1. Record Nr. UNICAMPANIASUN0055663

Autore	Kelley, John Leroy
Titolo	Measure and integral 1 / John L. Kelley, T. P. Srinivasan
Pubbl/distr/stampa	New York [etc.], : Springer, 1988
ISBN	978-03-87966-33-5
Descrizione fisica	X, 150 p. ; 25 cm.
Altri autori (Persone)	Srinivasan, T. P.
Soggetti	28-XX - Measure and integration [MSC 2020]
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910557222103321

Autore	Alessandri Ivano
Titolo	Surface Enhanced Raman Scattering: New Theoretical Approaches, Materials and Strategies
Pubbl/distr/stampa	Frontiers Media SA, 2020
Descrizione fisica	1 online resource (175 p.)
Soggetti	Science: general issues
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Fostered by the remarkable progress in the fabrication of nanoparticles and nanostructures, in the last years Surface-Enhanced Raman scattering (SERS) has reached an impressive diffusion in many fields of chemistry and analytical sciences. Several exciting results have been recently reported in SERS-based ultrasensitive detection and molecular

imaging. However, more than forty years after its discovery, conventional SERS is still struggling to make its way as a reliable analytical method. The remarkable enhancement of the local electromagnetic field achieved by plasmonic nanostructures is indeed a double-edged sword, as in pushing the sensitivity to the ultimate level, it strongly limits accuracy and reproducibility of the Raman data. In this context, non-plasmonic or hybrid plasmon/dielectric systems are emerging as a promising alternative/complement to conventional SERS. Core/shell systems like T-rex or SHiNERS are only a few examples of these novel SERS-active platforms. In parallel, new theoretical models, based on quantum optomechanical approaches have been recently proposed and developed for describing and predicting plasmonic, non-plasmonic and hybrid (e.g. photo-induced enhanced Raman scattering, PIERS) SERS, also including opto-thermal effects. Moreover, the next-generation of SERS-active materials is facing new challenges in terms of detection strategies, integration with complementary methods and stimuli responsiveness. This Research Topic collects the most recent advances in SERS and related effects, from the viewpoint of theory/models, materials and detection strategies, providing an up-to-date forum for setting the basis for future research in this vibrant field.

3. Record Nr. UNINA9910135465903321

Titolo	Journal of the American Academy of Psychiatry and the Law online
Pubbl/distr/stampa	Bloomfield, CT, : The Academy
ISSN	1943-3662
Disciplina	614/.19 614
Soggetti	Forensic psychiatry Forensic Psychiatry Psychiatrie medico-legale Droit law (discipline) Periodical Periodicals.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Refereed/Peer-reviewed