

Lihong Li

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

3,690
citations

109137

35
h-index

168136

53
g-index

59
all docs

59
docs citations

59
times ranked

5997
citing authors

#	ARTICLE	IF	CITATIONS
1	Inkjet printing wearable electronic devices. <i>Journal of Materials Chemistry C</i> , 2017, 5, 2971-2993.	2.7	415
2	Nanoscale Coating of LiMO_2 (M = Ni, Co, Mn) Nanobelts with Li-Conductive Li_2TiO_3 : Toward Better Rate Capabilities for Li-Ion Batteries. <i>Journal of the American Chemical Society</i> , 2013, 135, 1649-1652.	6.6	229
3	HOCl can appear in the mitochondria of macrophages during bacterial infection as revealed by a sensitive mitochondrial-targeting fluorescent probe. <i>Chemical Science</i> , 2015, 6, 4884-4888.	3.7	217
4	Near-Infrared Fluorescent Probe with New Recognition Moiety for Specific Detection of Tyrosinase Activity: Design, Synthesis, and Application in Living Cells and Zebrafish. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14728-14732.	7.2	189
5	TiO_2 -MnO ₂ nanotubes: high surface area and enhanced lithium battery properties. <i>Chemical Communications</i> , 2012, 48, 6945.	2.2	168
6	Flexible SnS nanobelts: Facile synthesis, formation mechanism and application in Li-ion batteries. <i>Nano Research</i> , 2013, 6, 55-64.	5.8	135
7	In vivo imaging of leucine aminopeptidase activity in drug-induced liver injury and liver cancer via a near-infrared fluorescent probe. <i>Chemical Science</i> , 2017, 8, 3479-3483.	3.7	127
8	Size and shape control of LiFePO_4 nanocrystals for better lithium ion battery cathode materials. <i>Nano Research</i> , 2013, 6, 469-477.	5.8	123
9	Direct Writing Multifunctional Perovskite Single Crystal Arrays by Inkjet Printing. <i>Small</i> , 2017, 13, 1603217.	5.2	117
10	Printing assembly and structural regulation of graphene towards three-dimensional flexible micro-supercapacitors. <i>Journal of Materials Chemistry A</i> , 2017, 5, 16281-16288.	5.2	116
11	Monitoring Ca^{2+} -glutamyl transpeptidase activity and evaluating its inhibitors by a water-soluble near-infrared fluorescent probe. <i>Biosensors and Bioelectronics</i> , 2016, 81, 395-400.	5.3	98
12	Sensitive and Selective Near-Infrared Fluorescent Off-On Probe and Its Application to Imaging Different Levels of β -Lactamase in <i>Staphylococcus aureus</i> . <i>Analytical Chemistry</i> , 2014, 86, 6115-6120.	3.2	97
13	Sensitive and Selective Ratiometric Fluorescence Probes for Detection of Intracellular Endogenous Monoamine Oxidase A. <i>Analytical Chemistry</i> , 2016, 88, 1440-1446.	3.2	97
14	Wire Structure and Morphology Transformation of Niobium Oxide and Niobates by Molten Salt Synthesis. <i>Chemistry of Materials</i> , 2009, 21, 1207-1213.	3.2	91
15	Leucine aminopeptidase may contribute to the intrinsic resistance of cancer cells toward cisplatin as revealed by an ultrasensitive fluorescent probe. <i>Chemical Science</i> , 2016, 7, 788-792.	3.7	85
16	Sensitive Fluorescence Probe with Long Analytical Wavelengths for Ca^{2+} -Glutamyl Transpeptidase Detection in Human Serum and Living Cells. <i>Analytical Chemistry</i> , 2015, 87, 8353-8359.	3.2	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. <i>Analytical Chemistry</i> , 2016, 88, 4557-4564.	3.2	76
18	Controllable Growth of High-Quality Inorganic Perovskite Microplate Arrays for Functional Optoelectronics. <i>Advanced Materials</i> , 2020, 32, e1908006.	11.1	66

