



*nanomaterials*



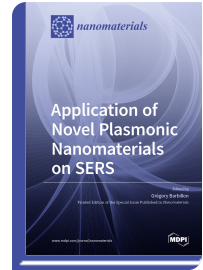
*Special Issue Reprint*

## **Application of Novel Plasmonic Nanomaterials on SERS**

[www.mdpi.com/books/reprint/3173](http://www.mdpi.com/books/reprint/3173)

Edited by  
Grégory Barbillon

ISBN 978-3-03943-919-5 (Hardback)  
ISBN 978-3-03943-920-1 (PDF)



Surface-enhanced Raman scattering (SERS) is a research technique that was discovered in the mid-1970s. SERS is a powerful and fast tool for analysis, which has a high detection sensitivity for a great number of chemical and biological molecules. However, it is in this last decade that a very significant explosion of the fabrication of highly sensitive SERS substrates has occurred using novel designs of plasmonic nanostructures and novel fabrication techniques of the latter, as well as new plasmonic materials and hybrid nanomaterials. Thus, this Special Issue is dedicated to reporting on the latest advances in novel plasmonic nanomaterials that are applied to the SERS domain. These developments are illustrated through several articles and reviews written by researchers in this field from around the world.



Order Your Print Copy  
You can order print copies at  
[www.mdpi.com/books/reprint/3173](http://www.mdpi.com/books/reprint/3173)

MDPI Books offers quality open access book publishing to promote the exchange of ideas and knowledge in a globalized world. MDPI Books encompasses all the benefits of open access – high availability and visibility, as well as wide and rapid dissemination. With MDPI Books, you can complement the digital version of your work with a high quality printed counterpart.



## Open Access

Your scholarly work is accessible worldwide without any restrictions. All authors retain the copyright for their work distributed under the terms of the Creative Commons Attribution License.



## Author Focus

Authors and editors profit from MDPI's over two decades of experience in open access publishing, our customized personal support throughout the entire publication process, and competitive processing charges as well as unique contributor discounts on book purchases.



## High Quality & Rapid Publication

MDPI ensures a thorough review for all published items and provides a fast publication procedure. State-of-the-art research and time-sensitive topics are released with a minimum amount of delay.



## High Visibility

Due to our global network and well-known channel partners, we ensure maximum visibility and broad dissemination. Title information of books is sent to international indexing databases and archives, such as the Directory of Open Access Books (DOAB), and the Verzeichnis Lieferbarer Bücher (VLB).



## Print on Demand and Multiple Formats

MDPI Books are available for purchase and to read online at any time. Our print-on-demand service offers a sustainable, cost-effective and fast way to publish MDPI Books printed versions.