

# Hong Deng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1737157/publications.pdf>

Version: 2024-02-01

13  
papers

154  
citations

1478505

6  
h-index

1872680

6  
g-index

13  
all docs

13  
docs citations

13  
times ranked

176  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dual-frequency Optoelectronic Oscillator for Thermal-Insensitive Interrogation of a FBG Strain Sensor. IEEE Photonics Technology Letters, 2017, 29, 357-360.	2.5	43
2	Photonic Generation of a Phase-Coded Chirp Microwave Waveform With Increased TBWP. IEEE Photonics Technology Letters, 2017, 29, 1420-1423.	2.5	29
3	High-Speed and High-Resolution Interrogation of a Silicon Photonic Microdisk Sensor Based on Microwave Photonic Filtering. Journal of Lightwave Technology, 2018, 36, 4243-4249.	4.6	25
4	On-Chip Sensor for Simultaneous Temperature and Refractive Index Measurements Based on a Dual-Passband Microwave Photonic Filter. Journal of Lightwave Technology, 2018, 36, 4099-4105.	4.6	20
5	High-Speed and High-Resolution Interrogation of a Strain and Temperature Random Grating Sensor. Journal of Lightwave Technology, 2018, 36, 5587-5592.	4.6	16
6	Pure phase modulation based on a silicon plasma dispersion modulator. Optics Express, 2019, 27, 27191.	3.4	14
7	Photonic Generation of Pseudo Random Microwave Waveform Based on a Random Fiber Grating. , 2018, , .		3
8	Tutorial: Programmable Integrated Photonics. , 2020, , .		2
9	Programmable Silicon Photonic Integrated Circuits. , 2020, , .		1
10	Configurable Phase/Amplitude Modulator Circuit based on Silicon Plasma Dispersion. , 2021, , .		1
11	Electronically reconfigurable bandpass microwave photonic filter using a windowed optical frequency comb. Journal of Optics (United Kingdom), 2015, 17, 035708.	2.2	0
12	Configurable Modulator for Pure Phase Modulation. , 2019, , .		0
13	General-Purpose Programmable Photonic Chips. , 2021, , .		0