

Li-Ping Jiang

List of Publications by Year in descending order

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68
papers

3,479
citations

136885

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138417

58
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all docs

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docs citations

68
times ranked

5505
citing authors

#	ARTICLE	IF	CITATIONS
1	A Facile Microwave Avenue to Electrochemiluminescent Two-Color Graphene Quantum Dots. <i>Advanced Functional Materials</i> , 2012, 22, 2971-2979.	7.8	768
2	Ultrasonic-Assisted Synthesis of Monodisperse Single-Crystalline Silver Nanoplates and Gold Nanorings. <i>Inorganic Chemistry</i> , 2004, 43, 5877-5883.	1.9	244
3	Three-dimensional Dendritic Pt Nanostructures: Sonoelectrochemical Synthesis and Electrochemical Applications. <i>Journal of Physical Chemistry C</i> , 2008, 112, 16385-16392.	1.5	180
4	Incorporating Nitrogen-Doped Graphene Quantum Dots and Ni ₃ S ₂ Nanosheets: A Synergistic Electrocatalyst with Highly Enhanced Activity for Overall Water Splitting. <i>Small</i> , 2017, 13, 1700264.	5.2	120
5	“Signal-On” Photoelectrochemical Biosensor for Sensitive Detection of Human T-Cell Lymphotropic Virus Type II DNA: Dual Signal Amplification Strategy Integrating Enzymatic Amplification with Terminal Deoxynucleotidyl Transferase-Mediated Extension. <i>Analytical Chemistry</i> , 2015, 87, 4949-4956.	3.2	108
6	Cascade Amplification-Mediated In Situ Hot-Spot Assembly for MicroRNA Detection and Molecular Logic Gate Operations. <i>Analytical Chemistry</i> , 2018, 90, 4544-4551.	3.2	108
7	Bacteria-Affinity 3D Macroporous Graphene/MWCNTs/Fe ₃ O ₄ Foams for High-Performance Microbial Fuel Cells. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 16170-16177.	4.0	96
8	Highly sensitive photoelectrochemical assay for DNA methyltransferase activity and inhibitor screening by exciton energy transfer coupled with enzyme cleavage biosensing strategy. <i>Biosensors and Bioelectronics</i> , 2015, 64, 449-455.	5.3	87
9	Endogenous mRNA Triggered DNA-Au Nanomachine for In Situ Imaging and Targeted Multimodal Synergistic Cancer Therapy. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 5948-5958.	7.2	80
10	Aptamer-Conjugated Au Nanocage/SiO ₂ Core-Shell Bifunctional Nanoprobes with High Stability and Biocompatibility for Cellular SERS Imaging and Near-Infrared Photothermal Therapy. <i>ACS Sensors</i> , 2019, 4, 301-308.	4.0	73
11	FITC Doped Rattle-Type Silica Colloidal Particle-Based Ratiometric Fluorescent Sensor for Biosensing and Imaging of Superoxide Anion. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 6423-6430.	4.0	72
12	Plasmon Near-Field Coupling of Bimetallic Nanostars and a Hierarchical Bimetallic SERS “Hot Field” Toward Ultrasensitive Simultaneous Detection of Multiple Cardiorenal Syndrome Biomarkers. <i>Analytical Chemistry</i> , 2019, 91, 864-872.	3.2	67
13	Hydrogen Evolution Reaction Monitored by Electrochemiluminescence Blinking at Single-Nanoparticle Level. <i>Nano Letters</i> , 2020, 20, 5008-5016.	4.5	66
14	Tuning Sn ₃ O ₄ for CO ₂ reduction to formate with ultra-high current density. <i>Nano Energy</i> , 2020, 77, 105296.	8.2	65
15	Tumor-Homing Cell-Penetrating Peptide Linked to Colloidal Mesoporous Silica Encapsulated (-)-Epigallocatechin-3-gallate as Drug Delivery System for Breast Cancer Therapy <i>in Vivo</i> . <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 18145-18155.	4.0	62
16	Peptide-Based Photoelectrochemical Cytosensor Using a Hollow-TiO ₂ /EG/ZnIn ₂ S ₄ Cosensitized Structure for Ultrasensitive Detection of Early Apoptotic Cells and Drug Evaluation. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 4429-4438.	4.0	56
17	Plasmon Coupling-Enhanced Raman Sensing Platform Integrated with Exonuclease-Assisted Target Recycling Amplification for Ultrasensitive and Selective Detection of microRNA-21. <i>Analytical Chemistry</i> , 2019, 91, 12298-12306.	3.2	56
18	“Stealth and Fully-Laden” Drug Carriers: Self-Assembled Nanogels Encapsulated with Epigallocatechin Gallate and siRNA for Drug-Resistant Breast Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 9938-9948.	4.0	53

