

Da-Wei Li

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

2,311
citations

257450

24
h-index

214800

47
g-index

60
all docs

60
docs citations

60
times ranked

3209
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon dots induced in-situ formation of porous europium micro-networks with enhanced photocatalysis. <i>Journal of Colloid and Interface Science</i> , 2022, 606, 600-606.	9.4	21
2	Customized Carbon Dots with Predictable Optical Properties Synthesized at Room Temperature Guided by Machine Learning. <i>Chemistry of Materials</i> , 2022, 34, 998-1009.	6.7	40
3	Dynamic Visualization of Endoplasmic Reticulum Stress in Living Cells via a Two-Stage Cascade Recognition Process. <i>Analytical Chemistry</i> , 2022, 94, 2882-2890.	6.5	17
4	Deep Learning-Based Spectral Extraction for Improving the Performance of Surface-Enhanced Raman Spectroscopy Analysis on Multiplexed Identification and Quantitation. <i>Journal of Physical Chemistry A</i> , 2022, 126, 2278-2285.	2.5	9
5	Reversible polymerization of carbon dots based on dynamic covalent imine bond. <i>Journal of Colloid and Interface Science</i> , 2022, 621, 464-469.	9.4	13
6	MOFs-functionalized regenerable SERS sensor based on electrochemistry for pretreatment-free detection of serum alkaline phosphatase activity. <i>Sensors and Actuators B: Chemical</i> , 2022, 369, 132264.	7.8	17
7	Electrochemically renewable SERS sensor: A new platform for the detection of metabolites involved in peroxide production. <i>Biosensors and Bioelectronics</i> , 2021, 175, 112918.	10.1	21
8	Sialidase-Conjugated "NanoNiche" for Efficient Immune Checkpoint Blockade Therapy. <i>ACS Applied Bio Materials</i> , 2021, 4, 5735-5741.	4.6	8
9	In Situ Characterization of Dehydration during Ion Transport in Polymeric Nanochannels. <i>Journal of the American Chemical Society</i> , 2021, 143, 14242-14252.	13.7	89
10	In Situ Monitoring of Hydrogen Peroxide Released from Living Cells Using a ZIF-8-Based Surface-Enhanced Raman Scattering Sensor. <i>Analytical Chemistry</i> , 2021, 93, 12609-12616.	6.5	22
11	Dual-Emitting Carbonized Polymer Dots Synthesized at Room Temperature for Ratiometric Fluorescence Sensing of Vitamin B12. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 50228-50235.	8.0	22
12	Nanopipette-Based Nanosensor for Label-Free Electrochemical Monitoring of Cell Membrane Rupture under H ₂ O ₂ Treatment. <i>Analytical Chemistry</i> , 2021, 93, 13967-13973.	6.5	10
13	Confused Phlorin-Prodigiosin Chimera: meso-Aryl Oxidation and Extension Triggered by Peripheral Coordination. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 1537-1541.	13.8	32
14	Sensitive and selective SERS probe for detecting the activity of $\hat{\Gamma}^3$ -glutamyl transpeptidase in serum. <i>Analytica Chimica Acta</i> , 2020, 1099, 119-125.	5.4	10
15	"Hot-node"-controlled facile synthesis of 3D rare earth micro-networks with symmetry deviation induced high luminescence. <i>Journal of Materials Chemistry C</i> , 2020, 8, 11962-11969.	5.5	18
16	Enzyme-free amplified SERS immunoassay for the ultrasensitive detection of disease biomarkers. <i>Chemical Communications</i> , 2020, 56, 2933-2936.	4.1	22
17	Recyclable three-dimensional Ag nanorod arrays decorated with O-g-C ₃ N ₄ for highly sensitive SERS sensing of organic pollutants. <i>Journal of Hazardous Materials</i> , 2019, 379, 120823.	12.4	47
18	Detection of leucine aminopeptidase activity in serum using surface-enhanced Raman spectroscopy. <i>Analyst</i> , 2019, 144, 1394-1400.	3.5	8

