

# Anton Vasiliev

## List of Publications by Year in descending order

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11  
papers

204  
citations

1651377

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h-index

1905433

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11  
docs citations

11  
times ranked

487  
citing authors

#	ARTICLE	IF	CITATIONS
1	Widely Tunable III-V/Silicon Lasers for Spectroscopy in the Short-Wave Infrared. IEEE Journal of Selected Topics in Quantum Electronics, 2019, 25, 1-12.	1.9	8
2	Broadband Digital Fourier Transform Spectrometer for On-Chip Wavelength Monitoring in the 2.3- $\mu\text{m}$ Wavelength Range. IEEE Photonics Journal, 2019, 11, 1-9.	1.0	4
3	2.3 $\mu\text{m}$ wavelength range digital Fourier transform on-chip wavelength monitor. , 2019, , .		0
4	Integrated Silicon-on-Insulator Spectrometer With Single Pixel Readout for Mid-Infrared Spectroscopy. IEEE Journal of Selected Topics in Quantum Electronics, 2018, 24, 1-7.	1.9	22
5	Widely tunable 2.3- $\mu\text{m}$ III-V-on-silicon Vernier lasers for broadband spectroscopic sensing. Photonics Research, 2018, 6, 858.	3.4	47
6	III-V/silicon photonic integrated circuits for spectroscopic sensing in the 2 $\mu\text{m}$ wavelength range. , 2018, , .		0
7	III-V-on-Silicon Photonic Integrated Circuits for Spectroscopic Sensing in the 2-4 $\mu\text{m}$ Wavelength Range. Sensors, 2017, 17, 1788.	2.1	60
8	High resolution silicon-on-insulator mid-infrared spectrometers operating at 3.3 $\mu\text{m}$ . , 2017, , .		0
9	Heterogeneously integrated III-V-on-silicon 2.3 $\mu\text{m}$ distributed feedback lasers based on a type-II active region. Applied Physics Letters, 2016, 109, .	1.5	21
10	On-Chip Mid-Infrared Photothermal Spectroscopy Using Suspended Silicon-on-Insulator Microring Resonators. ACS Sensors, 2016, 1, 1301-1307.	4.0	41
11	Front glass thickness requirements for high resolution polarized stereoscopic displays: A simulation platform. Journal of the Society for Information Display, 2016, 24, 454-464.	0.8	1