

# Qian Liu

## List of Publications by Year in descending order

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53  
papers

1,468  
citations

304743

22  
h-index

345221

36  
g-index

53  
all docs

53  
docs citations

53  
times ranked

2133  
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface Plasmon-Coupled Emission: What Can Directional Fluorescence Bring to the Analytical Sciences?. <i>Annual Review of Analytical Chemistry</i> , 2012, 5, 317-336.	5.4	128
2	Zinc levels in seminal plasma and their correlation with male infertility: A systematic review and meta-analysis. <i>Scientific Reports</i> , 2016, 6, 22386.	3.3	128
3	BRAF Mutations in Patients with Non-Small Cell Lung Cancer: A Systematic Review and Meta-Analysis. <i>PLoS ONE</i> , 2014, 9, e101354.	2.5	85
4	RAB26-dependent autophagy protects adherens junctional integrity in acute lung injury. <i>Autophagy</i> , 2018, 14, 1677-1692.	9.1	78
5	Label-Free Aptasensor Based on Ultrathin-Linker-Mediated Hot-Spot Assembly To Induce Strong Directional Fluorescence. <i>Journal of the American Chemical Society</i> , 2014, 136, 6802-6805.	13.7	60
6	Surface plasmon-coupled directional emission based on a conformational-switching signaling aptamer. <i>Chemical Communications</i> , 2009, , 3190.	4.1	57
7	Cubic MnS <sub>2</sub> Composites Derived from a Prussian Blue Analogue as Anode Materials for Sodium-Ion Batteries with Long-Term Cycle Stability. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 43624-43633.	8.0	53
8	Electric Field Assisted Surface Plasmon-Coupled Directional Emission: An Active Strategy on Enhancing Sensitivity for DNA Sensing and Efficient Discrimination of Single Base Mutation. <i>Journal of the American Chemical Society</i> , 2011, 133, 1787-1789.	13.7	47
9	Beneficial effects of urine-derived stem cells on fibrosis and apoptosis of myocardial, glomerular and bladder cells. <i>Molecular and Cellular Endocrinology</i> , 2016, 427, 21-32.	3.2	45
10	Assembling Defined DNA Nanostructure with Nitrogen-Enriched Carbon Dots for Theranostic Cancer Applications. <i>Small</i> , 2020, 16, e1906975.	10.0	45
11	Isothermal Self-Assembly of Spermidine-DNA Nanostructure Complex as a Functional Platform for Cancer Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 15504-15516.	8.0	38
12	Counting and Recognizing Single Bacterial Cells by a Lanthanide-Encoding Inductively Coupled Plasma Mass Spectrometric Approach. <i>Analytical Chemistry</i> , 2019, 91, 8341-8349.	6.5	37
13	Therapeutic effect of urine-derived stem cells for protamine/lipopolysaccharide-induced interstitial cystitis in a rat model. <i>Stem Cell Research and Therapy</i> , 2017, 8, 107.	5.5	35
14	Synchronous Fluorescence Spectroscopy and Its Applications in Clinical Analysis and Food Safety Evaluation. <i>Reviews in Fluorescence</i> , 2012, , 95-117.	0.5	34
15	Increased Piezo1 channel activity in interstitial Cajal-like cells induces bladder hyperactivity by functionally interacting with NCX1 in rats with cyclophosphamide-induced cystitis. <i>Experimental and Molecular Medicine</i> , 2018, 50, 1-16.	7.7	31
16	Comparative study of serum zinc concentrations in benign and malignant prostate disease: A Systematic Review and Meta-Analysis. <i>Scientific Reports</i> , 2016, 6, 25778.	3.3	30
17	Rapid simultaneous determination of protoporphyrin IX, uroporphyrin III and coproporphyrin III in human whole blood by non-linear variable-angle synchronous fluorescence technique coupled with partial least squares. <i>Talanta</i> , 2010, 82, 1516-1520.	5.5	29
18	Regulation on Toll-like Receptor 4 and Cell Barrier Function by Rab26 siRNA-loaded DNA Nanovector in Pulmonary Microvascular Endothelial Cells. <i>Theranostics</i> , 2017, 7, 2537-2554.	10.0	26

