatic pixel selection. Optics Express, 2017, 25, 29401.	3.4	34
14	Improving principal component analysis based phase extraction method for phase-shifting interferometry by integrating spatial information. Optics Express, 2016, 24, 22881.	3.4	35
15	High-speed imaging of sound using parallel phase-shifting interferometry. Optics Express, 2016, 24, 12922.	3.4	84
16	Compensation of fringe distortion for phase-shifting three-dimensional shape measurement by inverse map estimation. Applied Optics, 2016, 55, 6017.	2.1	38
17	Signal processing for optical sound field measurement and visualization. Proceedings of Meetings on Acoustics, 2016, , .	0.3	6
18	Optical sensing of sound fields: non-contact, quantitative, and single-shot imaging of sound using high-speed polarization camera. Proceedings of Meetings on Acoustics, 2016, , .	0.3	8

#	ARTICLE	IF	CITATIONS
19	Non-intrusive sound pressure measurement using light scattering. <i>Acoustical Science and Technology</i> , 2015, 36, 408-418.	0.5	1
20	Physical-model-based reconstruction of axisymmetric three-dimensional sound field from optical interferometric measurement. <i>Measurement Science and Technology</i> , 0, , .	2.6	8