

# Yong-Qing Li

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2143757/publications.pdf>

Version: 2024-02-01

40  
papers

1,506  
citations

430442

18  
h-index

414034

32  
g-index

40  
all docs

40  
docs citations

40  
times ranked

1256  
citing authors

#	ARTICLE	IF	CITATIONS
1	Absorption of magnons in dispersively coupled hybrid quantum systems. <i>Physical Review A</i> , 2021, 103, .	1.0	18
2	Polarization Splitter-Rotator Based on Multimode Waveguide Grating. <i>Crystals</i> , 2021, 11, 1170.	1.0	3
3	Characterization of Heterogeneity and Dynamics of Lysis of Single <i>Bacillus subtilis</i> Cells upon Prophage Induction During Spore Germination, Outgrowth, and Vegetative Growth Using Raman Tweezers and Live-Cell Phase-Contrast Microscopy. <i>Analytical Chemistry</i> , 2021, 93, 1443-1450.	3.2	5
4	Properties of Aged Spores of <i>Bacillus subtilis</i> . <i>Journal of Bacteriology</i> , 2019, 201, .	1.0	21
5	Effects of lowering water activity by various humectants on germination of spores of <i>Bacillus</i> species with different germinants. <i>Food Microbiology</i> , 2018, 72, 112-127.	2.1	22
6	Germination, Outgrowth, and Vegetative-Growth Kinetics of Dry-Heat-Treated Individual Spores of <i>Bacillus</i> Species. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	1.4	13
7	Raman characterizations of red blood cells with $\hat{\text{I}}^2$ -thalassemia using laser tweezers Raman spectroscopy. <i>Medicine (United States)</i> , 2018, 97, e12611.	0.4	7
8	Temporal Dependence of Photophoretic Force Optically Induced on Absorbing Airborne Particles by a Power-Modulated Laser. <i>Physical Review Applied</i> , 2018, 10, .	1.5	7
9	A <i>Clostridium difficile</i> -Specific, Gel-Forming Protein Required for Optimal Spore Germination. <i>MBio</i> , 2017, 8, .	1.8	37
10	Stable optical trapping and sensitive characterization of nanostructures using standing-wave Raman tweezers. <i>Scientific Reports</i> , 2017, 7, 42930.	1.6	38
11	Germination of Spores of the Orders <i>Bacillales</i> and <i>Clostridiales</i> . <i>Annual Review of Microbiology</i> , 2017, 71, 459-477.	2.9	170
12	Analysis of the Germination of Individual <i>Clostridium sporogenes</i> Spores with and without Germinant Receptors and Cortex-Lytic Enzymes. <i>Frontiers in Microbiology</i> , 2017, 8, 2047.	1.5	21
13	Probing the Kinetic Anabolism of Poly-Beta-Hydroxybutyrate in <i>Cupriavidus necator</i> H16 Using Single-Cell Raman Spectroscopy. <i>Sensors</i> , 2016, 16, 1257.	2.1	13
14	Use of Raman Spectroscopy and Phase-Contrast Microscopy To Characterize Cold Atmospheric Plasma Inactivation of Individual Bacterial Spores. <i>Applied and Environmental Microbiology</i> , 2016, 82, 5775-5784.	1.4	39
15	Poly(3-hydroxybutyrate) anabolism in <i>Cupriavidus necator</i> cultivated at various carbon-to-nitrogen ratios: insights from single-cell Raman spectroscopy. <i>Journal of Biomedical Optics</i> , 2016, 21, 097005.	1.4	6
16	Effects of High-Pressure Treatment on Spores of <i>Clostridium</i> Species. <i>Applied and Environmental Microbiology</i> , 2016, 82, 5287-5297.	1.4	32
17	Uptake and levels of the antibiotic berberine in individual dormant and germinating <i>Clostridium difficile</i> and <i>Bacillus cereus</i> spores as measured by laser tweezers Raman spectroscopy. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 1540-1546.	1.3	19
18	Uptake of and Resistance to the Antibiotic Berberine by Individual Dormant, Germinating and Outgrowing <i>Bacillus</i> Spores as Monitored by Laser Tweezers Raman Spectroscopy. <i>PLoS ONE</i> , 2015, 10, e0144183.	1.1	8

