

# Aiping Fan

## List of Publications by Year in descending order

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49  
papers

1,979  
citations

236925

25  
h-index

243625

44  
g-index

49  
all docs

49  
docs citations

49  
times ranked

2612  
citing authors

#	ARTICLE	IF	CITATIONS
1	Colorimetric assay for tetracyclines based on europium ion-induced aggregation of gold nanoparticles. <i>Analytical Sciences</i> , 2022, 38, 1073-1081.	1.6	2
2	Enhancement effect of 2, 3-dimethyl maleic acid on luminol chemiluminescence reactions and its application in detection of sequence-specific DNA related to hepatitis B virus. <i>Talanta</i> , 2022, 250, 123724.	5.5	0
3	One-step synthesis of cationic gold nanoclusters with high catalytic activity on luminol chemiluminescence reaction. <i>Luminescence</i> , 2021, 36, 85-93.	2.9	9
4	Double-Click Nanomedicines Enable Tumor-Microenvironment-Responsive Selective Antitumor Therapy. <i>Advanced Functional Materials</i> , 2021, 31, 2009157.	14.9	14
5	A Simple Colorimetric Analytical Assay for the Determination of Tetracyclines Based on In-situ Generation of Gold Nanoparticles Coupling with a Gold Staining Technique. <i>Analytical Sciences</i> , 2021, 37, 1583-1587.	1.6	6
6	Upconverting Nanocarriers Enable Triggered Microtubule Inhibition and Concurrent Ferroptosis Induction for Selective Treatment of Triple-Negative Breast Cancer. <i>Nano Letters</i> , 2020, 20, 6235-6245.	9.1	62
7	Nanomaterial-enhanced chemiluminescence reactions and their applications. <i>Analyst, The</i> , 2020, 145, 7488-7510.	3.5	32
8	Electron-Accepting Micelles Deplete Reduced Nicotinamide Adenine Dinucleotide Phosphate and Impair Two Antioxidant Cascades for Ferroptosis-Induced Tumor Eradication. <i>ACS Nano</i> , 2020, 14, 14715-14730.	14.6	118
9	Cationic liposome-triggered luminol chemiluminescence reaction and its applications. <i>Analyst, The</i> , 2020, 145, 4551-4559.	3.5	5
10	Gold Nanocluster-catalyzed Luminol Chemiluminescent Sensing Method for Sensitive and Selective Detection of Alkaline Phosphatase. <i>Analytical Sciences</i> , 2020, 36, 1075-1079.	1.6	7
11	Boosting the Ferroptotic Antitumor Efficacy via Site-Specific Amplification of Tailored Lipid Peroxidation. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 29655-29666.	8.0	68
12	Triggered All-Active Metal Organic Framework: Ferroptosis Machinery Contributes to the Apoptotic Photodynamic Antitumor Therapy. <i>Nano Letters</i> , 2019, 19, 7866-7876.	9.1	228
13	Triggered ferroptotic polymer micelles for reversing multidrug resistance to chemotherapy. <i>Biomaterials</i> , 2019, 223, 119486.	11.4	159
14	In Situ Generation of Prussian Blue with Potassium Ferrocyanide to Improve the Sensitivity of Chemiluminescence Immunoassay Using Magnetic Nanoparticles as Label. <i>Analytical Chemistry</i> , 2019, 91, 4906-4912.	6.5	48
15	A chemiluminescence method for the determination of mercury( <sup>ii</sup> ) ions by tuning the catalytic activity of gold nanoparticles with ethylenediamine. <i>Analytical Methods</i> , 2019, 11, 1317-1323.	2.7	11
16	Sensitive Chemiluminescent Sensing Method for Mercury(II) Ions Based on Monolayer Molybdenum Disulfide. <i>Analytical Sciences</i> , 2019, 35, 551-556.	1.6	8
17	Improvement of mimetic peroxidase activity of gold nanoclusters on the luminol chemiluminescence reaction by surface modification with ethanediamine. <i>Luminescence</i> , 2018, 33, 751-758.	2.9	22
18	Enhancement effect of p-iodophenol on gold nanoparticle-catalyzed chemiluminescence and its applications in detection of thiols and guanidine. <i>Talanta</i> , 2018, 182, 523-528.	5.5	21

