

Daniel Onori

List of Publications by Year in descending order

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17
papers

1,408
citations

759233

12
h-index

996975

15
g-index

18
all docs

18
docs citations

18
times ranked

1056
citing authors

#	ARTICLE	IF	CITATIONS
1	A fully photonics-based coherent radar system. <i>Nature</i> , 2014, 507, 341-345.	27.8	852
2	Photonics for Radars Operating on Multiple Coherent Bands. <i>Journal of Lightwave Technology</i> , 2016, 34, 500-507.	4.6	109
3	Toward a New Generation of Radar Systems Based on Microwave Photonic Technologies. <i>Journal of Lightwave Technology</i> , 2019, 37, 643-650.	4.6	87
4	Photonics in Radar Systems: RF Integration for State-of-the-Art Functionality. <i>IEEE Microwave Magazine</i> , 2015, 16, 74-83.	0.8	83
5	Coherent Interferometric Dual-Frequency Laser Radar for Precise Range/Doppler Measurement. <i>Journal of Lightwave Technology</i> , 2016, 34, 4828-4834.	4.6	45
6	In-Field Experiments of the First Photonics-Based Software-Defined Coherent Radar. <i>Journal of Lightwave Technology</i> , 2014, 32, 3365-3372.	4.6	36
7	Photonics for Ultrawideband RF Spectral Analysis in Electronic Warfare Applications. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2019, 25, 1-9.	2.9	36
8	Frequency-agile dual-frequency lidar for integrated coherent radar-lidar architectures. <i>Optics Letters</i> , 2015, 40, 1358.	3.3	34
9	A Photonically Enabled Compact 0.5–28.5 GHz RF Scanning Receiver. <i>Journal of Lightwave Technology</i> , 2018, 36, 1831-1839.	4.6	32
10	Towards on-chip photonic-assisted radio-frequency spectral measurement and monitoring. <i>Optica</i> , 2020, 7, 434.	9.3	28
11	Fully Coherent S- and X-Band Photonics-Aided Radar System Demonstration. <i>IEEE Microwave and Wireless Components Letters</i> , 2015, 25, 757-759.	3.2	20
12	Multi-Frequency Lidar/Radar Integrated System for Robust and Flexible Doppler Measurements. <i>IEEE Photonics Technology Letters</i> , 2015, 27, 2268-2271.	2.5	18
13	Electronically synthesized Nyquist pulses for photonic sampling of microwave signals. <i>Optics Express</i> , 2017, 25, 29249.	3.4	12
14	A 40 GHz RF Tunable Receiver Based on Photonic Direct Conversion and Digital Feed-Forward Lasers Noise Cancellation. <i>Journal of Lightwave Technology</i> , 2018, 36, 4423-4429.	4.6	10
15	An RF Scanning Receiver on a Silicon Photonic Chip. , 2019, , .		4
16	A dual-frequency coherent noise lidar for robust range-Doppler measurements. , 2018, , .		1
17	A Simple Dual-Frequency Coherent Noise Lidar. , 2020, , .		0