# Alessio Sacco

List of Publications by Year
in descending order



| 10 | 120 | 1306789 7 | 1372195 10 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 10 | 10 | 10 | 152 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | In situ seed-growth synthesis of silver nanoplates on glass for the detection of food contaminants by surface enhanced Raman scattering. Talanta, 2020, 216, 120936. | 2.9 | 34 |
| 2 | Towards a traceable enhancement factor in surface-enhanced Raman spectroscopy. Journal of Materials Chemistry C, 2020, 8, 16513-16519. | 2.7 | 19 |
| 3 | New frontiers against antibiotic resistance: A Raman-based approach for rapid detection of bacterial susceptibility and biocide-induced antibiotic cross-tolerance. Sensors and Actuators B: Chemical, 2020, 309, 127774. | 4.0 | 19 |
| 4 | Flexible and Transparent Substrates Based on Gold Nanoparticles and TiO2 for in Situ Bioanalysis by Surface-Enhanced Raman Spectroscopy. Biosensors, 2019, 9, 145. | 2.3 | 11 |
| 5 | Molecular Aspects of the Interaction with Gram-Negative and Gram-Positive Bacteria of Hydrothermal Carbon Nanoparticles Associated with Bac8c<sup>2,5Leu</sup> Antimicrobial Peptide. ACS Omega, 2022, 7, 16402-16413. | 1.6 | 9 |
| 6 | Development of a candidate reference sample for the characterization of tip-enhanced Raman spectroscopy spatial resolution. RSC Advances, 2018, 8, 27863-27869. | 1.7 | 7 |
| 7 | Novel Approaches in Tip-Enhanced Raman Spectroscopy: Accurate Measurement of Enhancement Factors and Pesticide Detection in Tip Dimer Configuration. Journal of Physical Chemistry C, 2019, 123, 24723-24730. | 1.5 | 7 |
| 8 | International interlaboratory comparison of Raman spectroscopic analysis of CVD-grown graphene. 2D Materials, 2022, 9, 035010. | 2.0 | 7 |
| 9 | Hyperspectral Chemical Imaging of Single Bacterial Cell Structure by Raman Spectroscopy and Machine Learning. Applied Sciences (Switzerland), 2021, 11, 3409. | 1.3 | 5 |
| 10 | Graphene edge method for threeâ€dimensional probing of Raman microscopes focal volumes. Journal of Raman Spectroscopy, 2021, 52, 1671. | 1.2 | 2 |