

# Qifeng Li

## List of Publications by Year in descending order

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54  
papers

798  
citations

623734

14  
h-index

526287

27  
g-index

55  
all docs

55  
docs citations

55  
times ranked

989  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structures of Water Molecules at the Interfaces of Aqueous Salt Solutions and Silica: Cation Effects. <i>Journal of Physical Chemistry C</i> , 2009, 113, 8201-8205.	3.1	104
2	Electronic and Conformational Properties of the Conjugated Polymer MEH-PPV at a Buried Film/Solid Interface Investigated by Two-Dimensional IR-Visible Sum Frequency Generation. <i>Journal of Physical Chemistry B</i> , 2008, 112, 2315-2318.	2.6	61
3	Surface Structure Relaxation of Poly(methyl methacrylate). <i>Journal of Physical Chemistry B</i> , 2008, 112, 694-697.	2.6	58
4	Subdiffraction-Limit Two-Photon Fluorescence Microscopy for GFP-Tagged Cell Imaging. <i>Biophysical Journal</i> , 2009, 97, 3224-3228.	0.5	57
5	Surface-enhanced IR-visible sum frequency generation vibrational spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 3436.	2.8	48
6	Nonlinear Optical Properties of Schiff-Base-Containing Conductive Polymer Films Electrodeposited in Microgravity. <i>Advanced Materials</i> , 2008, 20, 2280-2284.	21.0	45
7	Competitive Adsorption of Toluene and <i>n</i> -Alkanes at Binary Solution/Silica Interfaces. <i>Journal of Physical Chemistry C</i> , 2009, 113, 20355-20359.	3.1	36
8	NO adsorption behaviors of the MnO catalysts in lean-burn atmospheres. <i>Journal of Hazardous Materials</i> , 2013, 260, 543-551.	12.4	36
9	Single-Drop Raman Imaging Exposes the Trace Contaminants in Milk. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 6274-6281.	5.2	29
10	On-line multi-component analysis of gases for mud logging industry using data driven Raman spectroscopy. <i>Fuel</i> , 2017, 207, 146-153.	6.4	24
11	Selective Recognition of Rituximab-Functionalized Gold Nanoparticles by Lymphoma Cells Studied with 3D Imaging. <i>Journal of Physical Chemistry C</i> , 2009, 113, 20252-20258.	3.1	21
12	Channel switching effect in photodissociating N <sub>2</sub> O <sup>+</sup> ion at 312.5 nm. <i>Journal of Chemical Physics</i> , 2004, 121, 3069-3073.	3.0	20
13	Bitumen-silica interactions in the presence of hydrophilic ionic liquids. <i>Fuel</i> , 2018, 233, 860-866.	6.4	16
14	Structures of Water Molecules at Solvent/Silica Interfaces. <i>Langmuir</i> , 2010, 26, 16397-16400.	3.5	15
15	Spectroscopic study of N <sub>2</sub> O <sup>+</sup> (A <sup>2</sup> Σ <sup>+</sup> ) by photofragment excitation spectrum. <i>Journal of Chemical Physics</i> , 2003, 119, 11609-11614.	3.0	14
16	On-chip Fourier transform spectrometers by dual-polarized detection. <i>Optics Letters</i> , 2019, 44, 2923.	3.3	14
17	Note: A NDIR instrument for multicomponent gas detection using the galvanometer modulation. <i>Review of Scientific Instruments</i> , 2017, 88, 116103.	1.3	13
18	A calibration transfer methodology for Standardization of Raman instruments with different spectral resolutions using Double Digital Projection Slit. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2019, 191, 143-147.	3.5	12