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19	Interleukin-6/signal transducer and activator of transcription 3 promotes prostate cancer resistance to androgen deprivation therapy via regulating pituitary tumor transforming gene 1 expression. <i>Cancer Science</i> , 2018, 109, 678-687.	3.9	26
20	Directional surface plasmon-coupled emission of CdTe quantum dots and its application in Hg(ii) sensing. <i>Analytical Methods</i> , 2012, 4, 3956.	2.7	25
21	Turning on fluorescence by plasmonic assembly with large tunable spacing: a new observation and its biosensing application. <i>Chemical Communications</i> , 2014, 50, 518-520.	4.1	25
22	Surface Plasmon-Coupled Directional Enhanced Raman Scattering by Means of the Reverse Kretschmann Configuration. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 2015-2019.	4.6	25
23	Targeted Delivery of Rab26 siRNA with Precisely Tailored DNA Prism for Lung Cancer Therapy. <i>ChemBioChem</i> , 2019, 20, 1139-1144.	2.6	25
24	A Simple Fluorescence Spectroscopic Approach for Simultaneous and Rapid Detection of Four Polycyclic Aromatic Hydrocarbons (PAH4) in Vegetable Oils. <i>Food Analytical Methods</i> , 2016, 9, 3209-3217.	2.6	24
25	High-Resolution Melting Analysis for accurate detection of BRAF mutations: a systematic review and meta-analysis. <i>Scientific Reports</i> , 2015, 4, 4168.	3.3	23
26	The reverse-mode NCX1 activity inhibitor KB-R7943 promotes prostate cancer cell death by activating the JNK pathway and blocking autophagic flux. <i>Oncotarget</i> , 0, 7, 42059-42070.	1.8	23
27	Cyanidin Curtails Renal Cell Carcinoma Tumorigenesis. <i>Cellular Physiology and Biochemistry</i> , 2018, 46, 2517-2531.	1.6	22
28	Plasmon-mediated fluorescence with distance independence: From model to a biosensing application. <i>Biosensors and Bioelectronics</i> , 2014, 58, 258-265.	10.1	21
29	Fluorescence enhancement by hollow plasmonic assembly and its biosensing application. <i>Analytica Chimica Acta</i> , 2021, 1144, 96-101.	5.4	21
30	Amplified Fluorescence by Hollow-Porous Plasmonic Assembly: A New Observation and Its Application in Multiwavelength Simultaneous Detection. <i>Analytical Chemistry</i> , 2021, 93, 3671-3676.	6.5	21
31	ATG101 Single-Stranded Antisense RNA-Loaded Triangular DNA Nanoparticles Control Human Pulmonary Endothelial Growth via Regulation of Cell Macroautophagy. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 42544-42555.	8.0	18
32	Prism-Based Surface Plasmon Coupled Emission Imaging. <i>ChemPhysChem</i> , 2012, 13, 3848-3851.	2.1	17
33	Surface Plasmon Coupled Emission in Micrometer-Scale Cells: A Leap from Interface to Bulk Targets. <i>Journal of Physical Chemistry B</i> , 2015, 119, 2921-2927.	2.6	15
34	Cyclophosphamide-induced HCN1 channel upregulation in interstitial Cajal-like cells leads to bladder hyperactivity in mice. <i>Experimental and Molecular Medicine</i> , 2017, 49, e319-e319.	7.7	15
35	A novel rapid method for simultaneous determination of three diagnostically important porphyrins in erythrocytes using hyphenated synchronous fluorescence techniques. <i>Talanta</i> , 2012, 88, 663-668.	5.5	14
36	Rapid fluorescence spectroscopic screening method for the sensitive detection of thiabendazole in red wine. <i>Analytical Methods</i> , 2014, 6, 7260-7267.	2.7	13

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37	Variable-Angle Nanoplasmonic Fluorescence Microscopy: An Axially Resolved Method for Tracking the Endocytic Pathway. <i>Analytical Chemistry</i> , 2019, 91, 13658-13664.	6.5	13
38	Interaction of Caveolin-3 and HCN is involved in the pathogenesis of diabetic cystopathy. <i>Scientific Reports</i> , 2016, 6, 24844.	3.3	11
39	Multiarchitecture-Based Plasmonic-Coupled Emission Employing Gold Nanoparticles: An Efficient Fluorescence Modulation and Biosensing Platform. <i>Langmuir</i> , 2021, 37, 11880-11886.	3.5	11
40	A Simple Synchronous Fluorescence Approach for Rapid and Sensitive Determination of Rhodamine B in Chilli Products. <i>Food Analytical Methods</i> , 2015, 8, 189-194.	2.6	10
41	High performance dual-mode surface plasmon coupled emission imaging apparatus integrating Kretschmann and reverse Kretschmann configurations for flexible measurements. <i>Review of Scientific Instruments</i> , 2016, 87, 013705.	1.3	10
42	Modulation of surface plasmon coupled emission (SPCE) by a pulsed magnetic field. <i>Chemical Communications</i> , 2015, 51, 12320-12323.	4.1	9
43	Hydrophobic bile acids relax rat detrusor contraction via inhibiting the opening of the Na <sup>+</sup> /Ca <sup>2+</sup> exchanger. <i>Scientific Reports</i> , 2016, 6, 21358.	3.3	9
44	Functionalizing DNA nanostructures with natural cationic amino acids. <i>Bioactive Materials</i> , 2021, 6, 2946-2955.	15.6	9
45	EP3 activation facilitates bladder excitability via HCN channels on ICCs. <i>Biochemical and Biophysical Research Communications</i> , 2017, 485, 535-541.	2.1	7
46	Metallic Nanofilm Enhanced Fluorescence Cell Imaging: A Study of Distance-Dependent Intensity and Lifetime by Optical Sectioning Microscopy. <i>Journal of Physical Chemistry B</i> , 2020, 124, 2760-2768.	2.6	6
47	Strong fluorescence emission localized at a tapered silver-plated sub-wavelength pore. <i>New Journal of Chemistry</i> , 2015, 39, 77-80.	2.8	4
48	Surface Plasmon-coupled Emission of Multicolor Quantum Dots. <i>Acta Chimica Sinica</i> , 2012, 70, 2220.	1.4	3
49	Influence of Sample Thickness on Surface Plasmon Coupled Emission (SPCE) over a Large Range in Water. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2018, 215, 1800373.	1.8	2
50	Protein-mediated DNA self-assembly by controlling the surface charge in a molecular crowding environment. <i>Biomaterials Science</i> , 2022, , .	5.4	2
51	Directional Fluorescence Based on Surface Plasmon-Coupling. <i>Reviews in Fluorescence</i> , 2016, , 71-95.	0.5	1
52	Increased transient receptor potential canonical 3 activity is involved in the pathogenesis of detrusor overactivity by dynamic interaction with Na <sup>+</sup> /Ca <sup>2+</sup> exchanger 1. <i>Laboratory Investigation</i> , 2022, 102, 48-56.	3.7	1
53	A novel sensor for visual and selective detection of Hg <sup>2+</sup> based on functionalized doped quantum dots. <i>Analytical Methods</i> , 2022, 14, 2368-2375.	2.7	1