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19	Hyaluronidase-triggered anticancer drug and siRNA delivery from cascaded targeting nanoparticles for drug-resistant breast cancer therapy. <i>Nano Research</i> , 2017, 10, 690-703.	5.8	50
20	NaCl Crystal Tuning Nitrogen Self-Doped Porous Graphitic Carbon Nanosheets for Efficient Oxygen Reduction. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 10275-10282.	3.2	49
21	Controlled Synthesis of EDTA-Modified Porous Hollow Copper Microspheres for High-Efficiency Conversion of CO ₂ to Multicarbon Products. <i>Nano Letters</i> , 2020, 20, 4823-4828.	4.5	48
22	Core/Satellite Structured Fe ₃ O ₄ /Au Nanocomposites Incorporated with Three-Dimensional Macroporous Graphene Foam as a High-Performance Anode for Microbial Fuel Cells. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 1311-1318.	3.2	47
23	Cascaded Aptamers-Governed Multistage Drug-Delivery System Based on Biodegradable Envelope-Type Nanovehicle for Targeted Therapy of HER2-Overexpressing Breast Cancer. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 34050-34059.	4.0	45
24	Microwave-assisted synthesis of a biocompatible polyacid-conjugated Fe ₃ O ₄ superparamagnetic hybrid. <i>CrystEngComm</i> , 2011, 13, 2425.	1.3	41
25	Highly Efficient Photoelectrochemical Reduction of CO ₂ at Low Applied Voltage Using 3D Co-Pi/BiVO ₄ /SnO ₂ Nanosheet Array Photoanodes. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 26024-26031.	4.0	41
26	Magnetite/Ceria-Codecorated Titanoniobate Nanosheet: A 2D Catalytic Nanoprobe for Efficient Enrichment and Programmed Dephosphorylation of Phosphopeptides. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 9563-9572.	4.0	39
27	Graphene Quantum Dots Wrapped Gold Nanoparticles with Integrated Enhancement Mechanisms as Sensitive and Homogeneous Substrates for Surface-Enhanced Raman Spectroscopy. <i>Analytical Chemistry</i> , 2019, 91, 7295-7303.	3.2	39
28	Crystal formation and growth mechanism of inorganic nanomaterials in sonochemical syntheses. <i>Science China Chemistry</i> , 2012, 55, 2292-2310.	4.2	36
29	Attaching DNA to Gold Nanoparticles With a Protein Corona. <i>Frontiers in Chemistry</i> , 2020, 8, 121.	1.8	36
30	A facile sonochemical route for the synthesis of MoS ₂ /Pd composites for highly efficient oxygen reduction reaction. <i>Ultrasonics Sonochemistry</i> , 2017, 35, 681-688.	3.8	35
31	Graphene/Fe ₃ O ₄ Nanocomposites as Efficient Anodes to Boost the Lifetime and Current Output of Microbial Fuel Cells. <i>Chemistry - an Asian Journal</i> , 2017, 12, 308-313.	1.7	35
32	Anodic Electrogenerated Chemiluminescence of Ru(bpy) ₃ ²⁺ with CdSe Quantum Dots as Coreactant and Its Application in Quantitative Detection of DNA. <i>Scientific Reports</i> , 2015, 5, 15392.	1.6	33
33	Adipocyte-Derived Anticancer Lipid Droplets. <i>Advanced Materials</i> , 2021, 33, e2100629.	11.1	32
34	DNA Polymerase-Directed Hairpin Assembly for Targeted Drug Delivery and Amplified Biosensing. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 26532-26540.	4.0	31
35	Sonochemical preparation of stable porous MnO ₂ and its application as an efficient electrocatalyst for oxygen reduction reaction. <i>Ultrasonics Sonochemistry</i> , 2017, 35, 219-225.	3.8	31
36	NIR-Triggered Chemo-Photothermal Therapy by Thermosensitive Gold Nanostar@Mesoporous Silica@Liposome-Composited Drug Delivery Systems. <i>ACS Applied Bio Materials</i> , 2020, 3, 5322-5330.	2.3	31

