

Kyuyoung Bae

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

1,077
citations

1039406

9
h-index

1125271

13
g-index

14
all docs

14
docs citations

14
times ranked

1853
citing authors

#	ARTICLE	IF	CITATIONS
1	Flexible thin-film black gold membranes with ultrabroadband plasmonic nanofocusing for efficient solar vapour generation. <i>Nature Communications</i> , 2015, 6, 10103.	5.8	783
2	Broadband and ultrahigh optical haze thin films with self-aggregated alumina nanowire bundles for photovoltaic applications. <i>Energy and Environmental Science</i> , 2015, 8, 2650-2656.	15.6	55
3	Enhanced Upconversion Luminescence by Two-Dimensional Photonic Crystal Structure. <i>ACS Photonics</i> , 2019, 6, 1882-1888.	3.2	49
4	Enhancement of upconversion luminescence using photonic nanostructures. <i>Nanophotonics</i> , 2020, 9, 1359-1371.	2.9	42
5	Graded-lattice AAO photonic crystal heterostructure for high Q refractive index sensing. <i>RSC Advances</i> , 2015, 5, 71770-71777.	1.7	37
6	Scalable variable-index elasto-optic metamaterials for macroscopic optical components and devices. <i>Nature Communications</i> , 2017, 8, 16090.	5.8	24
7	Refractometric and colorimetric index sensing by a plasmon-coupled hybrid AAO nanotemplate. <i>RSC Advances</i> , 2015, 5, 103052-103059.	1.7	20
8	Nonlinear characterization of silica and chalcogenide microresonators. <i>Optica</i> , 2019, 6, 716.	4.8	20
9	Improvement of Light Extraction Efficiency in Flip-Chip Light Emitting Diodes on SiC Substrate via Transparent Haze Films with Morphology-Controlled Collapsed Alumina Nanorods. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 135-141.	4.0	18
10	Indium Tin Oxide Nanoparticle-Coated Silica Microsphere with Large Optical Nonlinearity and High Quality Factor. <i>ACS Photonics</i> , 2020, 7, 3042-3048.	3.2	9
11	Enhancement of third-order nonlinearity of thermally evaporated GeSbSe waveguides through annealing. <i>Optics Express</i> , 2019, 27, 33606.	1.7	9
12	Third-harmonic generation enhancement in an ITO nanoparticle-coated microresonator. <i>Optics Express</i> , 2020, 28, 30004.	1.7	7
13	Selective enhancement of upconversion luminescence for enhanced ratiometric sensing. <i>RSC Advances</i> , 2021, 11, 18205-18212.	1.7	4
14	Selective excitation of plasmon resonances with single V-point cylindrical vector beams. <i>Optics Express</i> , 2021, 29, 13071.	1.7	0