

Dmitry Malyshev

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

187
citations

1684188

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1588992

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10
docs citations

10
times ranked

212
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | Electrically induced bacterial membrane-potential dynamics correspond to cellular proliferation capacity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 9552-9557. | 7.1 | 101 |
| 2 | Mode of Action of Disinfection Chemicals on the Bacterial Spore Structure and Their Raman Spectra. <i>Analytical Chemistry</i> , 2021, 93, 3146-3153. | 6.5 | 34 |
| 3 | Laser induced degradation of bacterial spores during micro-Raman spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 265, 120381. | 3.9 | 19 |
| 4 | Biophysical fingerprinting of single bacterial spores using laser Raman optical tweezers. , 2020, , . | | 12 |
| 5 | Model of microwave effects on bacterial spores. <i>Journal of Applied Physics</i> , 2019, 125, . | 2.5 | 7 |
| 6 | Reactive oxygen species generated by infrared laser light in optical tweezers inhibits the germination of bacterial spores. <i>Journal of Biophotonics</i> , 2022, 15, e202200081. | 2.3 | 7 |
| 7 | Rapid Detection of Proliferative Bacteria by Electrical Stimulation. <i>Bio-protocol</i> , 2020, 10, e3508. | 0.4 | 3 |
| 8 | Synthetic NAC 71-82 Peptides Designed to Produce Fibrils with Different Protofilament Interface Contacts. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9334. | 4.1 | 2 |
| 9 | Reference Raman spectrum and mapping of <i>Cryptosporidium parvum</i> oocysts. <i>Journal of Raman Spectroscopy</i> , 2022, 53, 1293-1301. | 2.5 | 2 |