

Kyowon Kim

List of Publications by Year in descending order

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11
papers

91
citations

1937685
4
h-index

1872680
6
g-index

11
all docs

11
docs citations

11
times ranked

133
citing authors

#	ARTICLE	IF	CITATIONS
1	Porous silicon integrated Mach-Zehnder interferometer waveguide for biological and chemical sensing. Optics Express, 2013, 21, 19488.	3.4	45
2	Strong anisotropic thermal conductivity of nanoporous silicon. Journal of Applied Physics, 2015, 118, .	2.5	16
3	James Webb Space Telescope microshutter arrays and beyond. Journal of Micro/ Nanolithography, MEMS, and MOEMS, 2017, 16, 025501.	0.9	8
4	Characterization of optical nonlinearities in nanoporous silicon waveguides via pump-probe heterodyning technique. Optics Express, 2014, 22, 17466.	3.4	7
5	Successful Demonstration of an Electrostatically Actuated Microshutter System for Space Telescope Flight Missions. Journal of Microelectromechanical Systems, 2020, 29, 1079-1082.	2.5	4
6	Development of the Next Generation Microshutter Arrays for Space Telescope Applications. , 2020, , .		3
7	Actuation force analysis and design optimization of microshutter array by numerical simulation method. Engineering Research Express, 2021, 3, 015007.	1.6	3
8	Electrostatic microshutter arrays. , 2017, , .		2
9	FABRICATION AND SUB-ASSEMBLY OF ELECTROSTATICALLY ACTUATED SILICON NITRIDE MICROSHUTTER ARRAYS. , 2018, , .		2
10	Fabrication of electrostatically actuated silicon nitride microshutter arrays. , 2017, , .		1
11	Characterizations of Optimized Microshutter Arrays For Space Borne Observatory Applications. , 2022, , .		0