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37	Plasmonic Au nanostar Raman probes coupling with highly ordered TiO ₂ /Au nanotube arrays as the reliable SERS sensing platform for chronic myeloid leukemia drug evaluation. <i>Biosensors and Bioelectronics</i> , 2018, 117, 260-266.	5.3	30
38	Metal–Ligand Coordination Nanomaterials for Biomedical Imaging. <i>Bioconjugate Chemistry</i> , 2020, 31, 332-339.	1.8	28
39	Spatially Engineered Janus Hybrid Nanozyme toward SERS Liquid Biopsy at Nano/Microscales. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 41979-41987.	4.0	27
40	Adapting and Remolding: Orchestrating Tumor Microenvironment Normalization with Photodynamic Therapy by Size Transformable Nanoframeworks. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 11464-11473.	7.2	26
41	Target-triggered triple isothermal cascade amplification strategy for ultrasensitive microRNA-21 detection at sub-attomole level. <i>Biosensors and Bioelectronics</i> , 2016, 85, 891-896.	5.3	25
42	Multifunctional DNA Polycatenane Nanocarriers for Synergistic Targeted Therapy of Multidrug-Resistant Human Leukemia. <i>Advanced Functional Materials</i> , 2019, 29, 1905659.	7.8	24
43	Plasmonic Modulation of the Upconversion Luminescence Based on Gold Nanorods for Designing a New Strategy of Sensing MicroRNAs. <i>Analytical Chemistry</i> , 2020, 92, 11795-11801.	3.2	24
44	ELECTROCHEMICAL BEHAVIOR OF AMORPHOUS HYDROUS RUTHENIUM OXIDE/ACTIVE CARBON COMPOSITE ELECTRODES FOR SUPER-CAPACITOR. <i>International Journal of Modern Physics B</i> , 2002, 16, 4479-4483.	1.0	23
45	Effects of Small Molecules on DNA Adsorption by Gold Nanoparticles and a Case Study of Tris(2-carboxyethyl)phosphine (TCEP). <i>Langmuir</i> , 2019, 35, 13461-13468.	1.6	19
46	Tailoring nanoparticles for targeted drug delivery: From organ to subcellular level. <i>View</i> , 2021, 2, 20200131.	2.7	18
47	Electrochemical immunoassay for the prostate specific antigen using ceria mesoporous nanospheres. <i>Mikrochimica Acta</i> , 2014, 181, 1505-1512.	2.5	17
48	CdSeTe@CdS@ZnS Quantum-Dot-Sensitized Macroporous TiO ₂ Film: A Multisignal-Amplified Photoelectrochemical Platform. <i>ChemPhysChem</i> , 2015, 16, 2826-2835.	1.0	15
49	Trifunctional modification of individual bacterial cells for magnet-assisted bioanodes with high performance in microbial fuel cells. <i>Journal of Materials Chemistry A</i> , 2020, 8, 24515-24523.	5.2	13
50	Hemoglobin/DNA/layered double hydroxide composites for biosensing applications. <i>Analytical Methods</i> , 2013, 5, 3565.	1.3	12
51	Sequential Delivery and Cascade Targeting of Peptide Therapeutics for Triplexed Synergistic Therapy with Real-Time Monitoring Shuttled by Magnetic Gold Nanostars. <i>Analytical Chemistry</i> , 2019, 91, 4608-4617.	3.2	12
52	Anatase TiO ₂ nanoparticle–graphene nanocomposites: One-step preparation and their enhanced direct electrochemistry of hemoglobin. <i>Analytical Methods</i> , 2012, 4, 619.	1.3	10
53	Endogenous mRNA Triggered DNA–Au Nanomachine for In Situ Imaging and Targeted Multimodal Synergistic Cancer Therapy. <i>Angewandte Chemie</i> , 2021, 133, 6013-6023.	1.6	10
54	Long-term cell culture and electrically <i>in situ</i> monitoring of living cells based on a polyaniline hydrogel sensor. <i>Journal of Materials Chemistry B</i> , 2021, 9, 9514-9523.	2.9	9

