

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

12
g-index

13
all docs

13
docs citations

13
times ranked

303
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	A polyne toxin produced by an antagonistic bacterium blinds and lyses a <i>Chlamydomonas</i> alga. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	19
6	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
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	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
9	COVID-19 Diagnostics: Past, Present, and Future. <i>ACS Photonics</i> , 2021, 8, 2827-2838.	6.6	12
10	The interaction of an amino-modified ZrO ₂ nanomaterial with macrophages – an <i>in situ</i> investigation by Raman microspectroscopy. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 5935-5943.	3.7	7
11	Raman spectroscopy-based identification of toxoid vaccine products. <i>Npj Vaccines</i> , 2018, 3, 50.	6.0	6
12	FLIM data analysis based on Laguerre polynomial decomposition and machine-learning. <i>Journal of Biomedical Optics</i> , 2021, 26, .	2.6	3