

## Digital Receipt

This receipt acknowledges that <u>Turnitin</u> received your paper. Below you will find the receipt information regarding your submission.

The first page of your submissions is displayed below.

Submission author: SRITAM BISWAS

Assignment title: Physics

Submission title: Fabrication of sensitive SERS substrates on low-cost platfor...

File name: Title\_Abstract\_Chapters.pdf

File size: 408.49K

Page count: 55

Word count: 17,272 Character count: 92,967

Submission date: 11-Jul-2024 10:32AM (UTC+0530)

Submission ID: 2414663495

Fabrication of sensitive SERS substrates on low-cost platform and their applications in chemical and biomolecular detection

A thesis submitted in partial fulfillment of the requirements for the degree of Doctor of Philosophy

by

SRITAM BISWAS Registration Number: TZ203866 of 2022



DEPARTMENT OF PHYSICS SCHOOL OF SCIENCES TEZPUR UNIVERSITY, ASSAM INDIA-784028 July, 2024

## Fabrication of sensitive SERS substrates on low-cost platform and their applications in chemical and biomolecular detection

dete	ection				
ORIGINA	ALITY REPORT				
90 SIMILA	<b>%</b> RITY INDEX	6% INTERNET SOURCES	<b>7</b> % PUBLICATIONS	3% STUDENT	PAPERS
PRIMAR	Y SOURCES				
1	Javier Aiz al. "Prese	nger, Dorleta Ji zpurua, Ramon ent and Future scattering", ACS	A. Alvarez-Pu of Surface-En	ebla et	1 %
2	atrium.lib.uoguelph.ca Internet Source				<1%
3	www.science.gov Internet Source				<1%
4	Ana Maria Mihaela Gherman, Valer Tosa. "Local electric field enhancement in cuboid gold nanoparticle for SERS applications", AIP Publishing, 2020 Publication				<1%
5	biomaterialsres.biomedcentral.com Internet Source				<1%
	Rakesh k	Kumar Saini As	hok Kumar Sh	narma	.1

Rakesh Kumar Saini, Ashok Kumar Sharma, Ajay Agarwal, Rahul Prajesh. "Near field FEM

Exclude quotes On Exclude matches < 14 words

Exclude bibliography On