

Lu Li

List of Publications by Year in descending order

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96
papers

3,824
citations

109137

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h-index

133063

59
g-index

96
all docs

96
docs citations

96
times ranked

4981
citing authors

#	ARTICLE	IF	CITATIONS
1	Tailoring the Spatial Distribution and Content of Inorganic Nitrides in Solidâ€“Electrolyte Interphases for the Stable Li Anode in Liâ€“S Batteries. <i>Energy and Environmental Materials</i> , 2022, 5, 1180-1188.	7.3	26
2	Method for quantitative assessment of transformer oilâ€“paper insulation nonâ€“uniform ageing parameters based on frequency domain dielectric response. <i>IET Science, Measurement and Technology</i> , 2022, 16, 118-129.	0.9	6
3	A novel water-soluble phthalocyanine-based organic molecule for the effective NIR triggered dual phototherapy of cancer. <i>New Journal of Chemistry</i> , 2022, 46, 6353-6359.	1.4	2
4	A Near-Infrared Probe for Specific Imaging of Lipid Droplets in Living Cells. <i>Analytical Chemistry</i> , 2022, 94, 4881-4888.	3.2	40
5	Association between congenital heart defects and maternal manganese and iron concentrations: a caseâ€“control study in China. <i>Environmental Science and Pollution Research</i> , 2022, 29, 26950-26959.	2.7	11
6	A dual-responsive probe for the simultaneous monitoring of viscosity and peroxydinitrite with different fluorescence signals in living cells. <i>Chemical Communications</i> , 2022, 58, 5976-5979.	2.2	20
7	Black wattle tanninâ€“immobilized mesostructured collagen as a promising adsorbent for cationic organic dyes (methylene blue) removal in batch and continuous fixedâ€“bed systems. <i>Journal of Applied Polymer Science</i> , 2022, 139, .	1.3	3
8	The effect of maternal polycyclic aromatic hydrocarbons exposure and methylation levels of congenital heart diseasesâ€“candidate genes on the risk of congenital heart diseases. <i>Prenatal Diagnosis</i> , 2022, 42, 1142-1154.	1.1	0
9	POMCPs with Novel Two Waterâ€“Assisted Proton Channels Accommodated by MXenes for Asymmetric Supercapacitors. <i>Small</i> , 2022, 18, .	5.2	13
10	Single-cell analyses highlight the proinflammatory contribution of C1q-high monocytes to Behçetâ€™s disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	35
11	One-pot synthesis of aminated cellulose nanofibers by â€œbiological grindingâ€“for enhanced thermal conductivity nanocomposites. <i>Carbohydrate Polymers</i> , 2021, 254, 117310.	5.1	11
12	Low Cost and Simple PMMA Nozzle Fabrication by Laser Cutting and PDMS Curing Bonding. <i>International Journal of Precision Engineering and Manufacturing</i> , 2021, 22, 139-146.	1.1	4
13	Multi-Functional Radar Waveform Generation Based on Optical Frequency-Time Stitching Method. <i>Journal of Lightwave Technology</i> , 2021, 39, 458-464.	2.7	16
14	Multiple-mRNA-controlled and heat-driven drug release from gold nanocages in targeted chemo-photothermal therapy for tumors. <i>Chemical Science</i> , 2021, 12, 12429-12436.	3.7	18
15	An â€œall-in-oneâ€“strategy based on the organic molecule DCN-4CQA for effective NIR-fluorescence-imaging-guided dual phototherapy. <i>Journal of Materials Chemistry B</i> , 2021, 9, 5785-5793.	2.9	3
16	Synergistic effect of cocatalytic NiSe ₂ on stable 1T-MoS ₂ for hydrogen evolution. <i>RSC Advances</i> , 2021, 11, 6842-6849.	1.7	7
17	Heterogeneous Ru/TiO ₂ for hydroaminomethylation of olefins: multicomponent synthesis of amines. <i>Green Chemistry</i> , 2021, 23, 2722-2728.	4.6	6
18	Accurate <i>In Situ</i> Monitoring of Mitochondrial H ₂ O ₂ by Robust SERS Nanoprobes with a Auâ€“Se Interface. <i>Analytical Chemistry</i> , 2021, 93, 4059-4065.	3.2	39