#	ARTICLE	IF	CITATIONS
19	Slow Leakage of Ca-Dipicolinic Acid from Individual Bacillus Spores during Initiation of Spore Germination. <i>Journal of Bacteriology</i> , 2015, 197, 1095-1103.	1.0	36
20	Characterization of the Dynamic Germination of Individual Clostridium difficile Spores Using Raman Spectroscopy and Differential Interference Contrast Microscopy. <i>Journal of Bacteriology</i> , 2015, 197, 2361-2373.	1.0	60
21	Memory of Germinant Stimuli in Bacterial Spores. <i>MBio</i> , 2015, 6, e01859-15.	1.8	19
22	Monitoring of Commitment, Blocking, and Continuation of Nutrient Germination of Individual Bacillus subtilis Spores. <i>Journal of Bacteriology</i> , 2014, 196, 2443-2454.	1.0	21
23	Chemical insights into dodecylamine spore lethal germination. <i>Chemical Science</i> , 2014, 5, 3320-3324.	3.7	5
24	Rapid confocal Raman imaging using a synchro multifoci-scan scheme for dynamic monitoring of single living cells. <i>Applied Physics Letters</i> , 2011, 98, .	1.5	44
25	Characterization of bacterial spore germination using phase-contrast and fluorescence microscopy, Raman spectroscopy and optical tweezers. <i>Nature Protocols</i> , 2011, 6, 625-639.	5.5	123
26	Monitoring the Kinetics of Uptake of a Nucleic Acid Dye during the Germination of Single Spores of Bacillus Species. <i>Analytical Chemistry</i> , 2010, 82, 8717-8724.	3.2	42
27	Characterization of Bacterial Spore Germination Using Integrated Phase Contrast Microscopy, Raman Spectroscopy, and Optical Tweezers. <i>Analytical Chemistry</i> , 2010, 82, 3840-3847.	3.2	72
28	Raman tweezers provide the fingerprint of cells supporting the late stages of KSHV reactivation. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 1920-1932.	1.6	4
29	Detection of Bacillus thuringiensis Spore Germination via CaDPA Biomarker Using Laser Tweezers Raman Spectroscopy. , 2007, , .		0
30	Depolarized Raman spectroscopy of Optically Trapped Cells for Rapid Identification of Microorganisms. , 2007, , .		0
31	Detection of bacillus thuringiensis spore germination via CaDPA biomarker using laser tweezers raman spectroscopy. , 2007, , .		0
32	Real-Time Detection of Kinetic Germination and Heterogeneity of Single Bacillus Spores by Laser Tweezers Raman Spectroscopy. <i>Analytical Chemistry</i> , 2006, 78, 6936-6941.	3.2	113
33	Pulsed optical tweezers for levitation and manipulation of stuck biological particles. , 2005, , .		1
34	Detection of activation states of T cells with Raman-tweezers spectroscopy. , 2005, , .		0
35	Confocal micro-Raman spectroscopy of single biological cells using optical trapping and shifted excitation difference techniques. <i>Journal of Applied Physics</i> , 2003, 93, 2982-2986.	1.1	133
36	Raman spectra and optical trapping of highly refractive and nontransparent particles. <i>Applied Physics Letters</i> , 2002, 81, 951-953.	1.5	36

#	ARTICLE	IF	CITATIONS
37	Near-infrared Raman spectroscopy of single optically trapped biological cells. Optics Letters, 2002, 27, 249.	1.7	317
38	Direct measurement of asymmetric dynamic motion and cross-correlation of a Rayleigh particle in an optical trap. , 2001, , .		0
39	Quasi-elastic light scattering of laser-trapped biological particles. , 2000, , .		1
40	Quantum state manipulation via Raman coherence. , 0, , .		0