

Yong-Fei Li

List of Publications by Year in descending order

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47
papers

1,931
citations

257429

24
h-index

254170

43
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47
all docs

47
docs citations

47
times ranked

1879
citing authors

#	ARTICLE	IF	CITATIONS
1	A Dual-Response Fluorescent Probe for the Detection of Viscosity and H_2S and Its Application in Studying Their Cross-Talk Influence in Mitochondria. <i>Analytical Chemistry</i> , 2018, 90, 9418-9425.	6.5	176
2	Facile and Sensitive Near-Infrared Fluorescence Probe for the Detection of Endogenous Alkaline Phosphatase Activity In Vivo. <i>Analytical Chemistry</i> , 2017, 89, 6854-6860.	6.5	163
3	Real-Time Monitoring ATP in Mitochondrion of Living Cells: A Specific Fluorescent Probe for ATP by Dual Recognition Sites. <i>Analytical Chemistry</i> , 2017, 89, 1749-1756.	6.5	154
4	Near-Infrared Fluorescent Probe with High Quantum Yield and Its Application in the Selective Detection of Glutathione in Living Cells and Tissues. <i>Analytical Chemistry</i> , 2016, 88, 9746-9752.	6.5	122
5	Monitoring the Fluctuation of Hydrogen Peroxide in Diabetes and Its Complications with a Novel Near-Infrared Fluorescent Probe. <i>Analytical Chemistry</i> , 2021, 93, 3301-3307.	6.5	110
6	A ratiometric fluorescent probe for peroxynitrite prepared by <i>de novo</i> synthesis and its application in assessing the mitochondrial oxidative stress status in cells and <i>in vivo</i> . <i>Chemical Communications</i> , 2018, 54, 11590-11593.	4.1	90
7	Efficient Two-Photon Fluorescent Probe for Imaging of Nitric Oxide during Endoplasmic Reticulum Stress. <i>ACS Sensors</i> , 2018, 3, 2311-2319.	7.8	81
8	Fluorescence-Guided Cancer Diagnosis and Surgery by a Zero Cross-Talk Ratiometric Near-Infrared β -Glutamyltranspeptidase Fluorescent Probe. <i>Analytical Chemistry</i> , 2019, 91, 1056-1063.	6.5	72
9	Mitochondria-targeted near-infrared fluorescent probe for the detection of carbon monoxide in vivo. <i>Talanta</i> , 2018, 188, 691-700.	5.5	67
10	In-Situ Imaging of Azoreductase Activity in the Acute and Chronic Ulcerative Colitis Mice by a Near-Infrared Fluorescent Probe. <i>Analytical Chemistry</i> , 2019, 91, 10901-10907.	6.5	64
11	A near-infrared fluorescent probe based on BODIPY derivative with high quantum yield for selective detection of exogenous and endogenous cysteine in biological samples. <i>Analytica Chimica Acta</i> , 2017, 994, 73-81.	5.4	59
12	Construction of NIR and Ratiometric Fluorescent Probe for Monitoring Carbon Monoxide under Oxidative Stress in Zebrafish. <i>Analytical Chemistry</i> , 2021, 93, 2510-2518.	6.5	57
13	Rhodamine-based chemodosimeter for fluorescent determination of Hg^{2+} in 100% aqueous solution and in living cells. <i>Analytica Chimica Acta</i> , 2016, 934, 218-225.	5.4	48
14	Two-photon fluorescence probe for precisely detecting endogenous H_2S in lysosome by employing a dual lock system. <i>Sensors and Actuators B: Chemical</i> , 2018, 260, 264-273.	7.8	47
15	A highly sensitive and selective fluorescent probe for trivalent aluminum ion based on rhodamine derivative in living cells. <i>Analytica Chimica Acta</i> , 2015, 888, 155-161.	5.4	46
16	Detecting and Imaging of β -Glutamyltranspeptidase Activity in Serum, Live Cells, and Pathological Tissues with a High Signal-Stability Probe by Releasing a Precipitating Fluorochrome. <i>ACS Sensors</i> , 2018, 3, 1354-1361.	7.8	45
17	Accurate Fluorescence Diagnosis of Cancer Based on Sequential Detection of Hydrogen Sulfide and pH. <i>Analytical Chemistry</i> , 2021, 93, 11826-11835.	6.5	41
18	An infinite coordination polymer nanoparticles-based near-infrared fluorescent probe with high photostability for endogenous alkaline phosphatase in vivo. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 3355-3363.	7.8	38

