

Phitsini Suvarnaphaet

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1530637/publications.pdf>

Version: 2024-02-01

19
papers

475
citations

1684188

5
h-index

1372567

10
g-index

19
all docs

19
docs citations

19
times ranked

951
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene-Based Materials for Biosensors: A Review. <i>Sensors</i> , 2017, 17, 2161.	3.8	351
2	Blue photoluminescent carbon nanodots from limeade. <i>Materials Science and Engineering C</i> , 2016, 69, 914-921.	7.3	49
3	Enhancement of Long-Range Surface Plasmon Excitation, Dynamic Range and Figure of Merit Using a Dielectric Resonant Cavity. <i>Sensors</i> , 2018, 18, 2757.	3.8	16
4	Measurement precision enhancement of surface plasmon resonance based angular scanning detection using deep learning. <i>Scientific Reports</i> , 2022, 12, 2052.	3.3	15
5	Quantitative Cross-Platform Performance Comparison between Different Detection Mechanisms in Surface Plasmon Sensors for Voltage Sensing. <i>Sensors</i> , 2018, 18, 3136.	3.8	12
6	Biodegradable Electrode patch made of Graphene/PHA for ECG detecting Applications. , 2019, , .		5
7	Analysis of Embedded Optical Interferometry in Transparent Elastic Grating for Optical Detection of Ultrasonic Waves. <i>Sensors</i> , 2021, 21, 2787.	3.8	5
8	Automated Screening of Cervical Cancer Cell Images. , 2018, , .		4
9	Fabryâ€™Perot Resonance in 2D Dielectric Grating for Figure of Merit Enhancement in Refractive Index Sensing. <i>Sensors</i> , 2021, 21, 4958.	3.8	4
10	Performance characterization of aspheric polymer lens formed by gravity and surface tension: A high magnification portable microscope for smartphone and tablet. , 2016, , .		3
11	Investigation on feasibility of using surface plasmons resonance (SPR) sensor for ultrasonic detection: A novel optical detection of ultrasonic waves. , 2016, , .		2
12	Low-cost instrumentation of Automated Whole â€™ slide Microscope for Biomedical Imaging. , 2018, , .		2
13	Compact Fluorescence Microscope for Smartphone and Tablet. <i>Applied Mechanics and Materials</i> , 2018, 879, 222-226.	0.2	2
14	Analysis of Dielectric Waveguide Grating and Fabryâ€™Perot Modes in Elastic Grating in Optical Detection of Ultrasound. <i>Sensors</i> , 2021, 21, 4081.	3.8	2
15	Fluorescence Detection of Hydrazine Hydrate Using Carbon Nanodots Synthesized from Mandarin Rind. <i>Applied Mechanics and Materials</i> , 2019, 891, 71-77.	0.2	1
16	Machine Learning to identify factors that affect Human Systolic Blood Pressure. , 2019, , .		1
17	Surface Plasmons Phase Imaging Microscopy using Deep Learning. , 2020, , .		1
18	Ergonomic add-on seat for wheelchair users. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
19	Quantum oscillation of conductance and negative tunneling magnetoresistance in velocity-modulated graphene spin-valve device. Journal of Physics: Conference Series, 2017, 901, 012033.	0.4	0