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19	The Fabrication of Polymethyl Methacrylate Nozzles for Electrohydrodynamic Printing. <i>Journal of Nanoscience and Nanotechnology</i> , 2021, 21, 1735-1741.	0.9	2
20	A Novel Room-Temperature Bonding Method Based on Electrohydrodynamic Printing. <i>Journal of Nanoscience and Nanotechnology</i> , 2021, 21, 1672-1677.	0.9	0
21	One-pot green extraction of high charge density cellulose nanocrystals with high yield for bionanocomposites. <i>Journal of Materials Science</i> , 2021, 56, 12212-12223.	1.7	5
22	Kinetics of the Photoelectron-Transfer Process Characterized by Real-Time Single-Molecule Fluorescence Imaging on Individual Photocatalyst Particles. <i>ACS Catalysis</i> , 2021, 11, 6872-6882.	5.5	6
23	AtWAKL10, a Cell Wall Associated Receptor-Like Kinase, Negatively Regulates Leaf Senescence in <i>Arabidopsis thaliana</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 4885.	1.8	14
24	Anaerobic caproate production on carbon chain elongation: Effect of lactate/butyrate ratio, concentration and operation mode. <i>Bioresource Technology</i> , 2021, 329, 124893.	4.8	25
25	Sputum-Based Tumor Fluid Biopsy: Isolation and High-Throughput Single-Cell Analysis of Exfoliated Tumor Cells for Lung Cancer Diagnosis. <i>Analytical Chemistry</i> , 2021, 93, 10477-10486.	3.2	18
26	Responsive Dual-Targeting Exosome as a Drug Carrier for Combination Cancer Immunotherapy. <i>Research</i> , 2021, 2021, 9862876.	2.8	17
27	The role of StAR2 gene in testicular differentiation and spermatogenesis in Nile tilapia (<i>Oreochromis Tj ETQq1 1 0.784314 rgBT /Over</i>	1.2	11
28	CoS nanowires grown on Ti3C2Tx are promising electrodes for supercapacitors: High capacitance and remarkable cycle capability. <i>Journal of Colloid and Interface Science</i> , 2021, 602, 123-130.	5.0	13
29	Promoting effect of MXenes on 1T/2Hâ€“MoSe₂ for hydrogen evolution. <i>CrystEngComm</i> , 2021, 23, 4752-4759.	1.3	13
30	Diethylamine fluorescence sensor based on silica hollow sphere photonic crystals. <i>Analytical Methods</i> , 2021, 13, 2189-2195.	1.3	10
31	Dietary with proper ratio of alphaâ€“linolenic acid to linoleic acid enhanced the unsaturated fatty acids deposition of Chinese perch (<i>Siniperca Chuatsi</i>). <i>Aquaculture Nutrition</i> , 2021, 27, 73-85.	1.1	0
32	Bimetal Networked Nanosheets Co x Ni 3âˆ“x S 2 as An Efficient Electrocatalyst for Hydrogen Evolution. <i>ChemCatChem</i> , 2020, 12, 609-614.	1.8	13
33	Selective and Colorimetric Detection of p-Nitrophenol Based on Inverse Opal Polymeric Photonic Crystals. <i>Polymers</i> , 2020, 12, 83.	2.0	10
34	Progress of Twoâ€“Dimensional Ti₃C₂T_x in Supercapacitors. <i>ChemSusChem</i> , 2020, 13, 1296-1329.	3.6	45
35	Molybdenum-doped CuO nanosheets on Ni foams with extraordinary specific capacitance for advanced hybrid supercapacitors. <i>Journal of Materials Science</i> , 2020, 55, 2492-2502.	1.7	74
36	Phenotype-related drug sensitivity analysis of single CTCs for medicine evaluation. <i>Chemical Science</i> , 2020, 11, 8895-8900.	3.7	12