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19	Photo-triggered micelles: simultaneous activation and release of microtubule inhibitors for on-demand chemotherapy. <i>Biomaterials Science</i> , 2018, 6, 511-518.	5.4	21
20	In Situ Probing Intracellular Drug Release from Redox-Responsive Micelles by United FRET and AIE. <i>Macromolecular Bioscience</i> , 2018, 18, 1700339.	4.1	27
21	Multifunctional Micelles Dually Responsive to Hypoxia and Singlet Oxygen: Enhanced Photodynamic Therapy via Interactively Triggered Photosensitizer Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 17117-17128.	8.0	73
22	Imidazole-Bearing Polymeric Micelles for Enhanced Cellular Uptake, Rapid Endosomal Escape, and On-demand Cargo Release. <i>AAPS PharmSciTech</i> , 2018, 19, 2610-2619.	3.3	16
23	Self-immolative micellar drug delivery: The linker matters. <i>Nano Research</i> , 2018, 11, 6177-6189.	10.4	24
24	All-active antitumor micelles via triggered lipid peroxidation. <i>Journal of Controlled Release</i> , 2018, 286, 381-393.	9.9	36
25	Alleviating the Liver Toxicity of Chemotherapy via pH-Responsive Hepatoprotective Prodrug Micelles. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 21836-21846.	8.0	39
26	Silver nanoclusters-catalyzed luminol chemiluminescence for hydrogen peroxide and uric acid detection. <i>Talanta</i> , 2017, 166, 268-274.	5.5	85
27	Engineering hot-melt extruded solid dispersion for controlled release of hydrophilic drugs. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 100, 109-115.	4.0	22
28	When self-assembly meets topology: an enhanced micelle stability. <i>Chemical Communications</i> , 2017, 53, 3822-3825.	4.1	45
29	Controlled ROS production by corannulene: the vehicle makes a difference. <i>Biomaterials Science</i> , 2017, 5, 1236-1240.	5.4	12
30	Ratiometric co-delivery of multiple chemodrugs in a single nanocarrier. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 107, 16-23.	4.0	34
31	Acetal-linked polymeric prodrug micelles for enhanced curcumin delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 140, 11-18.	5.0	62
32	Employment of bromophenol red and bovine serum albumin as luminol signal co-enhancer in chemiluminescent detection of sequence-specific DNA. <i>Talanta</i> , 2016, 148, 264-271.	5.5	10
33	Covalent and non-covalent curcumin loading in acid-responsive polymeric micellar nanocarriers. <i>Nanotechnology</i> , 2015, 26, 275101.	2.6	33
34	Nitric oxide-releasing graft polymer micelles with distinct pendant amphiphiles. <i>RSC Advances</i> , 2015, 5, 67041-67048.	3.6	11
35	On-demand combinational delivery of curcumin and doxorubicin via a pH-labile micellar nanocarrier. <i>International Journal of Pharmaceutics</i> , 2015, 495, 572-578.	5.2	46
36	A cascade amplification strategy based on rolling circle amplification and hydroxylamine amplified gold nanoparticles enables chemiluminescence detection of adenosine triphosphate. <i>Analyst</i> , The, 2014, 139, 3796-3803.	3.5	15

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37	Turn-on chemiluminescent sensing platform for label-free protease detection using streptavidin-modified magnetic beads. <i>Biosensors and Bioelectronics</i> , 2014, 61, 45-50.	10.1	25
38	Label-free chemiluminescent ATP aptasensor based on graphene oxide and an instantaneous derivatization of guanine bases. <i>Biosensors and Bioelectronics</i> , 2014, 51, 232-237.	10.1	41
39	Turn-on colorimetric sensor for ultrasensitive detection of thrombin using fibrinogen-gold nanoparticle conjugate. <i>Analyst</i> , The, 2013, 138, 1475.	3.5	17
40	Hydroxylamine amplified gold nanoparticle-based aptameric system for the highly selective and sensitive detection of platelet-derived growth factor. <i>Talanta</i> , 2013, 103, 392-397.	5.5	37
41	Dendrimer-mediated drug delivery to the skin. <i>Soft Matter</i> , 2012, 8, 4301.	2.7	62
42	Conformational Switching Immobilized Hairpin DNA Probes Following Subsequent Expanding of Gold Nanoparticles Enables Visual Detecting Sequence-specific DNA. <i>Analytical Chemistry</i> , 2011, 83, 7500-7506.	6.5	33
43	Direct colorimetric visualization of mercury (Hg <sup>2+</sup> ) based on the formation of gold nanoparticles. <i>Talanta</i> , 2010, 82, 687-692.	5.5	50
44	Hydroxylamine-amplified gold nanoparticles for the homogeneous detection of sequence-specific DNA. <i>Analyst</i> , The, 2010, 135, 1400.	3.5	10
45	Hydroxylamine-amplified gold nanoparticles for the naked eye and chemiluminescent detection of sequence-specific DNA with notable potential for single-nucleotide polymorphism discrimination. <i>Analyst</i> , The, 2009, 134, 497-503.	3.5	11
46	Chemiluminescence Platforms in Immunoassay and DNA Analyses. <i>Analytical Sciences</i> , 2009, 25, 587-597.	1.6	61
47	Colloidal gold-polystyrene bead hybrid for chemiluminescent detection of sequence-specific DNA. <i>Analyst</i> , The, 2008, 133, 219-225.	3.5	23
48	Magnetic Bead-Based Chemiluminescent Metal Immunoassay with a Colloidal Gold Label. <i>Analytical Chemistry</i> , 2005, 77, 3238-3242.	6.5	178
49	One-Step Chemiluminescent Determination of Glucose by a Functionalized Graphene Nanocomposite. <i>Analytical Letters</i> , 0, , 1-14.	1.8	0