Qifeng Li

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1827248/publications.pdf

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54	798	623734	526287
papers	citations	14 h-index	27 g-index

55	55	55	989
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Identification of WHO II/III Gliomas by 16 Prognostic-related Gene Signatures using Machine Learning Methods. Current Medicinal Chemistry, 2022, 29, 1622-1639.	2.4	6
2	Conditional Generative Adversarial Network for Spectral Recovery to Accelerate Single-Cell Raman Spectroscopic Analysis. Analytical Chemistry, 2022, 94, 577-582.	6.5	11
3	Polarizationâ€Dependent Ultrasensitive Dynamic Wrinkling on Floating Films Induced by Photoâ€Orientation of Azopolymer. Angewandte Chemie - International Edition, 2022, 61, .	13.8	7
4	Preparation and Thermal Conductivity of Epoxy Resin/Graphene-Fe3O4 Composites. Materials, 2021, 14, 2013.	2.9	5
5	Preparation and Mechanical Properties of Layered Cu/Gr Composite Film. Coatings, 2021, 11, 502.	2.6	3
6	On-chip monolithic Fourier transform spectrometers assisted by cGAN spectral prediction. Optics Letters, 2021, 46, 4288.	3.3	5
7	Feasibility evaluation of kilovoltage cone-beam computed tomography dose calculation following scatter correction: investigations of phantom and representative tumor sites. Translational Cancer Research, 2021, 10, 3726-3738.	1.0	0
8	An oversampling software-triggering interferogram method for Fourier-transform infrared spectrometers. Infrared Physics and Technology, 2021, 116, 103805.	2.9	3
9	A Low-rank strategy for improving the prediction accuracy of partial least square models. Infrared Physics and Technology, 2021, 116, 103798.	2.9	2
10	Insights into the conformation changes of SARS-CoV-2 spike receptor-binding domain on graphene. Applied Surface Science, 2021, , 151934.	6.1	11
11	Research Progress of Gliomas in Machine Learning. Cells, 2021, 10, 3169.	4.1	8
12	A spectral recovery method for Raman spectroscopy utilizing prior datasets. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 225, 117505.	3.9	0
13	Insights into water permeability and Hg²⁺ removal using two-dimensional nanoporous boron nitride. New Journal of Chemistry, 2020, 44, 18084-18091.	2.8	5
14	Path-Guided Hierarchical Surface Relief Gratings on Azo-Films Induced by Polarized Light Illumination through Surface-Wrinkling Phase Mask. Langmuir, 2020, 36, 2837-2846.	3.5	5
15	On-chip polarization-insensitive Fourier transform spectrometer. Optics Letters, 2020, 45, 1479.	3.3	6
16	A calibration transfer methodology for Standardization of Raman instruments with different spectral resolutions using Double Digital Projection Slit. Chemometrics and Intelligent Laboratory Systems, 2019, 191, 143-147.	3.5	12
17	Detection of lethal fake liquors using digitally labelled gas-phase Fourier transform infrared spectroscopy. Spectroscopy Letters, 2019, 52, 204-210.	1.0	3
18	On-line monitoring of key nutrients in yoghurt samples using digitally labelled Raman spectroscopy. International Dairy Journal, 2019, 96, 132-137.	3.0	4

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19	On-line detection of radioactive and non-radioactive heavy metals in tobacco smoke using portable laser-induced breakdown spectroscopy. Analyst, The, 2019, 144, 3567-3572.	3.5	6
20	Self-Assembled Chiral Nanoparticle Superstructures and Identification of Their Collective Optical Activity from Ligand Asymmetry. ACS Nano, 2019, 13, 2879-2887.	14.6	5
21	An active hyperspectral imaging system based on a multi-LED light source. Review of Scientific Instruments, 2019, 90, 026107.	1.3	8
22	Chirality discrimination at the carvone air/liquid interfaces detected by heterodyne-detected sum frequency generation. Heliyon, 2019, 5, e03061.	3.2	1
23	On-chip Fourier transform spectrometers by dual-polarized detection. Optics Letters, 2019, 44, 2923.	3.3	14
24	Note: A unibody NIR transmission probe for in situ liquid detection. Review of Scientific Instruments, 2018, 89, 036104.	1.3	4
25	Evaluation of mutual interference between bovine Î±-lactalbumin peptide and its isotope-labeled peptide in whey protein analysis using liquid chromatography-tandem mass spectrometry. Journal of Chromatography A, 2018, 1533, 94-101.	3.7	3
26	A low-rank estimation method for CTIS image reconstruction. Measurement Science and Technology, 2018, 29, 095401.	2.6	4
27	Integrated spectral and spatial information extraction in Raman spectroscopy. Spectroscopy Letters, 2018, 51, 472-475.	1.0	0
28	Raman Spectroscopy for Pharmaceutical Quantitative Analysis by Low-Rank Estimation. Frontiers in Chemistry, 2018, 6, 400.	3.6	6
29	Speeding up Raman spectral imaging by the three-dimensional low rank estimation method. Optics Express, 2018, 26, 525.	3.4	7
30	High-resolution broadband sum frequency generation vibrational spectroscopy using intrapulse interference. Physical Chemistry Chemical Physics, 2018, 20, 20752-20755.	2.8	0
31	Bitumen-silica interactions in the presence of hydrophilic ionic liquids. Fuel, 2018, 233, 860-866.	6.4	16
32	Real-Time Analysis of Potassium in Infant Formula Powder by Data-Driven Laser-Induced Breakdown Spectroscopy. Frontiers in Chemistry, 2018, 6, 325.	3.6	6
33	Nondestructive detection of triclosan in antibacterial hand soaps using digitally labelled Raman spectroscopy. Analytical Methods, 2017, 9, 3720-3726.	2.7	8
34	On-line multi-component analysis of gases for mud logging industry using data driven Raman spectroscopy. Fuel, 2017, 207, 146-153.	6.4	24
35	Note: A NDIR instrument for multicomponent gas detection using the galvanometer modulation. Review of Scientific Instruments, 2017, 88, 116103.	1.3	13
36	Single-Drop Raman Imaging Exposes the Trace Contaminants in Milk. Journal of Agricultural and Food Chemistry, 2017, 65, 6274-6281.	5.2	29