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37	The fabrication of integrated and three-layer SU-8 nozzles for electrohydrodynamic printing. <i>Microfluidics and Nanofluidics</i> , 2020, 24, 1.	1.0	2
38	ROS-mediated NLRP3 inflammasome activation participates in the response against <i>Neospora caninum</i> infection. <i>Parasites and Vectors</i> , 2020, 13, 449.	1.0	15
39	Novel phthalocyanine-based micelles/PNIPAM composite hydrogels: spatially/temporally controlled drug release triggered by NIR laser irradiation. <i>New Journal of Chemistry</i> , 2020, 44, 8705-8709.	1.4	2
40	In situ constructing 2D/1D MgIn ₂ S ₄ /CdS heterojunction system with enhanced photocatalytic activity towards treatment of wastewater and H ₂ production. <i>Journal of Colloid and Interface Science</i> , 2020, 576, 264-279.	5.0	109
41	A high-performance supercapacitor electrode based on freestanding N-doped Ti ₃ C ₂ T _x film. <i>Ceramics International</i> , 2020, 46, 21482-21488.	2.3	25
42	Effects of annealing time on structure and properties of sweet potato starch. <i>Cereal Chemistry</i> , 2020, 97, 573-580.	1.1	15
43	Physicochemical Properties and Structure of Annealed Sweet Potato Starch: Effects of Enzyme and Ultrasound. <i>Starch/Staerke</i> , 2020, 72, 1900247.	1.1	8
44	A High-Fidelity Electrochemical Platform Based on Au@Se Interface for Biological Detection. <i>Analytical Chemistry</i> , 2020, 92, 5855-5861.	3.2	20
45	Novel Li _x Si _y /Nafion as an artificial SEI film to enable dendrite-free Li metal anodes and high stability Li-S batteries. <i>Journal of Materials Chemistry A</i> , 2020, 8, 8979-8988.	5.2	72
46	The study of electrohydrodynamic printing by numerical simulation. <i>Journal of Electrical Engineering</i> , 2020, 71, 413-418.	0.4	3
47	Single-Cell Phenotypic Profiling of CTCs in Whole Blood Using an Integrated Microfluidic Device. <i>Analytical Chemistry</i> , 2019, 91, 11078-11084.	3.2	41
48	Flexible Ti ₃ C ₂ T _x /PEDOT:PSS films with outstanding volumetric capacitance for asymmetric supercapacitors. <i>Dalton Transactions</i> , 2019, 48, 1747-1756.	1.6	119
49	One-step synthesis of few-layer niobium carbide MXene as a promising anode material for high-rate lithium ion batteries. <i>Dalton Transactions</i> , 2019, 48, 14433-14439.	1.6	45
50	Consecutive Sorting and Phenotypic Counting of CTCs by an Optofluidic Flow Cytometer. <i>Analytical Chemistry</i> , 2019, 91, 14133-14140.	3.2	15
51	Visible Light-Driven Self-Powered Device Based on a Straddling Nano-Heterojunction and Bio-Application for the Quantitation of Exosomal RNA. <i>ACS Nano</i> , 2019, 13, 1817-1827.	7.3	24
52	New Strategy for Circumventing the Limitation of Thermally Linked States and Boosting the Relative Thermal Sensitivity of Luminescence Ratiometric Thermometry. <i>Journal of Physical Chemistry C</i> , 2019, 123, 6176-6181.	1.5	19
53	TiO ₂ hollow spheres with surface-rich Ti ³⁺ under Pd-catalyzed hydrogenation for improved visible-light photocatalysis. <i>Journal of Nanoparticle Research</i> , 2019, 21, 1.	0.8	5
54	Asymmetric supercapacitors with excellent rate performance by integrating Co(OH)F nanorods and layered Ti ₃ C ₂ T _x paper. <i>RSC Advances</i> , 2019, 9, 30957-30963.	1.7	13

