

# Woo-Sung Chu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11386197/publications.pdf>

Version: 2024-02-01

21  
papers

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citations

840119

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887659

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g-index

21  
all docs

21  
docs citations

21  
times ranked

310  
citing authors

#	ARTICLE	IF	CITATIONS
1	Polymeric optical waveguide devices exploiting special properties of polymer materials. Optics Communications, 2016, 362, 3-12.	1.0	52
2	Integrated Photonic Devices Incorporating Low-Loss Fluorinated Polymer Materials. Polymers, 2011, 3, 975-997.	2.0	42
3	Polymer waveguide integrated-optic current transducers. Optics Express, 2011, 19, 9392.	1.7	26
4	Integrated-optic polarization controllers incorporating polymer waveguide birefringence modulators. Optics Express, 2012, 20, 12443.	1.7	24
5	Optical Current Sensors Consisting of Polymeric Waveguide Components. Journal of Lightwave Technology, 2010, 28, 1851-1857.	2.7	23
6	Optical Voltage Sensors Based on Integrated Optical Polarization-Rotated Reflection Interferometry. Journal of Lightwave Technology, 2016, 34, 2170-2174.	2.7	20
7	Outcoupling Efficiency Analysis of OLEDs Fabricated on a Wrinkled Substrate. Journal of Display Technology, 2016, 12, 801-807.	1.3	15
8	Tunable channel drop filters consisting of a tilted Bragg grating and a mode sorting polymer waveguide. Optics Express, 2016, 24, 5709.	1.7	13
9	Tunable channel-drop filters consisting of polymeric Bragg reflectors and a mode sorting asymmetric X-junction. Optics Express, 2015, 23, 17223.	1.7	12
10	Surface relief apodized grating tunable filters produced by using a shadow mask. Optics Express, 2015, 23, 21090.	1.7	12
11	Integrated optic current transducers incorporating photonic crystal fiber for reduced temperature dependence. Optics Express, 2015, 23, 22816.	1.7	12
12	Polarization Converting Waveguide Devices Incorporating UV-curable Reactive Mesogen. Journal of the Optical Society of Korea, 2011, 15, 289-292.	0.6	11
13	Integrated-optic current sensors with a multimode interference waveguide device. Optics Express, 2016, 24, 7426.	1.7	9
14	Low-crosstalk high-density polymeric integrated optics incorporating self-assembled scattering monolayer. Optics Express, 2014, 22, 14237.	1.7	5
15	Polymeric Integrated-Optic Bias Chip for Optical Voltage Transducers. Journal of Lightwave Technology, 2014, 32, 4730-4733.	2.7	5
16	Arrayed waveguide collimators for integrating free-space optics on polymeric waveguide devices. Optics Express, 2014, 22, 23801.	1.7	4
17	Integrated-optic polarization controllers based on polymer waveguide. Proceedings of SPIE, 2013, , .	0.8	2
18	Integrated optic polarization splitter based on total internal reflection from a birefringent polymer. Optics Express, 2016, 24, 21012.	1.7	2

#	ARTICLE	IF	CITATIONS
19	Integrated optical current transducers based on polymer waveguide devices. , 2012, , .		0
20	Tunable wavelength filters based on dual polymer Bragg gratings and a mode sorting waveguide. , 2015, , .		0
21	Optical Current Transducers Incorporating Polymeric Integrated Optical Chip. , 2011, , .		0