

# Dong-Jin Lee

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

199  
citations

1163117

8  
h-index

1058476

14  
g-index

27  
all docs

27  
docs citations

27  
times ranked

290  
citing authors

#	ARTICLE	IF	CITATIONS
1	Symmetric nonconfocal Fabry-Perot cavity with a stable long optical path length and improved tolerance for angular alignment. <i>Optical Engineering</i> , 2022, 60, .	1.0	1
2	3D hotspot matrix of Au nanoparticles on Au island film with a spacer layer of dithiol molecules for highly sensitive surface-enhanced Raman spectroscopy. <i>Scientific Reports</i> , 2021, 11, 22399.	3.3	2
3	UV Irradiation-Induced SERS Enhancement in Randomly Distributed Au Nanostructures. <i>Sensors</i> , 2020, 20, 3842.	3.8	3
4	Photobiomodulation Therapy in Mice with Chronic Cerebral Hypoperfusion Using Application-Specific Near-Infrared Light-Emitting Diode System. <i>Transactions on Electrical and Electronic Materials</i> , 2019, 20, 420-425.	1.9	1
5	Paper-Based, Hand-Painted Strain Sensor Based on ITO Nanoparticle Channels for Human Motion Monitoring. <i>IEEE Access</i> , 2019, 7, 77200-77207.	4.2	21
6	Hydrophobic Paper-Based SERS Sensor Using Gold Nanoparticles Arranged on Graphene Oxide Flakes. <i>Sensors</i> , 2019, 19, 5471.	3.8	27
7	Near-infrared light therapy for recovery of cerebral hypoperfusion induced by bilateral common carotid artery stenosis in mice. , 2019, , .		0
8	Room temperature monitoring of hydrogen peroxide vapor using platinum nanoparticles-decorated single-walled carbon nanotube networks. <i>Sensors and Actuators B: Chemical</i> , 2018, 256, 744-750.	7.8	32
9	Paper-based hydrogen peroxide sensors using porphyrin with central ions of Ti. , 2018, , .		1
10	Highly sensitive and flexible strain sensors based on patterned ITO nanoparticle channels. <i>Nanotechnology</i> , 2017, 28, 495501.	2.6	9
11	Bi-Assisted CdTe/CdS Hierarchical Nanostructure Growth for Photoconductive Applications. <i>Nanoscale Research Letters</i> , 2015, 10, 1037.	5.7	9
12	Real-time detection of chlorine gas using Ni/Si shell/core nanowires. <i>Nanoscale Research Letters</i> , 2015, 10, 18.	5.7	9
13	Highly selective ppb-level detection of NH <sub>3</sub> and NO <sub>2</sub> gas using patterned porous channels of ITO nanoparticles. <i>Sensors and Actuators B: Chemical</i> , 2015, 216, 482-487.	7.8	20
14	Selective adsorption of metal nanowires on molecularly patterned substrates using surface-to-volume ratio-dependent strategies. <i>Applied Physics Express</i> , 2014, 7, 115001.	2.4	2
15	Resonant wavelength tuning of localized plasmons in silver-aluminum nanoparticles. <i>Journal of the Korean Physical Society</i> , 2013, 63, 2098-2101.	0.7	3
16	Similarity Analysis for the Dispersion of Spiraling Modes on Metallic Nanowire to a Planar Thin Metal Layer. <i>Journal of the Optical Society of Korea</i> , 2013, 17, 538-542.	0.6	1
17	Heat Conduction Analysis of Metal Hybrid Die Adhesive Structure for High Power LED Package. <i>Korean Journal of Optics and Photonics</i> , 2013, 24, 342-346.	0.1	1
18	Surface plasmon resonance of centimeter-scale plasmonic crystal structures for sensor applications. <i>Microelectronic Engineering</i> , 2012, 98, 436-439.	2.4	0

#	ARTICLE	IF	CITATIONS
19	Magnetized SPR sensor for enhanced functionality. Optics Communications, 2012, 285, 3329-3331.	2.1	2
20	Beam Pattern Analysis of LED Reflector Design and Simplification of the Functional Design. Korean Journal of Optics and Photonics, 2012, 23, 222-226.	0.1	5
21	Optimum Designs of 2 Segment LED Reflectors for Various Light Output Distributions on the Surface of an LED Chip. Korean Journal of Optics and Photonics, 2012, 23, 269-273.	0.1	0
22	Tiny surface plasmon resonance sensor integrated on silicon waveguide based on vertical coupling into finite metal-insulator-metal plasmonic waveguide. Optics Express, 2011, 19, 19895.	3.4	16
23	A Study of the Upper Layer for Improvement of the Extraction Efficiency in LED. Korean Journal of Optics and Photonics, 2011, 22, 53-57.	0.1	1
24	Effective Restoration of Junction Coupling by Position Tuning of Inlet Holes in Photonic Crystal Waveguides. Journal of the Korean Physical Society, 2011, 58, 1587-1590.	0.7	0
25	A study of AFM-based scratch process on polycarbonate surface and grating application. Applied Surface Science, 2010, 256, 7668-7671.	6.1	32
26	Enhanced coupling efficiency into photonic crystal waveguides using modification of inlet holes. , 2010, , .		0
27	Electro-optic modulator mediated by metal-insulator-metal plasmonic waveguides. , 2009, , .		1