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55	In situ polymerized Ti ₃ C ₂ Tx/PDA electrode with superior areal capacitance for supercapacitors. <i>Journal of Alloys and Compounds</i> , 2019, 778, 858-865.	2.8	63
56	Dynamic fluorescent imaging analysis of mitochondrial redox in single cells with a microfluidic device. <i>Biosensors and Bioelectronics</i> , 2019, 129, 132-138.	5.3	11
57	An Aggregation-Induced Emission Probe Based on Host-Guest Inclusion Composed of the Tetraphenylethylene Motif and β -Cyclodextrin for the Detection of α -Amylase. <i>Chemistry - an Asian Journal</i> , 2019, 14, 847-852.	1.7	21
58	Self-assembled Ti ₃ C ₂ Tx/SCNT composite electrode with improved electrochemical performance for supercapacitor. <i>Journal of Colloid and Interface Science</i> , 2018, 511, 128-134.	5.0	107
59	Conditional cube attack on round-reduced River Keyak. <i>Designs, Codes, and Cryptography</i> , 2018, 86, 1295-1310.	1.0	5
60	Short-term effects of fine particulate matter on non-accidental and circulatory diseases mortality: A time series study among the elder in Changchun. <i>PLoS ONE</i> , 2018, 13, e0209793.	1.1	25
61	Improved integral attacks without full codebook. <i>IET Information Security</i> , 2018, 12, 513-520.	1.1	1
62	Porous Co ₃ O ₄ nanosheets as a high-performance non-enzymatic sensor for glucose detection. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 7663-7670.	1.9	17
63	A Rapid and Ultrasensitive Tetraphenylethylene-Based Probe with Aggregation-Induced Emission for Direct Detection of α -Amylase in Human Body Fluids. <i>Analytical Chemistry</i> , 2018, 90, 13775-13782.	3.2	39
64	Ti ₃ C ₂ Tx-foam as free-standing electrode for supercapacitor with improved electrochemical performance. <i>Ceramics International</i> , 2018, 44, 13901-13907.	2.3	31
65	Ag-Nanoparticle-Decorated 2D Titanium Carbide (MXene) with Superior Electrochemical Performance for Supercapacitors. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 7442-7450.	3.2	120
66	Highly Sensitive Fluorescence Imaging of Zn ²⁺ and Cu ²⁺ in Living Cells with Signal Amplification Based on Functional DNA Self-Assembly. <i>Analytical Chemistry</i> , 2018, 90, 8785-8792.	3.2	56
67	Improved Integral Attacks on SIMON32 and SIMON48 with Dynamic Key-Guessing Techniques. <i>Security and Communication Networks</i> , 2018, 2018, 1-11.	1.0	5
68	Enhancing the Removal of Sorbed Crude Oil from Soil Through Multiple Oxidation Steps in Stepwise Fenton Processes. <i>Soil and Sediment Contamination</i> , 2018, 27, 369-382.	1.1	4
69	Three-dimensional porous ZnCo ₂ O ₄ sheet array coated with Ni(OH) ₂ for high-performance asymmetric supercapacitor. <i>Journal of Colloid and Interface Science</i> , 2017, 497, 50-56.	5.0	55
70	Simultaneous Single-Cell Analysis of Na ⁺ , K ⁺ , Ca ²⁺ , and Mg ²⁺ in Neuron-Like PC-12 Cells in a Microfluidic System. <i>Analytical Chemistry</i> , 2017, 89, 4559-4565.	3.2	36
71	Performance evaluation of asymmetric supercapacitor based on Ti ₃ C ₂ Tx-paper. <i>Journal of Alloys and Compounds</i> , 2017, 729, 1165-1171.	2.8	26
72	New Ti ₃ C ₂ aerogel as promising negative electrode materials for asymmetric supercapacitors. <i>Journal of Power Sources</i> , 2017, 364, 234-241.	4.0	205