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19	Real-time imaging of alkaline phosphatase activity of diabetes in mice <i>via</i> a near-infrared fluorescent probe. <i>Chemical Communications</i> , 2021, 57, 480-483.	4.1	38
20	Hydroxyalkylation of Phenol with Formaldehyde to Bisphenol F Catalyzed by Keggin Phosphotungstic Acid Encapsulated in Metal-Organic Frameworks MIL-100(Fe or Cr) and MIL-101(Fe or Cr). <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 11804-11813.	3.7	36
21	Novel Strategy for Validating the Existence and Mechanism of the "Gut-Liver Axis" in Vivo by a Hypoxia-Sensitive NIR Fluorescent Probe. <i>Analytical Chemistry</i> , 2020, 92, 4244-4250.	6.5	36
22	A ratiometric fluorescent chemosensor for Cr ³⁺ based on monomer-excimer conversion of a pyrene compound. <i>Sensors and Actuators B: Chemical</i> , 2014, 203, 712-718.	7.8	31
23	Near-Infrared Fluorescence MOF Nanoprobe for Adenosine Triphosphate-Guided Imaging in Colitis. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 47840-47847.	8.0	30
24	A rhodamine-deoxylactam based fluorescent probe for fast and selective detection of nitric oxide in living cells. <i>Talanta</i> , 2019, 197, 436-443.	5.5	26
25	NAD(P)H-triggered probe for dual-modal imaging during energy metabolism and novel strategy of enhanced photothermal therapy in tumor. <i>Biomaterials</i> , 2021, 271, 120736.	11.4	22
26	A near-infrared fluorescent probe for accurately diagnosing cancer by sequential detection of cysteine and H ⁺ . <i>Chemical Communications</i> , 2021, 57, 4811-4814.	4.1	22
27	A facile pH near-infrared fluorescence probe for the diagnosis of cancer in vivo. <i>Dyes and Pigments</i> , 2020, 179, 108402.	3.7	21
28	The efficient hydroxyalkylation of phenol with formaldehyde to bisphenol F over a thermoregulated phase-separable reaction system containing a water-soluble Brønsted acidic ionic liquid. <i>RSC Advances</i> , 2014, 4, 33466-33473.	3.6	20
29	A novel strategy for constructing mesoporous solid superbase catalysts: bimetallic Al-La oxides supported on SBA-15 modified with KF. <i>Catalysis Science and Technology</i> , 2017, 7, 725-733.	4.1	20
30	Novel near-infrared fluorescence probe with large Stokes shift for monitoring CCl ₄ -induced toxic hepatitis. <i>Talanta</i> , 2021, 223, 121720.	5.5	18
31	TiO ₂ -ZrO ₂ Composite Oxide as an Acid-Base Bifunctional Catalyst for Self-Condensation of Cyclopentanone. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 19918-19928.	3.7	17
32	A novel HPQ-based fluorescent probe for the visualization of carbon monoxide in zebrafish. <i>Sensors and Actuators B: Chemical</i> , 2021, 340, 129920.	7.8	16
33	A tumor-targeting near-infrared fluorescent probe for real-time imaging ATP in cancer cells and mice. <i>Analytica Chimica Acta</i> , 2022, 1206, 339798.	5.4	14
34	ATP-responsive near-infrared fluorescent nanoparticles for synergistic chemotherapy and starvation therapy. <i>Nanoscale</i> , 2022, 14, 3808-3817.	5.6	11
35	ATP-responsive near-infrared fluorescence MOF nanoprobe for the controlled release of anticancer drug. <i>Mikrochimica Acta</i> , 2021, 188, 287.	5.0	10
36	Detection and Removal of Hg ²⁺ Based on Mesoporous Silica Material Functionalized by Naphthalimide in Aqueous Solution. <i>Analytical Sciences</i> , 2014, 30, 257-262.	1.6	8

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37	A Highly Efficient KF Modified Nanorod Support Zr ^{IV} Ce Oxide Catalyst and its Application. ChemCatChem, 2018, 10, 4739-4746.	3.7	8
38	Ratiometric near-infrared chemosensor for trivalent chromium ion based on tricarboyanine in living cells. Analytica Chimica Acta, 2014, 824, 71-77.	5.4	7
39	Extraction of bisphenol F three isomers from water with 1-octyl-3-methylimidazolium tetrafluoroborate ionic liquid. Canadian Journal of Chemical Engineering, 2017, 95, 516-523.	1.7	7
40	Preparation of Fe(II)/MOF-5 Catalyst for Highly Selective Catalytic Hydroxylation of Phenol by Equivalent Loading at Room Temperature. Journal of Chemistry, 2019, 2019, 1-10.	1.9	7
41	Two Synthesis Methods for Fe(III)/MOF-5 derived Porous Carbon Composites for Enhanced Phenol Hydroxylation. ChemistrySelect, 2019, 4, 13638-13645.	1.5	7
42	Low Temperature Preparation of a Mesoporous Silica Superbase by Employing the Multifunctionality of a La ₂ O ₃ Interlayer. ChemCatChem, 2017, 9, 1641-1647.	3.7	5
43	A New Fe(III)/MOF-5(Ni) Catalyst for Highly Selective Synthesis of Catechol from Phenol and Hydrogen Peroxide. ChemistrySelect, 2019, 4, 1502-1509.	1.5	5
44	The Cyclopentanone Self-condensation Over Calcined and Uncalcined TiO ₂ -ZrO ₂ with Different Acidic Properties. Catalysis Letters, 2022, 152, 806-820.	2.6	4
45	Extraction of Luteolin from Peanut Shells by A Hydrophilic Ionic Liquid based Microwave assisted Method. ChemistrySelect, 2019, 4, 13589-13595.	1.5	2
46	Synthesis of a Stable, Water Tolerant, Short Mesoporous Organic Biguanide, Strong Solid Base and Its Application in Catalysis. ChemistrySelect, 2019, 4, 13149-13155.	1.5	2
47	Synthesis of Biodiesel from Soybean Oil with Methanol Catalyzed by Ni Doped CaO-MgO Catalysts. ChemistrySelect, 2019, 4, 11181-11188.	1.5	1