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19	Facile <i>in situ</i> synthesis of core-shell MOF@Ag nanoparticle composites on screen-printed electrodes for ultrasensitive SERS detection of polycyclic aromatic hydrocarbons. <i>Journal of Materials Chemistry A</i> , 2019, 7, 14108-14117.	10.3	87
20	Simultaneous Removal of Multiple Heavy Metal Ions from River Water Using Ultrafine Mesoporous Magnetite Nanoparticles. <i>ACS Omega</i> , 2019, 4, 7543-7549.	3.5	108
21	Electrochemistry-Regulated Recyclable SERS Sensor for Sensitive and Selective Detection of Tyrosinase Activity. <i>Analytical Chemistry</i> , 2019, 91, 6507-6513.	6.5	43
22	SERS-based chip for discrimination of formaldehyde and acetaldehyde in aqueous solution using silver reduction. <i>Mikrochimica Acta</i> , 2019, 186, 175.	5.0	20
23	Simultaneous Detection of Intracellular Nitric Oxide and Peroxynitrite by a Surface-Enhanced Raman Scattering Nanosensor with Dual Reactivity. <i>ACS Sensors</i> , 2019, 4, 3234-3239.	7.8	16
24	Highly Sensitive and Selective Electrochemical Detection of Dopamine using Hybrid Bilayer Membranes. <i>ChemElectroChem</i> , 2019, 6, 634-637.	3.4	14
25	A phenylboronate-based SERS nanoprobe for detection and imaging of intracellular peroxynitrite. <i>Mikrochimica Acta</i> , 2019, 186, 11.	5.0	20
26	Reaction-based SERS nanosensor for monitoring and imaging the endogenous hypochlorous acid in living cells. <i>Analytica Chimica Acta</i> , 2018, 1018, 104-110.	5.4	20
27	On-site preconcentration of pesticide residues in a drop of seawater by using electrokinetic trapping, and their determination by surface-enhanced Raman scattering. <i>Mikrochimica Acta</i> , 2018, 185, 10.	5.0	31
28	Individual Modified Carbon Nanotube Collision for Electrocatalytic Oxidation of Hydrazine in Aqueous Solution. <i>ACS Applied Nano Materials</i> , 2018, 1, 2069-2075.	5.0	12
29	Electrocatalytic Oxidation of Tris(2-carboxyethyl)phosphine at Pyrroloquinoline Quinone Modified Carbon Nanotube through Single Nanoparticle Collision. <i>Analytical Chemistry</i> , 2018, 90, 6059-6063.	6.5	13
30	Facile fabrication of ternary TiO ₂ -gold nanoparticle-graphene oxide nanocomposites for recyclable surface enhanced Raman scattering. <i>Talanta</i> , 2018, 186, 265-271.	5.5	21
31	Spectroelectrochemical study of the AMP-Ag ⁺ and ATP-Ag ⁺ complexes using silver mesh electrodes. <i>Analyst</i> , 2018, 143, 2342-2348.	3.5	5
32	Griess reaction-based paper strip for colorimetric/fluorescent/SERS triple sensing of nitrite. <i>Biosensors and Bioelectronics</i> , 2018, 99, 389-398.	10.1	131
33	Monitoring disulfide bonds making and breaking in biological nanopore at single molecule level. <i>Science China Chemistry</i> , 2018, 61, 1385-1388.	8.2	14
34	Facile fabrication of silver nanoparticle-coated silica-C18 core-shell microspheres and their applications in SERS detection. <i>RSC Advances</i> , 2017, 7, 19262-19266.	3.6	3
35	Real-Time Sensing of O-Phenylenediamine Oxidation on Gold Nanoparticles. <i>Sensors</i> , 2017, 17, 530.	3.8	20
36	SERS nanoprobe for the monitoring of endogenous nitric oxide in living cells. <i>Biosensors and Bioelectronics</i> , 2016, 85, 324-330.	10.1	56