#	ARTICLE	IF	CITATIONS
19	Enhancing the signal-to-noise ratio of FTIR spectrometers by a digital J-Stop. <i>Optics Express</i> , 2017, 25, 19077.	3.4	11
20	Insights into the conformation changes of SARS-CoV-2 spike receptor-binding domain on graphene. <i>Applied Surface Science</i> , 2021, , 151934.	6.1	11
21	Conditional Generative Adversarial Network for Spectral Recovery to Accelerate Single-Cell Raman Spectroscopic Analysis. <i>Analytical Chemistry</i> , 2022, 94, 577-582.	6.5	11
22	Improving the resolution and the throughput of spectrometers by a digital projection slit. <i>Optics Express</i> , 2017, 25, 23045.	3.4	10
23	Nondestructive detection of triclosan in antibacterial hand soaps using digitally labelled Raman spectroscopy. <i>Analytical Methods</i> , 2017, 9, 3720-3726.	2.7	8
24	An active hyperspectral imaging system based on a multi-LED light source. <i>Review of Scientific Instruments</i> , 2019, 90, 026107.	1.3	8
25	Research Progress of Gliomas in Machine Learning. <i>Cells</i> , 2021, 10, 3169.	4.1	8
26	Speeding up Raman spectral imaging by the three-dimensional low rank estimation method. <i>Optics Express</i> , 2018, 26, 525.	3.4	7
27	Polarization-Dependent Ultrasensitive Dynamic Wrinkling on Floating Films Induced by Photo-Oriented Azopolymer. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	7
28	2PE-STED Microscopy with a Single Ti: Sapphire Laser for Reduced Illumination. <i>PLoS ONE</i> , 2014, 9, e88464.	2.5	6
29	Raman Spectroscopy for Pharmaceutical Quantitative Analysis by Low-Rank Estimation. <i>Frontiers in Chemistry</i> , 2018, 6, 400.	3.6	6
30	Real-Time Analysis of Potassium in Infant Formula Powder by Data-Driven Laser-Induced Breakdown Spectroscopy. <i>Frontiers in Chemistry</i> , 2018, 6, 325.	3.6	6
31	On-line detection of radioactive and non-radioactive heavy metals in tobacco smoke using portable laser-induced breakdown spectroscopy. <i>Analyst, The</i> , 2019, 144, 3567-3572.	3.5	6
32	Identification of WHO II/III Gliomas by 16 Prognostic-related Gene Signatures using Machine Learning Methods. <i>Current Medicinal Chemistry</i> , 2022, 29, 1622-1639.	2.4	6
33	On-chip polarization-insensitive Fourier transform spectrometer. <i>Optics Letters</i> , 2020, 45, 1479.	3.3	6
34	Self-Assembled Chiral Nanoparticle Superstructures and Identification of Their Collective Optical Activity from Ligand Asymmetry. <i>ACS Nano</i> , 2019, 13, 2879-2887.	14.6	5
35	Insights into water permeability and Hg <sup>2+</sup> removal using two-dimensional nanoporous boron nitride. <i>New Journal of Chemistry</i> , 2020, 44, 18084-18091.	2.8	5
36	Path-Guided Hierarchical Surface Relief Gratings on Azo-Films Induced by Polarized Light Illumination through Surface-Wrinkling Phase Mask. <i>Langmuir</i> , 2020, 36, 2837-2846.	3.5	5

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37	Preparation and Thermal Conductivity of Epoxy Resin/Graphene-Fe <sub>3</sub> O <sub>4</sub> Composites. <i>Materials</i> , 2021, 14, 2013.	2.9	5
38	On-chip monolithic Fourier transform spectrometers assisted by cGAN spectral prediction. <i>Optics Letters</i> , 2021, 46, 4288.	3.3	5
39	Note: A unibody NIR transmission probe for in situ liquid detection. <i>Review of Scientific Instruments</i> , 2018, 89, 036104.	1.3	4
40	A low-rank estimation method for CTIS image reconstruction. <i>Measurement Science and Technology</i> , 2018, 29, 095401.	2.6	4
41	On-line monitoring of key nutrients in yoghurt samples using digitally labelled Raman spectroscopy. <i>International Dairy Journal</i> , 2019, 96, 132-137.	3.0	4
42	Evaluation of mutual interference between bovine $\beta$ -lactalbumin peptide and its isotope-labeled peptide in whey protein analysis using liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2018, 1533, 94-101.	3.7	3
43	Detection of lethal fake liquors using digitally labelled gas-phase Fourier transform infrared spectroscopy. <i>Spectroscopy Letters</i> , 2019, 52, 204-210.	1.0	3
44	Preparation and Mechanical Properties of Layered Cu/Gr Composite Film. <i>Coatings</i> , 2021, 11, 502.	2.6	3
45	An oversampling software-triggering interferogram method for Fourier-transform infrared spectrometers. <i>Infrared Physics and Technology</i> , 2021, 116, 103805.	2.9	3
46	A Low-rank strategy for improving the prediction accuracy of partial least square models. <i>Infrared Physics and Technology</i> , 2021, 116, 103798.	2.9	2
47	Silicon Channeled Spectropolarimeter for On-Chip Single-Detector Stokes Spectroscopy. <i>Advanced Photonics Research</i> , 0, , 2100212.	3.6	2
48	Two-dimensional IR-visible sum frequency generation spectroscopy: a unique probe of surface electronic states at buried interfaces. <i>Proceedings of SPIE</i> , 2009, , .	0.8	1
49	Chirality discrimination at the carvone air/liquid interfaces detected by heterodyne-detected sum frequency generation. <i>Heliyon</i> , 2019, 5, e03061.	3.2	1
50	Polarization-Dependent Ultrasensitive Dynamic Wrinkling on Floating Films Induced by Photo-Orientation of Azopolymer. <i>Angewandte Chemie</i> , 0, , .	2.0	1
51	Integrated spectral and spatial information extraction in Raman spectroscopy. <i>Spectroscopy Letters</i> , 2018, 51, 472-475.	1.0	0
52	High-resolution broadband sum frequency generation vibrational spectroscopy using intrapulse interference. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 20752-20755.	2.8	0
53	A spectral recovery method for Raman spectroscopy utilizing prior datasets. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 225, 117505.	3.9	0
54	Feasibility evaluation of kilovoltage cone-beam computed tomography dose calculation following scatter correction: investigations of phantom and representative tumor sites. <i>Translational Cancer Research</i> , 2021, 10, 3726-3738.	1.0	0