Dong-Jin Lee

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8014416/publications.pdf

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27	199	1163117 8	1058476 14
papers	citations	h-index	g-index

27	27	27	290
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A study of AFM-based scratch process on polycarbonate surface and grating application. Applied Surface Science, 2010, 256, 7668-7671.	6.1	32
2	Room temperature monitoring of hydrogen peroxide vapor using platinum nanoparticles-decorated single-walled carbon nanotube networks. Sensors and Actuators B: Chemical, 2018, 256, 744-750.	7.8	32
3	Hydrophobic Paper-Based SERS Sensor Using Gold Nanoparticles Arranged on Graphene Oxide Flakes. Sensors, 2019, 19, 5471.	3.8	27
4	Paper-Based, Hand-Painted Strain Sensor Based on ITO Nanoparticle Channels for Human Motion Monitoring. IEEE Access, 2019, 7, 77200-77207.	4.2	21
5	Highly selective ppb-level detection of NH3 and NO2 gas using patterned porous channels of ITO nanoparticles. Sensors and Actuators B: Chemical, 2015, 216, 482-487.	7.8	20
6	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
7	Bi-Assisted CdTe/CdS Hierarchical Nanostructure Growth for Photoconductive Applications. Nanoscale Research Letters, 2015, 10, 1037.	5.7	9
8	Real-time detection of chlorine gas using Ni/Si shell/core nanowires. Nanoscale Research Letters, 2015, 10, 18.	5.7	9
9	Highly sensitive and flexible strain sensors based on patterned ITO nanoparticle channels. Nanotechnology, 2017, 28, 495501.	2.6	9
10	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
11	Resonant wavelength tuning of localized plasmons in silver-aluminum nanoparticles. Journal of the Korean Physical Society, 2013, 63, 2098-2101.	0.7	3
12	UV Irradiation-Induced SERS Enhancement in Randomly Distributed Au Nanostructures. Sensors, 2020, 20, 3842.	3.8	3
13	Magnetized SPR sensor for enhanced functionality. Optics Communications, 2012, 285, 3329-3331.	2.1	2
14	Selective adsorption of metal nanowires on molecularly patterned substrates using surface-to-volume ratio-dependent strategies. Applied Physics Express, 2014, 7, 115001.	2.4	2
15	3D hotspot matrix of Au nanoparticles on Au island film with a spacer layer of dithiol molecules for highly sensitive surface-enhanced Raman spectroscopy. Scientific Reports, 2021, 11, 22399.	3.3	2
16	Electro-optic modulator meditated by metal-insulator-metal plasmonic waveguides. , 2009, , .		1
17	Similarity Analysis for the Dispersion of Spiraling Modes on Metallic Nanowire to a Planar Thin Metal Layer. Journal of the Optical Society of Korea, 2013, 17, 538-542.	0.6	1
18	Paper-based hydrogen peroxide sensors using porphyrin with central ions of Ti. , 2018, , .		1

#	Article	IF	Citations
19	Photobiomodulation Therapy in Mice with Chronic Cerebral Hypoperfusion Using Application-Specific Near-Infrared Light-Emitting Diode System. Transactions on Electrical and Electronic Materials, 2019, 20, 420-425.	1.9	1
20	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
21	Heat Conduction Analysis of Metal Hybrid Die Adhesive Structure for High Power LED Package. Korean Journal of Optics and Photonics, 2013, 24, 342-346.	0.1	1
22	Symmetric nonconfocal Fabryâ€“Perot cavity with a stable long optical path length and improved tolerance for angular alignment. Optical Engineering, 2022, 60, .	1.0	1
23	Enhanced coupling efficiency into photonic crystal waveguides using modification of inlet holes. , 2010, , .		0
24	Surface plasmon resonance of centimeter-scale plasmonic crystal structures for sensor applications. Microelectronic Engineering, 2012, 98, 436-439.	2.4	0
25	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
26	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
27	Near-infrared light therapy for recovery of cerebral hypoperfusion induced by bilateral common carotid artery stenosis in mice. , 2019, , .		0