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73	Visible/near-IR-light-driven TNFePc/BiOCl organic-inorganic heterostructures with enhanced photocatalytic activity. Dalton Transactions, 2016, 45, 9497-9505.	1.6	47
74	A bismuth oxide nanosheet-coated electrospun carbon nanofiber film: a free-standing negative electrode for flexible asymmetric supercapacitors. Journal of Materials Chemistry A, 2016, 4, 16635-16644.	5.2	124
75	A Rapid Microwave-Assisted Thermolysis Route to Highly Crystalline Carbon Nitrides for Efficient Hydrogen Generation. Angewandte Chemie, 2016, 128, 14913-14917.	1.6	234
76	A Rapid Microwave-Assisted Thermolysis Route to Highly Crystalline Carbon Nitrides for Efficient Hydrogen Generation. Angewandte Chemie - International Edition, 2016, 55, 14693-14697.	7.2	335
77	Multicolor Fluorescence Detection-Based Microfluidic Device for Single-Cell Metabolomics: Simultaneous Quantitation of Multiple Small Molecules in Primary Liver Cells. Analytical Chemistry, 2016, 88, 8610-8616.	3.2	62
78	Efficient extraction and preparative separation of four main isoflavonoids from Dalbergia odorifera T. Chen leaves by deep eutectic solvents-based negative pressure cavitation extraction followed by macroporous resin column chromatography. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1033-1034, 40-48.	1.2	40
79	Fluorescence Imaging of Intracellular Telomerase Activity Using Enzyme-Free Signal Amplification. Analytical Chemistry, 2016, 88, 12177-12182.	3.2	92
80	Two-color imaging of microRNA with enzyme-free signal amplification via hybridization chain reactions in living cells. Chemical Science, 2016, 7, 1940-1945.	3.7	202
81	Consecutive Gated Injection-Based Microchip Electrophoresis for Simultaneous Quantitation of Superoxide Anion and Nitric Oxide in Single PC-12 Cells. Analytical Chemistry, 2016, 88, 930-936.	3.2	46
82	Endochondral ossification pathway genes and postmenopausal osteoporosis: Association and specific allele related serum bone sialoprotein levels in Han Chinese. Scientific Reports, 2015, 5, 16783.	1.6	7
83	Fluorescent sensing of pyrophosphate anion in synovial fluid based on DNA-attached magnetic nanoparticles. Biosensors and Bioelectronics, 2015, 72, 51-55.	5.3	25
84	One-dimensional Ag ₃ PO ₄ /TiO ₂ heterostructure with enhanced photocatalytic activity for the degradation of 4-nitrophenol. RSC Advances, 2015, 5, 29693-29697.	1.7	31
85	An accurate mass spectrometric approach for the simultaneous comparison of GSH, Cys, and Hcy in L02 cells and HepG2 cells using new NPSP isotope probes. Chemical Communications, 2015, 51, 11317-11320.	2.2	28
86	Simultaneous Quantitation of Na ⁺ and K ⁺ in Single Normal and Cancer Cells Using a New Near-Infrared Fluorescent Probe. Analytical Chemistry, 2015, 87, 6057-6063.	3.2	54
87	Imprinted propyl gallate electrochemical sensor based on graphene/single walled carbon nanotubes/sol-gel film. Food Chemistry, 2015, 177, 37-42.	4.2	29
88	Dual-calibration coefficient: a more accurate protocol for simultaneous determination of superoxide and hydrogen peroxide in human HepG2 cell extracts. Science China Chemistry, 2015, 58, 825-829.	4.2	5
89	Simultaneous Imaging of Zn ²⁺ and Cu ²⁺ in Living Cells Based on DNAzyme Modified Gold Nanoparticle. Analytical Chemistry, 2015, 87, 4829-4835.	3.2	138
90	microRNA-199a-3p, DNMT3A, and aberrant DNA methylation in testicular cancer. Epigenetics, 2014, 9, 119-128.	1.3	57

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91	Hierarchical assembly of BiOCl nanosheets onto bicrystalline TiO ₂ nanofiber: Enhanced photocatalytic activity based on photoinduced interfacial charge transfer. <i>Journal of Colloid and Interface Science</i> , 2014, 435, 26-33.	5.0	40
92	Highly Sensitive and Homogeneous Detection of Membrane Protein on a Single Living Cell by Aptamer and Nicking Enzyme Assisted Signal Amplification Based on Microfluidic Droplets. <i>Analytical Chemistry</i> , 2014, 86, 5101-5107.	3.2	92
93	FRET-Based Biofriendly Apo-GO _x -Modified Gold Nanoprobe for Specific and Sensitive Glucose Sensing and Cellular Imaging. <i>Analytical Chemistry</i> , 2013, 85, 9721-9727.	3.2	58
94	The influence of the antiferromagnetic boundary on the magnetic property of La ₂ NiMnO ₆ . <i>Applied Physics Letters</i> , 2009, 95, .	1.5	42
95	Hemimicelle capped functionalized carbon nanotubes-based nanosized solid-phase extraction of arsenic from environmental water samples. <i>Analytica Chimica Acta</i> , 2009, 631, 182-188.	2.6	72
96	Quantitative Counting of Single Fluorescent Molecules by Combined Electrochemical Adsorption Accumulation and Total Internal Reflection Fluorescence Microscopy. <i>Analytical Chemistry</i> , 2008, 80, 3999-4006.	3.2	37