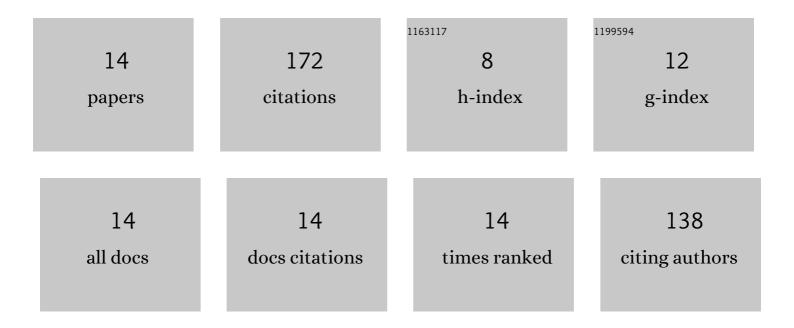
## Rui Cheng

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7150101/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Optical signal processing based on silicon photonics waveguide Bragg gratings: review. Frontiers of Optoelectronics, 2018, 11, 163-188.	3.7	44
2	Narrow-Band Add-Drop Filter Based on Phase-Modulated Grating-Assisted Contra-Directional Couplers. Journal of Lightwave Technology, 2018, 36, 3760-3764.	4.6	26
3	Multichannel photonic Hilbert transformers based on complex modulated integrated Bragg gratings. Optics Letters, 2018, 43, 1031.	3.3	18
4	Spectral Design of Silicon Integrated Bragg Gratings: A Tutorial. Journal of Lightwave Technology, 2021, 39, 712-729.	4.6	18
5	High-Q antisymmetric multimode nanobeam photonic crystal cavities in silicon waveguides. Optics Express, 2018, 26, 26196.	3.4	13
6	Ultracompact Channel Add-Drop Filter Based on Single Multimode Nanobeam Photonic Crystal Cavity. Journal of Lightwave Technology, 2021, 39, 162-166.	4.6	12
7	Characterization and compensation of apodization phase noise in silicon integrated Bragg gratings. Optics Express, 2019, 27, 9516.	3.4	9
8	Apodization profile amplification of silicon integrated Bragg gratings through lateral phase delays. Optics Letters, 2019, 44, 435.	3.3	9
9	Apodization of Silicon Integrated Bragg Gratings Through Periodic Phase Modulation. IEEE Journal of Selected Topics in Quantum Electronics, 2020, 26, 1-15.	2.9	7
10	Tunable Plasmonic Random Laser Based on Emitters Coupled to Plasmonic Resonant Nanocavities of Silver Nanorod Arrays. Advanced Optical Materials, 2022, 10, .	7.3	7
11	Spectral-Distortionless, Flat-Top, Drop-Filter Based on Complementarily-Misaligned Multimode-Waveguide Bragg Gratings. Journal of Lightwave Technology, 2020, 38, 6600-6604.	4.6	5
12	Inverse design of multimode silicon waveguide bends by topology optimization. Journal of Nanophotonics, 2022, 16, .	1.0	3
13	Design of Silicon Integrated Bragg Gratings for Microwave Photonics Signal Processing. , 2019, , .		1
14	Tunable Plasmonic Random Laser Based on Emitters Coupled to Plasmonic Resonant Nanocavities of Silver Nanorod Arrays (Advanced Optical Materials 10/2022). Advanced Optical Materials, 2022, 10, .	7.3	0