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55	Sonochemical Synthesis of CdS and CdSe Nanowires. <i>Journal of Nanoscience and Nanotechnology</i> , 2006, 6, 2584-2587.	0.9	8
56	Screening of HER2 Overexpressed Breast Cancer Subtype In Vivo by the Validation of High-Performance, Long-Term, and Noninvasive Fluorescence Tracer. <i>Analytical Chemistry</i> , 2015, 87, 12290-12297.	3.2	8
57	pH-sensitive CAP/SiO ₂ composite for efficient co-delivery of doxorubicin and siRNA to overcome multiple drug resistance. <i>RSC Advances</i> , 2020, 10, 4251-4257.	1.7	8
58	A bioinspired hollow g-C ₃ N ₄ @CuPc heterostructure with remarkable SERS enhancement and photosynthesis-mimicking properties for theranostic applications. <i>Chemical Science</i> , 2022, 13, 6573-6582.	3.7	8
59	Preparation of the glucose sensor based on three-dimensional ordered macroporous gold film and room temperature ionic liquid. <i>Science in China Series B: Chemistry</i> , 2009, 52, 1999-2005.	0.8	7
60	Electrochemical Method Assisted Immobilization and Orientation of Myoglobin into Biomimetic Brij 56 Film and Its Direct Electrochemistry Study. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 11286-11293.	4.0	7
61	A ratiometric electrochemiluminescent cytosensor based on polyaniline hydrogel electrodes in spatially separated electrochemiluminescent systems. <i>Analyst</i> , 2021, 146, 1835-1838.	1.7	6
62	Highly Biocompatible Plasmonically Encoded Raman Scattering Nanoparticles Aid Ultrabright and Accurate Bioimaging. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 135-147.	4.0	6
63	An electrochemical-TUNEL method for sensitive detection of apoptotic cells. <i>Analyst</i> , 2016, 141, 567-569.	1.7	5
64	Sonochemical fabrication of CdSexTe _{1-x} /Au nanotubes and their potential application in biosensing. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	0.8	4
65	Live microalgal cells modified by Au@carbon dots/bilirubin oxidase layers for enhanced oxygen reduction in a membraneless biofuel cell. <i>SmartMat</i> , 2022, 3, 298-310.	6.4	4
66	Sonochemical Synthesis of Two Dimensional C ₃ N ₄ Nanosheets Supported Palladium Composites and Their Electrocatalytic Activity for Oxygen Reduction and Methanol Oxidation Reaction. <i>Chinese Journal of Chemistry</i> , 2017, 35, 969-976.	2.6	3
67	Adapting and Remolding: Orchestrating Tumor Microenvironment Normalization with Photodynamic Therapy by Size Transformable Nanoframeworks. <i>Angewandte Chemie</i> , 2021, 133, 11565-11574.	1.6	3
68	Cancer Therapy: Adipocyte-Derived Anticancer Lipid Droplets (<i>Adv. Mater.</i> 26/2021). <i>Advanced Materials</i> , 2021, 33, 2170198.	11.1	0