

Agnes Purwidyantri

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

581
citations

840776

11
h-index

794594

19
g-index

22
all docs

22
docs citations

22
times ranked

830
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface Plasmon Resonance Optical Sensor: A Review on Light Source Technology. <i>Biosensors</i> , 2018, 8, 80.	4.7	271
2	Spin-coated Au-nanohole arrays engineered by nanosphere lithography for a <i>Staphylococcus aureus</i> 16S rRNA electrochemical sensor. <i>Biosensors and Bioelectronics</i> , 2016, 77, 1086-1094.	10.1	49
3	Au-spotted zinc oxide nano-hexagonrods structure for plasmon-photoluminescence sensor. <i>Sensors and Actuators B: Chemical</i> , 2019, 290, 100-109.	7.8	32
4	Speckled ZnO Nanoglass Electrochemical Sensor for <i>Staphylococcus epidermidis</i> Detection. <i>Journal of the Electrochemical Society</i> , 2017, 164, B205-B211.	2.9	27
5	Gold nanoparticle-assisted plasmonic enhancement for DNA detection on a graphene-based portable surface plasmon resonance sensor. <i>Nanotechnology</i> , 2021, 32, 095503.	2.6	22
6	A Colloidal Nanopatterning and Downscaling of a Highly Periodic Au Nanoporous EGFET Biosensor. <i>Journal of the Electrochemical Society</i> , 2018, 165, H3170-H3177.	2.9	20
7	Tunable Plasmonic SERS "Hotspots" on Au-Film Over Nanosphere by Rapid Thermal Annealing. <i>IEEE Nanotechnology Magazine</i> , 2017, 16, 551-559.	2.0	19
8	Plasmonic nanomaterial structuring for SERS enhancement. <i>RSC Advances</i> , 2019, 9, 4982-4992.	3.6	19
9	Facile Bacterial Cellulose Nanofibrillation for the Development of a Plasmonic Paper Sensor. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 3122-3131.	5.2	19
10	Influence of the Electrolyte Salt Concentration on DNA Detection with Graphene Transistors. <i>Biosensors</i> , 2021, 11, 24.	4.7	18
11	ZnO-Nanorod processed PC-SET as the light-harvesting model for plasmontronic fluorescence Sensor. <i>Sensors and Actuators B: Chemical</i> , 2020, 307, 127597.	7.8	16
12	Programmable graphene-based microfluidic sensor for DNA detection. <i>Sensors and Actuators B: Chemical</i> , 2022, 367, 132044.	7.8	13
13	Sensing performance of fibronectin-functionalized Au-EGFET on the detection of <i>S. epidermidis</i> biofilm and 16S rRNA of infection-related bacteria in peritoneal dialysis. <i>Sensors and Actuators B: Chemical</i> , 2015, 217, 92-99.	7.8	11
14	Effect of Pulsed Light Irradiation on Bioactive, Nonvolatile Components and Antioxidant Properties of Caterpillar Medicinal Mushroom <i>Cordyceps militaris</i> (Ascomycetes). <i>International Journal of Medicinal Mushrooms</i> , 2017, 19, 547-560.	1.5	10
15	Sensing Alzheimer's Disease Utilizing Au Electrode by Controlling Nanorestructuring. <i>Chemosensors</i> , 2022, 10, 94.	3.6	10
16	Photoelectrochemical Detection of β -amyloid Peptides by a TiO ₂ Nanobrush Biosensor. <i>IEEE Sensors Journal</i> , 2020, 20, 6248-6255.	4.7	9
17	Nano-film aluminum-gold for ultra-high dynamic-range surface plasmon resonance chemical sensor. <i>Frontiers of Optoelectronics</i> , 2019, 12, 286-295.	3.7	6
18	Gold Nanoframe Array Electrode for Straightforward Detection of Hydrogen Peroxide. <i>Chemosensors</i> , 2021, 9, 37.	3.6	6

#	ARTICLE	IF	CITATIONS
19	Programming a nonvolatile memory-like sensor for KRAS gene sensing and signal enhancement. Biosensors and Bioelectronics, 2016, 79, 63-70.	10.1	3
20	Tunable plasmonic Au-film over nanosphere SERS substrate by rapid thermal annealing. , 2016, , .		1
21	Au-nanoarray by nanosphere lithography sensors for Staphylococcus aureus 16S rRNA. , 2016, , .		0
22	The Trade-Off Performance of Surface Plasmon Resonance Sensing Utilizing Thin Layer Oxide Under the Metal Layer. , 2019, , .		0