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37	Enhancing the signal-to-noise ratio of FTIR spectrometers by a digital J-Stop. Optics Express, 2017, 25, 19077.	3.4	11
38	Improving the resolution and the throughput of spectrometers by a digital projection slit. Optics Express, 2017, 25, 23045.	3.4	10
39	2PE-STED Microscopy with a Single Ti: Sapphire Laser for Reduced Illumination. PLoS ONE, 2014, 9, e88464.	2.5	6
40	NO adsorption behaviors of the MnO catalysts in lean-burn atmospheres. Journal of Hazardous Materials, 2013, 260, 543-551.	12.4	36
41	Structures of Water Molecules at Solvent/Silica Interfaces. Langmuir, 2010, 26, 16397-16400.	3.5	15
42	Competitive Adsorption of Toluene and n-Alkanes at Binary Solution/Silica Interfaces. Journal of Physical Chemistry C, 2009, 113, 20355-20359.	3.1	36
43	Structures of Water Molecules at the Interfaces of Aqueous Salt Solutions and Silica: Cation Effects. Journal of Physical Chemistry C, 2009, 113, 8201-8205.	3.1	104
44	Subdiffraction-Limit Two-Photon Fluorescence Microscopy for GFP-Tagged Cell Imaging. Biophysical Journal, 2009, 97, 3224-3228.	0.5	57
45	Surface-enhanced IRâ€“visible sum frequency generation vibrational spectroscopy. Physical Chemistry Chemical Physics, 2009, 11, 3436.	2.8	48
46	Selective Recognition of Rituximab-Functionalized Gold Nanoparticles by Lymphoma Cells Studied with 3D Imaging. Journal of Physical Chemistry C, 2009, 113, 20252-20258.	3.1	21
47	Two-dimensional IR-visible sum frequency generation spectroscopy: a unique probe of surface electronic states at buried interfaces. Proceedings of SPIE, 2009, , .	0.8	1
48	Nonlinear Optical Properties of Schiffâ€Baseâ€Containing Conductive Polymer Films Electroâ€deposited in Microgravity. Advanced Materials, 2008, 20, 2280-2284.	21.0	45
49	Electronic and Conformational Properties of the Conjugated Polymer MEH-PPV at a Buried Film/Solid Interface Investigated by Two-Dimensional IRâ^'Visible Sum Frequency Generation. Journal of Physical Chemistry B, 2008, 112, 2315-2318.	2.6	61
50	Surface Structure Relaxation of Poly(methyl methacrylate). Journal of Physical Chemistry B, 2008, 112, 694-697.	2.6	58
51	Channel switching effect in photodissociating N2O+ ion at 312.5 nm. Journal of Chemical Physics, 2004, 121, 3069-3073.	3.0	20
52	Spectroscopic study of N2O+(Aâ€Š2Î£+) by photofragment excitation spectrum. Journal of Chemical Physics, 2003, 119, 11609-11614.	3.0	14
53	Silicon Channeled Spectropolarimeter for Onâ€Chip Singleâ€Detector Stokes Spectroscopy. Advanced Photonics Research, 0, , 2100212.	3.6	2
54	Polarizationâ€Dependent Ultrasensitive Dynamic Wrinkling on Floating Films Induced by Photoâ€Orientation of Azopolymer. Angewandte Chemie, 0, , .	2.0	1