

# 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	Measurement precision enhancement of surface plasmon resonance based angular scanning detection using deep learning. <i>Scientific Reports</i> , 2022, 12, 2052.	3.3	15
2	Analysis of Embedded Optical Interferometry in Transparent Elastic Grating for Optical Detection of Ultrasonic Waves. <i>Sensors</i> , 2021, 21, 2787.	3.8	5
3	Analysis of Dielectric Waveguide Grating and Fabry-Perot Modes in Elastic Grating in Optical Detection of Ultrasound. <i>Sensors</i> , 2021, 21, 4081.	3.8	2
4	Fabry-Perot Resonance in 2D Dielectric Grating for Figure of Merit Enhancement in Refractive Index Sensing. <i>Sensors</i> , 2021, 21, 4958.	3.8	4
5	Surface Plasmons Phase Imaging Microscopy using Deep Learning. , 2020, , .		1
6	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
7	Machine Learning to identify factors that affect Human Systolic Blood Pressure. , 2019, , .		1
8	Biodegradable Electrode patch made of Graphene/PHA for ECG detecting Applications. , 2019, , .		5
9	Automated Screening of Cervical Cancer Cell Images. , 2018, , .		4
10	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
11	Low-cost instrumentation of Automated Whole - slide Microscope for Biomedical Imaging. , 2018, , .		2
12	Compact Fluorescence Microscope for Smartphone and Tablet. <i>Applied Mechanics and Materials</i> , 2018, 879, 222-226.	0.2	2
13	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
14	Quantum oscillation of conductance and negative tunneling magnetoresistance in velocity-modulated graphene spin-valve device. <i>Journal of Physics: Conference Series</i> , 2017, 901, 012033.	0.4	0
15	Graphene-Based Materials for Biosensors: A Review. <i>Sensors</i> , 2017, 17, 2161.	3.8	351
16	Investigation on feasibility of using surface plasmons resonance (SPR) sensor for ultrasonic detection: A novel optical detection of ultrasonic waves. , 2016, , .		2
17	Ergonomic add-on seat for wheelchair users. , 2016, , .		0
18	Performance characterization of aspheric polymer lens formed by gravity and surface tension: A high magnification portable microscope for smartphone and tablet. , 2016, , .		3

#	ARTICLE	IF	CITATIONS
19	Blue photoluminescent carbon nanodots from limeade. Materials Science and Engineering C, 2016, 69, 914-921.	7.3	49