

Gihoon Byun

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

155
citations

1163117

8
h-index

1199594

12
g-index

17
all docs

17
docs citations

17
times ranked

40
citing authors

#	ARTICLE	IF	CITATIONS
1	The waveguide invariant for a Pekeris waveguide. Journal of the Acoustical Society of America, 2022, 151, 846-851.	1.1	3
2	An overview of array invariant for source-range estimation in shallow water. Journal of the Acoustical Society of America, 2022, 151, 2336-2352.	1.1	5
3	Adaptive array invariant in range-dependent environments with variable bathymetry. Journal of the Acoustical Society of America, 2021, 149, 1363-1370.	1.1	1
4	Localization of a distant ship using a guide ship and a vertical array. Journal of the Acoustical Society of America, 2021, 149, 2173-2178.	1.1	3
5	Extracting Green's functions between ships of opportunity using a vertical array. Journal of the Acoustical Society of America, 2020, 148, 1800-1807.	1.1	1
6	Adaptive array invariant. Journal of the Acoustical Society of America, 2020, 148, 925-933.	1.1	4
7	Multiple constraint matched field processing tolerant to array tilt mismatch. Journal of the Acoustical Society of America, 2020, 147, 1231-1238.	1.1	25
8	Extrapolating Green's functions using the waveguide invariant theory. Journal of the Acoustical Society of America, 2020, 147, 2150-2158.	1.1	8
9	Localization of multiple ships using a vertical array in shallow water. Journal of the Acoustical Society of America, 2019, 145, EL528-EL533.	1.1	6
10	Remote acoustic illumination using time reversal and a surface ship. Journal of the Acoustical Society of America, 2019, 145, 1565-1568.	1.1	1
11	Array invariant-based calibration of array tilt using a source of opportunity. Journal of the Acoustical Society of America, 2018, 143, 1318-1325.	1.1	21
12	Ray-based blind deconvolution of shipping sources using multiple beams separated by alternating projection. Journal of the Acoustical Society of America, 2018, 144, 3525-3532.	1.1	9
13	Performance comparisons of array invariant and matched field processing using broadband ship noise and a tilted vertical array. Journal of the Acoustical Society of America, 2018, 144, 3067-3074.	1.1	10
14	Real-time tracking of a surface ship using a bottom-mounted horizontal array. Journal of the Acoustical Society of America, 2018, 144, 2375-2382.	1.1	11
15	Simultaneous localization of a surface ship and a submerged towed source (L). Journal of the Acoustical Society of America, 2018, 144, 2238-2241.	1.1	7
16	Cascade of blind deconvolution and array invariant for robust source-range estimation. Journal of the Acoustical Society of America, 2017, 141, 3270-3273.	1.1	20
17	Array invariant-based ranging of a source of opportunity. Journal of the Acoustical Society of America, 2017, 142, EL286-EL291.	1.1	20