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19	Topochemical molten salt synthesis for functional perovskite compounds. <i>Chemical Science</i> , 2016, 7, 855-865.	3.7	65
20	Inkjet-printed highly conductive transparent patterns with water based Ag-doped graphene. <i>Journal of Materials Chemistry A</i> , 2014, 2, 19095-19101.	5.2	62
21	An Upconversion Luminescence Nanoprobe for the Ultrasensitive Detection of Hyaluronidase. <i>Analytical Chemistry</i> , 2015, 87, 5816-5823.	3.2	62
22	Phase Evolution in Low-Dimensional Niobium Oxide Synthesized by a Topochemical Method. <i>Inorganic Chemistry</i> , 2010, 49, 1397-1403.	1.9	56
23	Synthesis of Pt@Ni/graphene via in situ reduction and its enhanced catalyst activity for methanol oxidation. <i>Chemical Communications</i> , 2013, 49, 7486.	2.2	55
24	In Situ Inkjet Printing of the Perovskite Single-Crystal Array-Embedded Polydimethylsiloxane Film for Wearable Light-Emitting Devices. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 22157-22162.	4.0	53
25	Ultrasensitive Fluorescent Probes Reveal an Adverse Action of Dipeptide Peptidase IV and Fibroblast Activation Protein during Proliferation of Cancer Cells. <i>Analytical Chemistry</i> , 2016, 88, 8309-8314.	3.2	51
26	Recent advances in noble metal MXene-based catalysts for electrocatalysis. <i>Journal of Materials Chemistry A</i> , 2022, 10, 14674-14691.	5.2	48
27	Niobium pentoxide hollow nanospheres with enhanced visible light photocatalytic activity. <i>Journal of Materials Chemistry A</i> , 2013, 1, 11894.	5.2	46
28	Printable Nanomaterials for the Fabrication of High-Performance Supercapacitors. <i>Nanomaterials</i> , 2018, 8, 528.	1.9	46
29	A New Tetraphenylethylene-Derived Fluorescent Probe for Nitroreductase Detection and Hypoxic Tumor Cell Imaging. <i>Chemistry - an Asian Journal</i> , 2016, 11, 2918-2923.	1.7	44
30	Direct Writing of Patterned, Lead-Free Nanowire Aligned Flexible Piezoelectric Device. <i>Advanced Science</i> , 2016, 3, 1600120.	5.6	44
31	Inkjet printing bendable circuits based on an oil-water interface reaction. <i>Applied Surface Science</i> , 2018, 445, 391-397.	3.1	43
32	Transparent Ag@Au-graphene patterns with conductive stability via inkjet printing. <i>Journal of Materials Chemistry C</i> , 2017, 5, 2800-2806.	2.7	42
33	A 3D Self-Shaping Strategy for Nanoresolution Multicomponent Architectures. <i>Advanced Materials</i> , 2018, 30, 1703963.	11.1	39
34	Hematite nanodiscs exposing (001) facets: synthesis, formation mechanism and application for Li-ion batteries. <i>Journal of Materials Chemistry A</i> , 2013, 1, 5232.	5.2	38
35	Inkjet print microchannels based on a liquid template. <i>Lab on A Chip</i> , 2015, 15, 1759-1764.	3.1	34
36	In vivo tumor imaging by a β -glutamyl transpeptidase-activatable near-infrared fluorescent probe. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 6771-6777.	1.9	33

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37	Controllable printing of large-scale compact perovskite films for flexible photodetectors. <i>Nano Research</i> , 2022, 15, 1547-1553.	5.8	30
38	Structure and Shape Evolution of Bi _{1-x} LaxFeO ₃ Perovskite Microcrystals by Molten Salt Synthesis. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, NA-NA.	1.0	26
39	Printing 1D Assembly Array of Single Particle Resolution for Magnetosensing. <i>Small</i> , 2018, 14, e1800117.	5.2	26
40	Pyroglutamate aminopeptidase 1 may be an indicator of cellular inflammatory response as revealed using a sensitive long-wavelength fluorescent probe. <i>Chemical Science</i> , 2016, 7, 4694-4697.	3.7	23
41	A general method for growth of perovskite single-crystal arrays for high performance photodetectors. <i>Nano Research</i> , 2022, 15, 6568-6573.	5.8	18
42	Topochemical Synthesis of Micron-Platelet (Na _{0.5} K _{0.5})NbO ₃ Particles. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 2186-2190.	1.0	17
43	Bioinspired Anti-Moiré Random Grids via Patterning Foams. <i>Advanced Optical Materials</i> , 2017, 5, 1700751.	3.6	17
44	Near-Infrared Fluorescent Probe with New Recognition Moiety for Specific Detection of Tyrosinase Activity: Design, Synthesis, and Application in Living Cells and Zebrafish. <i>Angewandte Chemie</i> , 2016, 128, 14948-14952.	1.6	15
45	Piezoelectric and ferroelectric properties of 0.96(Na,K)(Nb _{0.9} Ta _{0.1})O ₃ –0.04LiSbO ₃ ceramics synthesized by molten salt method. <i>Journal of Alloys and Compounds</i> , 2009, 471, 428-431.	2.8	12
46	Heterogeneous Integration of Three-Primary-Color Photoluminescent Nanoparticle Arrays with Defined Interfaces. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 1616-1623.	4.0	12
47	Recent Advances in Noble-Metal-Free Catalysts for Electrocatalytic Synthesis of Ammonia under Ambient Conditions. <i>Chemistry - an Asian Journal</i> , 2020, 15, 1791-1807.	1.7	8
48	Facile molten salt synthesis of ordered perovskite Ba(Sr _{1/3} Nb _{2/3})O ₃ powders. <i>Inorganic Chemistry Communication</i> , 2012, 21, 92-95.	1.8	6
49	Multi-Element Topochemical-Molten Salt Synthesis of One-Dimensional Piezoelectric Perovskite. <i>IScience</i> , 2019, 17, 1-9.	1.9	4
50	Micropatterning: Direct Writing of Patterned, Lead-Free Nanowire Aligned Flexible Piezoelectric Device (Adv. Sci. 8/2016). <i>Advanced Science</i> , 2016, 3, .	5.6	1
51	Single Crystals: Direct Writing Multifunctional Perovskite Single Crystal Arrays by Inkjet Printing (Small 8/2017). <i>Small</i> , 2017, 13, .	5.2	1
52	Large-scale Two-dimensional MoS ₂ Catalyst Prepared under Mild Conditions for Enhancing Electrocatalytic Hydrogen Evolution Reaction. <i>Chemistry - an Asian Journal</i> , 2020, 15, 1990-1995.	1.7	0