

Seongmin Ju

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4660489/publications.pdf>

Version: 2024-02-01

18
papers

209
citations

1163117

8
h-index

996975

15
g-index

19
all docs

19
docs citations

19
times ranked

234
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication and optical characteristics of large-core radial-firing optical fiber tip comprised of conically shaped air-pocket. <i>Optical Engineering</i> , 2021, 60, .	1.0	0
2	Effect of Temperature and Gamma-Ray Irradiation on Optical Characteristics of Fiber Bragg Grating Inscribed Radiation-Resistant Optical Fiber. <i>Photonic Sensors</i> , 2020, 10, 16-33.	5.0	6
3	Temperature Dependence of Faraday Rotation of Glass Optical Fibers Doped with Quantum Dots of CdSe and CdMnTe. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2019, 216, 1800549.	1.8	1
4	Effect of Ge Nanoparticles in the Core of Photonic Crystal Fiber on Supercontinuum Generation. <i>Journal of Nanomaterials</i> , 2019, 2019, 1-6.	2.7	2
5	Effect of Gamma-Ray Irradiation on the Growth of Au Nano-Particles Embedded in the Germano-Silicate Glass Cladding of the Silica Glass Fiber and its Surface Plasmon Resonance Response. <i>Sensors</i> , 2019, 19, 1666.	3.8	2
6	Luminescence and decay characteristics of Tb ³⁺ -doped fluorophosphate glasses. <i>Journal of Asian Ceramic Societies</i> , 2018, 6, 82-87.	2.3	38
7	Conically shaped radial-firing fiber tip comprised of air-pocket and its optical characteristics. , 2018, , .		0
8	Temperature and Vibration Dependence of the Faraday Effect of Gd ₂ O ₃ NPs-Doped Alumino-Silicate Glass Optical Fiber. <i>Sensors</i> , 2018, 18, 988.	3.8	14
9	UV Photoluminescence of Alumino-Germano-Silicate Glass Optical Fiber Incorporated with Gd ₂ O ₃ Nano-Particles Upon Illumination of Xenon-Lamp. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 2006-2009.	0.9	1
10	Spectroscopic Properties of Yb ³⁺ -Doped Silicate Glasses. <i>Zeitschrift Fur Physikalische Chemie</i> , 2017, 232, 51-60.	2.8	3
11	Surface Plasmon Resonance Characteristics of Optical Fiber Incorporated with Au Nano-Particles in Cladding Region. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 6308-6312.	0.9	3
12	Gamma-ray radiation response at 1550 nm of fluorine-doped radiation hard single-mode optical fiber. <i>Optics Express</i> , 2016, 24, 3910.	3.4	18
13	Effect of heat treatment of optical fiber incorporated with Au nano-particles on surface plasmon resonance. <i>Optical Materials Express</i> , 2015, 5, 1440.	3.0	9
14	Influence of gamma-ray irradiation on Faraday effect of Cu-doped germano-silicate optical fiber. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2015, 344, 39-43.	1.4	10
15	Experimental demonstration of surface plasmon resonance enhancement of the tapered optical fiber coated with Au/Ti thin film. <i>Journal of Non-Crystalline Solids</i> , 2014, 383, 146-152.	3.1	11
16	Development of a highly sensitive compact sized optical fiber current sensor. <i>Optics Express</i> , 2010, 18, 17096.	3.4	51
17	Particle size control of PbTe quantum dots incorporated in the germano-silicate glass optical fiber by heat treatment. <i>Journal of Non-Crystalline Solids</i> , 2010, 356, 2273-2276.	3.1	6
18	Enhanced current sensitivity in the optical fiber doped with CdSe quantum dots. <i>Optics Express</i> , 2009, 17, 3157.	3.4	34