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37	Highly Reproducible Ag NPs/CNT-Intercalated GO Membranes for Enrichment and SERS Detection of Antibiotics. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 28180-28186.	8.0	85
38	Monitoring of Endogenous Hydrogen Sulfide in Living Cells Using Surface-Enhanced Raman Scattering. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12758-12761.	13.8	122
39	Facile Fabrication of a Silver Dendrite-Integrated Chip for Surface-Enhanced Raman Scattering. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 2931-2936.	8.0	50
40	Label-free in-situ monitoring of protein tyrosine nitration in blood by surface-enhanced Raman spectroscopy. <i>Biosensors and Bioelectronics</i> , 2015, 69, 1-7.	10.1	20
41	Raman/fluorescence dual-sensing and imaging of intracellular pH distribution. <i>Chemical Communications</i> , 2015, 51, 17584-17587.	4.1	33
42	Highly Selective Detection of Carbon Monoxide in Living Cells by Palladacycle Carbonylation-Based Surface Enhanced Raman Spectroscopy Nanosensors. <i>Analytical Chemistry</i> , 2015, 87, 9696-9701.	6.5	92
43	In situ monitoring of palladacycle-mediated carbonylation by surface-enhanced Raman spectroscopy. <i>RSC Advances</i> , 2015, 5, 97734-97737.	3.6	3
44	A hybrid method combining an electrochemical technique and fluorescence measurement for the highly selective and sensitive detection of Cd ²⁺ . <i>Analytical Methods</i> , 2015, 7, 472-477.	2.7	4
45	Recent progress in surface enhanced Raman spectroscopy for the detection of environmental pollutants. <i>Mikrochimica Acta</i> , 2014, 181, 23-43.	5.0	239
46	SERS sensing of sulfide based on the sulfidation of silver nanoparticles. <i>Analytical Methods</i> , 2013, 5, 6579.	2.7	19
47	Low temperature synthesis and SERS application of silver molybdenum oxides. <i>Journal of Materials Chemistry A</i> , 2013, 1, 2558.	10.3	43
48	Rapid method for on-site determination of phenolic contaminants in water using a disposable biosensor. <i>Frontiers of Environmental Science and Engineering</i> , 2012, 6, 831-838.	6.0	4
49	Cu@Ag ₂ -AgVO ₃ as a SERS substrate for the trace level detection of carbamate pesticides. <i>Analytical Methods</i> , 2012, 4, 3785.	2.7	24
50	Inside Back Cover: Electrodeposition of Single-Metal Nanoparticles on Stable Protein Membranes: Application of Plasmonic Sensing by Single Nanoparticles (<i>Angew. Chem. Int. Ed.</i> 1/2012). <i>Angewandte Chemie - International Edition</i> , 2012, 51, 277-277.	13.8	0
51	CdSe/ZnS quantum dot-Cytochrome c bioconjugates for selective intracellular O ₂ ^{•-} sensing. <i>Chemical Communications</i> , 2011, 47, 8539.	4.1	54
52	Facile On-Site Detection of Substituted Aromatic Pollutants in Water Using Thin Layer Chromatography Combined with Surface-Enhanced Raman Spectroscopy. <i>Environmental Science & Technology</i> , 2011, 45, 4046-4052.	10.0	155
53	Simultaneous determination of cadmium(II), lead(II) and copper(II) by using a screen-printed electrode modified with mercury nano-droplets. <i>Mikrochimica Acta</i> , 2010, 169, 321-326.	5.0	76
54	High Sensitive On-Site Cadmium Sensor Based on AuNPs Amalgam Modified Screen-Printed Carbon Electrodes. <i>IEEE Sensors Journal</i> , 2010, 10, 1583-1588.	4.7	33

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55	Simultaneous determination of dihydroxybenzene isomers using disposable screen-printed electrode modified by multiwalled carbon nanotubes and gold nanoparticles. <i>Analytical Methods</i> , 2010, 2, 837.	2.7	93