

# Amirmahdi Honardoost

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6911981/publications.pdf>

Version: 2024-02-01

12  
papers

611  
citations

1040056

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1474206

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12  
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12  
docs citations

12  
times ranked

547  
citing authors

#	ARTICLE	IF	CITATIONS
1	High-performance and linear thin-film lithium niobate Mach-Zehnder modulators on silicon up to 50 THz. Optics Letters, 2016, 41, 5700.	3.3	179
2	Actively-monitored periodic-poling in thin-film lithium niobate photonic waveguides with ultrahigh nonlinear conversion efficiency of $4600 \text{ W}^{-1} \text{ cm}^{-2}$ . Optics Express, 2019, 27, 25920.	3.4	93
3	Rejuvenating a Versatile Photonic Material: Thin-Film Lithium Niobate. Laser and Photonics Reviews, 2020, 14, 2000088.	8.7	89
4	Second-harmonic generation in periodically-poled thin film lithium niobate wafer-bonded on silicon. Optics Express, 2016, 24, 29941.	3.4	81
5	Miniaturized Silicon Photonics Devices for Integrated Optical Signal Processors. Journal of Lightwave Technology, 2020, 38, 6-17.	4.6	52
6	Towards subterahertz bandwidth ultracompact lithium niobate electrooptic modulators. Optics Express, 2019, 27, 6495.	3.4	48
7	High-Speed Modeling of Ultracompact Electrooptic Modulators. Journal of Lightwave Technology, 2018, 36, 5893-5902.	4.6	38
8	Cascaded Integration of Optical Waveguides With Third-Order Nonlinearity With Lithium Niobate Waveguides on Silicon Substrates. IEEE Photonics Journal, 2018, 10, 1-9.	2.0	20
9	Design of a hybrid chalcogenide-glass on lithium-niobate waveguide structure for high-performance cascaded third- and second-order optical nonlinearities. Applied Optics, 2019, 58, D1.	1.8	10
10	Performance Predictions for Compact Lithium Niobate Mach-Zehnder Electrooptic Modulators. , 2018, , .		1
11	High-speed modeling of thin-film lithium-niobate-on-silicon electrooptic modulators. , 2017, , .		0
12	Novel Design for Subterahertz Bandwidth Ultracompact Lithium Niobate Electrooptic Modulators on Silicon. , 2019, , .		0