

Yuansheng Tao

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Silicon-Based Graphene Electro-Optical Modulators. <i>Photonics</i> , 2022, 9, 82.	2.0	11
2	Recent Progress in Silicon-Based Slow-Light Electro-Optic Modulators. <i>Micromachines</i> , 2022, 13, 400.	2.9	8
3	Microcomb-driven silicon photonic systems. <i>Nature</i> , 2022, 605, 457-463.	27.8	128
4	Linearity of a silicon-based graphene electro-absorption modulator. <i>Optics Letters</i> , 2022, 47, 3075.	3.3	3
5	Highly Reliable Transmission System for Next-Generation Optical Access Network Based on Silicon Modulator With Maximum-Ratio Combined Receiver. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2021, 27, 1-10.	2.9	2
6	1/f-noise-free optical sensing with an integrated heterodyne interferometer. <i>Nature Communications</i> , 2021, 12, 1973.	12.8	33
7	Hybrid-integrated high-performance microwave photonic filter with switchable response. <i>Photonics Research</i> , 2021, 9, 1569.	7.0	34
8	On-chip high-efficiency wavelength multicasting of PAM3/PAM4 signals using low-loss AlGaAs-on-insulator nanowaveguides. <i>Optics Letters</i> , 2020, 45, 4539.	3.3	10
9	On-chip High-efficiency Channel-selective Wavelength Multicasting of PAM3/PAM4 Signals Using an AlGaAsOI Waveguide. , 2020, , .		2
10	A Polarization Multiplexing Optical Circuit for Efficient Phase Tuning. <i>IEEE Photonics Technology Letters</i> , 2019, 31, 1549-1552.	2.5	3
11	Numerical investigation of the linearity of graphene-based silicon waveguide modulator. <i>Optics Express</i> , 2019, 27, 9013.	3.4	15
12	Efficient Graphene Phase Modulator Based on a Polarization Multiplexing Optical Circuit. , 2019, , .		4
13	A real-time tunable arbitrary power ratios graphene based power divider. <i>Science China Information Sciences</i> , 2018, 61, 1.	4.3	4