

# Siti Rabizah Makhsin

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

121  
citations

2258059

3  
h-index

2053705

5  
g-index

16  
all docs

16  
docs citations

16  
times ranked

152  
citing authors

#	ARTICLE	IF	CITATIONS
1	Facile fabrication method and decent humidity sensing of anodised nanotubular Ta <sub>2</sub> O <sub>5</sub> on Ta foil substrate. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 3065-3080.	2.2	2
2	Determination of the pH sensitivity level of anodized Ta <sub>2</sub> O <sub>5</sub> nanotubular using pH buffer solution: Towards engine oil deterioration sensor. , 2021, , .		1
3	Effect of Sodium Nitrate on the Formation of Graphene Oxide via Modified Hummers Method for Sensors Application. , 2021, , .		2
4	Facile microwave-assisted synthesis of agarose hydrogel for fibre optic biosensors application. , 2021, , .		1
5	Humidity Response of Ta <sub>2</sub> O <sub>5</sub> Sensor at Different Bias Voltages. , 2020, , .		2
6	Optimization Synthesis and Biosensing Performance of an Acrylate-Based Hydrogel as an Optical Waveguiding Sensing Film. <i>Analytical Chemistry</i> , 2020, 92, 14907-14914.	6.5	10
7	Electrodeposited Cu <sub>2</sub> O Microstructure as an Effective Ultraviolet (UV) Sensor Operating at Low Bias Voltages. , 2019, , .		0
8	Surface modification of titanium-coated glass substrate embedded acrylate-based hydrogel film for optical metal clad leaky waveguide (MCLW) biosensors. , 2017, , .		4
9	Synthesis of Gold Nanoparticles and Its Conjugation Strategies to Biomolecules for Biomedical Applications. <i>Reviews in Advanced Sciences and Engineering</i> , 2015, 4, 3-21.	0.6	2
10	The effects of size and synthesis methods of gold nanoparticle-conjugated M $\hat{=}$ HlgG <sub>4</sub> for use in an immunochromatographic strip test to detect brugian filariasis. <i>Nanotechnology</i> , 2012, 23, 495719.	2.6	59
11	Effects of metal electrodes and dielectric thickness on non-volatile memory with embedded gold nanoparticles in polymethylsilsesquioxane. <i>Microelectronic Engineering</i> , 2012, 98, 74-79.	2.4	8
12	Study on Tungsten Oxide (WO <sub>3</sub> ) Nanostructures Formation via Seeded Growth Hydrothermal Reaction. <i>Applied Mechanics and Materials</i> , 0, 83, 204-209.	0.2	0
13	Study on Controlled Size, Shape and Dispersity of Gold Nanoparticles (AuNPs) Synthesized via Seeded-Growth Technique for Immunoassay Labeling. <i>Advanced Materials Research</i> , 0, 364, 504-509.	0.3	9
14	Green Synthesis of 10 nm Gold Nanoparticles via Seeded-Growth Method and its Conjugation Properties on Lateral Flow Immunoassay. <i>Advanced Materials Research</i> , 0, 686, 8-12.	0.3	19
15	Development of Silver-Coated Gold Nanoparticles and its Conjugation for Labeling on Lateral Flow Immunoassay. <i>Advanced Materials Research</i> , 0, 1024, 273-276.	0.3	0
16	Agarose-Chitosan Based Hydrogel Waveguide Matrix: Comparison Synthesis and Performance for Optical Leaky Waveguide (OLW) Biosensor. <i>Solid State Phenomena</i> , 0, 301, 87-96.	0.3	2