

David Luong

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

304
citations

1478505

6
h-index

1588992

8
g-index

22
all docs

22
docs citations

22
times ranked

158
citing authors

#	ARTICLE	IF	CITATIONS
1	Receiver Operating Characteristics for a Prototype Quantum Two-Mode Squeezing Radar. IEEE Transactions on Aerospace and Electronic Systems, 2020, 56, 2041-2060.	4.7	89
2	Overcoming lossy channel bounds using a single quantum repeater node. Applied Physics B: Lasers and Optics, 2016, 122, 1.	2.2	37
3	Quantum two-mode squeezing radar and noise radar: covariance matrices for signal processing. IET Radar, Sonar and Navigation, 2020, 14, 97-104.	1.8	35
4	Entanglement-Based Quantum Radar: From Myth to Reality. IEEE Aerospace and Electronic Systems Magazine, 2020, 35, 22-35.	1.3	26
5	Quantum Two-Mode Squeezing Radar and Noise Radar: Correlation Coefficients for Target Detection. IEEE Sensors Journal, 2020, 20, 5221-5228.	4.7	25
6	Microwave Quantum Radar: An Experimental Validation. , 2018, , .		17
7	A Quantum-Enhanced Radar Prototype. , 2019, , .		15
8	Performance Prediction for Coherent Noise Radars Using the Correlation Coefficient. IEEE Access, 2022, 10, 8627-8633.	4.2	15
9	Are Quantum Radar Arrays Possible?. , 2019, , .		9
10	Estimating Correlation Coefficients for Quantum Radar and Noise Radar: A Simulation Study. , 2019, , .		6
11	Simulation Study of a Detector Function for QTMS Radar and Noise Radar. , 2020, , .		5
12	When Should We Use Likelihood Ratio Target Detection with QTMS Radar and Noise Radar?. , 2021, , .		4
13	Quantum radar, quantum networks, not-so-quantum hackers. , 2019, , .		4
14	Structured Covariance Matrix Estimation for Noise-Type Radars. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	6.3	4
15	Quantum Monopulse Radar. , 2020, , .		3
16	Quantum Two-Mode Squeezing Radar and Noise Radar: Correlation Coefficient and Integration Time. IEEE Access, 2020, 8, 185544-185547.	4.2	3
17	Quantum Two-Mode Squeezing Radar: SNR and Detection Performance. , 2020, , .		3
18	An Approximate Likelihood Ratio Detector for QTMS Radar and Noise Radar. , 2021, , .		2

#	ARTICLE	IF	CITATIONS
19	Machine Learning Approach to Chirp Rate Estimation of Linear Frequency Modulated Radars. , 2020, , .		1
20	Radar applications of quantum squeezing. , 2019, , .		1
21	Quantum Monopulse Radar. Applied Computational Electromagnetics Society Journal, 2021, 35, 1430-1432.	0.4	0
22	A Closed-Form Estimate for the Correlation Coefficient of Noise-Type Radars. , 2022, , .		0