

Sohn Byoung Uk

List of Publications by Year in descending order

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11
papers

226
citations

1307594

7
h-index

1474206

9
g-index

12
all docs

12
docs citations

12
times ranked

201
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonlinear characterization of GeSbS chalcogenide glass waveguides. Scientific Reports, 2016, 6, 39234.	3.3	50
2	New Candidate Multicomponent Chalcogenide Glasses for Supercontinuum Generation. Applied Sciences (Switzerland), 2018, 8, 2082.	2.5	39
3	Soliton-effect optical pulse compression in CMOS-compatible ultra-silicon-rich nitride waveguides. APL Photonics, 2019, 4, .	5.7	37
4	Optical nonlinearities in ultra-silicon-rich nitride characterized using z-scan measurements. Scientific Reports, 2019, 9, 10364.	3.3	30
5	Observation of very high order multi-photon absorption in GeSbS chalcogenide glass. APL Photonics, 2019, 4, 036102.	5.7	25
6	High spectro-temporal compression on a nonlinear CMOS-chip. Light: Science and Applications, 2021, 10, 130.	16.6	17
7	Wideband Spectral Enhancement through On-Chip Bragg Soliton Dynamics. Advanced Photonics Research, 2021, 2, 2100107.	3.6	13
8	An optical parametric Bragg amplifier on a CMOS chip. Nanophotonics, 2021, 10, 3507-3518.	6.0	9
9	Picosecond pulse generation from continuous-wave light in an integrated nonlinear Bragg grating. Nanophotonics, 2022, 11, 2319-2328.	6.0	5
10	Nonlinear optical properties of GeSbS chalcogenide waveguides. , 2017, , .		1
11	Mid-infrared nonlinear optical properties of droplet-free chalcogenide GeSe ₂ -As ₂ Se ₃ -PbSe glasses. , 2020, , .		0