

# Seongmin Ju

## List of Publications by Year in descending order

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