Lihong Li

List of Publications by Year
in descending order

52 papers	3,690 citations	109321 35 h-index	161849 54 g-index
59 all docs	59 docs citations	59 times ranked	5997 citing authors

#	Article	IF	Citations
1	Inkjet printing wearable electronic devices. Journal of Materials Chemistry C, 2017, 5, 2971-2993.	5.5	415
2	Nanoscale Coating of LiMO₂ (M = Ni, Co, Mn) Nanobelts with Li⁺-Conductive Li₂TiO₃: Toward Better Rate Capabilities for Li-Ion Batteries. Journal of the American Chemical Society, 2013, 135, 1649-1652.	13.7	229
3	HOCl can appear in the mitochondria of macrophages during bacterial infection as revealed by a sensitive mitochondrial-targeting fluorescent probe. Chemical Science, 2015, 6, 4884-4888.	7.4	217
4	Nearâ€Infrared Fluorescent Probe with New Recognition Moiety for Specific Detection of Tyrosinase Activity: Design, Synthesis, and Application in Living Cells and Zebrafish. Angewandte Chemie - International Edition, 2016, 55, 14728-14732.	13.8	189
5	Î±-MnO2 nanotubes: high surface area and enhanced lithium battery properties. Chemical Communications, 2012, 48, 6945.	4.1	168
6	Flexible SnS nanobelts: Facile synthesis, formation mechanism and application in Li-ion batteries. Nano Research, 2013, 6, 55-64.	10.4	135
7	In vivo imaging of leucine aminopeptidase activity in drug-induced liver injury and liver cancer via a near-infrared fluorescent probe. Chemical Science, 2017, 8, 3479-3483.	7.4	127
8	Size and shape control of LiFePO4 nanocrystals for better lithium ion battery cathode materials. Nano Research, 2013, 6, 469-477.	10.4	123
9	Directâ€Writing Multifunctional Perovskite Single Crystal Arrays by Inkjet Printing. Small, 2017, 13, 1603217.	10.0	117
10	Printing assembly and structural regulation of graphene towards three-dimensional flexible micro-supercapacitors. Journal of Materials Chemistry A, 2017, 5, 16281-16288.	10.3	116
11	Monitoring Î³-glutamyl transpeptidase activity and evaluating its inhibitors by a water-soluble near-infrared fluorescent probe. Biosensors and Bioelectronics, 2016, 81, 395-400.	10.1	98
12	Sensitive and Selective Near-Infrared Fluorescent Offâ€“On Probe and Its Application to Imaging Different Levels of Î²-Lactamase in Staphylococcus aureus. Analytical Chemistry, 2014, 86, 6115-6120.	6.5	97
13	Sensitive and Selective Ratiometric Fluorescence Probes for Detection of Intracellular Endogenous Monoamine Oxidase A. Analytical Chemistry, 2016, 88, 1440-1446.	6.5	97
14	Wire Structure and Morphology Transformation of Niobium Oxide and Niobates by Molten Salt Synthesis. Chemistry of Materials, 2009, 21, 1207-1213.	6.7	91
15	Leucine aminopeptidase may contribute to the intrinsic resistance of cancer cells toward cisplatin as revealed by an ultrasensitive fluorescent probe. Chemical Science, 2016, 7, 788-792.	7.4	85
16	Sensitive Fluorescence Probe with Long Analytical Wavelengths for Î³-Glutamyl Transpeptidase Detection in Human Serum and Living Cells. Analytical Chemistry, 2015, 87, 8353-8359.	6.5	84
17	Detection of Misdistribution of Tyrosinase from Melanosomes to Lysosomes and Its Upregulation under Psoralen/Ultraviolet A with a Melanosome-Targeting Tyrosinase Fluorescent Probe. Analytical Chemistry, 2016, 88, 4557-4564.	6.5	76
18	Controllable Growth of Highâ€Quality Inorganic Perovskite Microplate Arrays for Functional Optoelectronics. Advanced Materials, 2020, 32, e1908006.	21.0	66

