

Anja Silge

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

194
citations

1040056

9
h-index

1199594

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13
all docs

13
docs citations

13
times ranked

303
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Trends in pharmaceutical analysis and quality control by modern Raman spectroscopic techniques. <i>TrAC - Trends in Analytical Chemistry</i> , 2022, 153, 116623. | 11.4 | 27 |
| 2 | FLIM data analysis based on Laguerre polynomial decomposition and machine-learning. <i>Journal of Biomedical Optics</i> , 2021, 26, . | 2.6 | 3 |
| 3 | A polyene toxin produced by an antagonistic bacterium blinds and lyses a Chlamydomonad alga. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, . | 7.1 | 19 |
| 4 | COVID-19 Diagnostics: Past, Present, and Future. <i>ACS Photonics</i> , 2021, 8, 2827-2838. | 6.6 | 12 |
| 5 | A Machine Learning-Based Raman Spectroscopic Assay for the Identification of <i>Burkholderia mallei</i> and Related Species. <i>Molecules</i> , 2019, 24, 4516. | 3.8 | 22 |
| 6 | Raman spectroscopy-based identification of toxoid vaccine products. <i>Npj Vaccines</i> , 2018, 3, 50. | 6.0 | 6 |
| 7 | The application of UV resonance Raman spectroscopy for the differentiation of clinically relevant <i>Candida</i> species. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 5839-5847. | 3.7 | 17 |
| 8 | The interaction of an amino-modified ZrO ₂ nanomaterial with macrophages – an in situ investigation by Raman microspectroscopy. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 5935-5943. | 3.7 | 7 |
| 9 | ZrO ₂ nanoparticles labeled via a native protein corona: detection by fluorescence microscopy and Raman microspectroscopy in rat lungs. <i>Analyst</i> , 2015, 140, 5120-5128. | 3.5 | 12 |
| 10 | Shedding light on host niches: label-free <i>in situ</i> detection of <i>Mycobacterium gordonae</i> via carotenoids in macrophages by Raman microspectroscopy. <i>Cellular Microbiology</i> , 2015, 17, 832-842. | 2.1 | 23 |
| 11 | Comparative two- and three-dimensional analysis of nanoparticle localization in different cell types by Raman spectroscopic imaging. <i>Journal of Molecular Structure</i> , 2014, 1073, 44-50. | 3.6 | 17 |
| 12 | Identification of water-conditioned <i>Pseudomonas aeruginosa</i> by Raman microspectroscopy on a single cell level. <i>Systematic and Applied Microbiology</i> , 2014, 37, 360-367. | 2.8 | 28 |