

# Dmitry Malyshev

## List of Publications by Year in descending order

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9  
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1684188  
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docs citations

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212  
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#	ARTICLE	IF	CITATIONS
1	Laser induced degradation of bacterial spores during micro-Raman spectroscopy. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 265, 120381.	3.9	19
2	Reference Raman spectrum and mapping of <i>Cryptosporidium parvum</i> oocysts. Journal of Raman Spectroscopy, 2022, 53, 1293-1301.	2.5	2
3	Reactive oxygen species generated by infrared laser light in optical tweezers inhibits the germination of bacterial spores. Journal of Biophotonics, 2022, 15, e202200081.	2.3	7
4	Mode of Action of Disinfection Chemicals on the Bacterial Spore Structure and Their Raman Spectra. Analytical Chemistry, 2021, 93, 3146-3153.	6.5	34
5	Synthetic NAC 71-82 Peptides Designed to Produce Fibrils with Different Protofilament Interface Contacts. International Journal of Molecular Sciences, 2021, 22, 9334.	4.1	2
6	Biophysical fingerprinting of single bacterial spores using laser Raman optical tweezers. , 2020, , .		12
7	Rapid Detection of Proliferative Bacteria by Electrical Stimulation. Bio-protocol, 2020, 10, e3508.	0.4	3
8	Electrically induced bacterial membrane-potential dynamics correspond to cellular proliferation capacity. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 9552-9557.	7.1	101
9	Model of microwave effects on bacterial spores. Journal of Applied Physics, 2019, 125, .	2.5	7