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19	Topochemical molten salt synthesis for functional perovskite compounds. Chemical Science, 2016, 7, 855-865.	7.4	65
20	Inkjet-printed highly conductive transparent patterns with water based Ag-doped graphene. Journal of Materials Chemistry A, 2014, 2, 19095-19101.	10.3	62
21	An Upconversion Luminescence Nanoprobe for the Ultrasensitive Detection of Hyaluronidase. Analytical Chemistry, 2015, 87, 5816-5823.	6.5	62
22	Phase Evolution in Low-Dimensional Niobium Oxide Synthesized by a Topochemical Method. Inorganic Chemistry, 2010, 49, 1397-1403.	4.0	56
23	Synthesis of Ptâ€“Ni/graphene via in situ reduction and its enhanced catalyst activity for methanol oxidation. Chemical Communications, 2013, 49, 7486.	4.1	55
24	In Situ Inkjet Printing of the Perovskite Single-Crystal Array-Embedded Polydimethylsiloxane Film for Wearable Light-Emitting Devices. ACS Applied Materials & Interfaces, 2020, 12, 22157-22162.	8.0	53
25	Ultrasensitive Fluorescent Probes Reveal an Adverse Action of Dipeptide Peptidase IV and Fibroblast Activation Protein during Proliferation of Cancer Cells. Analytical Chemistry, 2016, 88, 8309-8314.	6.5	51
26	Recent advances in noble metal MXene-based catalysts for electrocatalysis. Journal of Materials Chemistry A, 2022, 10, 14674-14691.	10.3	48
27	Niobium pentoxide hollow nanospheres with enhanced visible light photocatalytic activity. Journal of Materials Chemistry A, 2013, 1, 11894.	10.3	46
28	Printable Nanomaterials for the Fabrication of High-Performance Supercapacitors. Nanomaterials, 2018, 8, 528.	4.1	46
29	A New Tetraphenylethyleneâ€Derived Fluorescent Probe for Nitroreductase Detection and Hypoxicâ€Tumorâ€Cell Imaging. Chemistry - an Asian Journal, 2016, 11, 2918-2923.	3.3	44
30	Direct Writing of Patterned, Leadâ€Free Nanowire Aligned Flexible Piezoelectric Device. Advanced Science, 2016, 3, 1600120.	11.2	44
31	Inkjet printing bendable circuits based on an oil-water interface reaction. Applied Surface Science, 2018, 445, 391-397.	6.1	43
32	Transparent Ag@Auâ€“graphene patterns with conductive stability via inkjet printing. Journal of Materials Chemistry C, 2017, 5, 2800-2806.	5.5	42
33	A 3D Selfâ€Shaping Strategy for Nanoresolution Multicomponent Architectures. Advanced Materials, 2018, 30, 1703963.	21.0	39
34	Hematite nanodiscs exposing (001) facets: synthesis, formation mechanism and application for Li-ion batteries. Journal of Materials Chemistry A, 2013, 1, 5232.	10.3	38
35	Inkjet print microchannels based on a liquid template. Lab on A Chip, 2015, 15, 1759-1764.	6.0	34
36	In vivo tumor imaging by a Î³-glutamyl transpeptidase-activatable near-infrared fluorescent probe. Analytical and Bioanalytical Chemistry, 2018, 410, 6771-6777.	3.7	33

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37	Controllable printing of large-scale compact perovskite films for flexible photodetectors. Nano Research, 2022, 15, 1547-1553.	10.4	30
38	Structure and Shape Evolution of Bi1-xLaxFeO3Perovskite Microcrystals by Molten Salt Synthesis. European Journal of Inorganic Chemistry, 2008, 2008, NA-NA.	2.0	26
39	Printing 1D Assembly Array of Single Particle Resolution for Magnetosensing. Small, 2018, 14, e1800117.	10.0	26
40	Pyroglutamate aminopeptidase 1 may be an indicator of cellular inflammatory response as revealed using a sensitive long-wavelength fluorescent probe. Chemical Science, 2016, 7, 4694-4697.	7.4	23
41	A general method for growth of perovskite single-crystal arrays for high performance photodetectors. Nano Research, 2022, 15, 6568-6573.	10.4	18
42	Topochemical Synthesis of Micron-Platelet (Na0.5K0.5)NbO3 Particles. European Journal of Inorganic Chemistry, 2008, 2008, 2186-2190.	2.0	17
43	Bioinspired Antiâ€MoirÃ© Random Grids via Patterning Foams. Advanced Optical Materials, 2017, 5, 1700751.	7.3	17
44	Nearâ€Infrared Fluorescent Probe with New Recognition Moiety for Specific Detection of Tyrosinase Activity: Design, Synthesis, and Application in Living Cells and Zebrafish. Angewandte Chemie, 2016, 128, 14948-14952.	2.0	15
45	Piezoelectric and ferroelectric properties of 0.96(Na,K)(Nb0.9Ta0.1)O3â€“0.04LiSbO3 ceramics synthesized by molten salt method. Journal of Alloys and Compounds, 2009, 471, 428-431.	5.5	12
46	Heterogeneous Integration of Three-Primary-Color Photoluminescent Nanoparticle Arrays with Defined Interfaces. ACS Applied Materials & Interfaces, 2019, 11, 1616-1623.	8.0	12
47	Recent Advances in Nobleâ€Metalâ€Free Catalysts for Electrocatalytic Synthesis of Ammonia under Ambient Conditions. Chemistry - an Asian Journal, 2020, 15, 1791-1807.	3.3	8
48	Facile molten salt synthesis of ordered perovskite Ba(Sr1/3Nb2/3)O3 powders. Inorganic Chemistry Communication, 2012, 21, 92-95.	3.9	6
49	Multi-Element Topochemical-Molten Salt Synthesis of One-Dimensional Piezoelectric Perovskite. IScience, 2019, 17, 1-9.	4.1	4
50	Micropatterning: Direct Writing of Patterned, Leadâ€Free Nanowire Aligned Flexible Piezoelectric Device (Adv. Sci. 8/2016). Advanced Science, 2016, 3, .	11.2	1
51	Single Crystals: Directâ€Writing Multifunctional Perovskite Single Crystal Arrays by Inkjet Printing (Small 8/2017). Small, 2017, 13, .	10.0	1
52	Largeâ€scale Twoâ€dimensional MoS x Catalyst Prepared under Mild Conditions for Enhancing Electrocatalytic Hydrogen Evolution Reaction. Chemistry - an Asian Journal, 2020, 15, 1990-1995.	3.3	0