

# Yan Feng

## List of Publications by Year in descending order

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70  
papers

2,478  
citations

126907

33  
h-index

206112

48  
g-index

70  
all docs

70  
docs citations

70  
times ranked

3193  
citing authors

#	ARTICLE	IF	CITATIONS
1	An in situ gelatin-assisted hydrothermal synthesis of ZnO-reduced graphene oxide composites with enhanced photocatalytic performance under ultraviolet and visible light. <i>RSC Advances</i> , 2014, 4, 7933.	3.6	133
2	Two-Photon Fluorescent Probe for Monitoring Autophagy via Fluorescence Lifetime Imaging. <i>Analytical Chemistry</i> , 2018, 90, 7122-7126.	6.5	117
3	Electrochemical performance of graphene nanosheets and ceramic composites as anodes for lithium batteries. <i>Journal of Materials Chemistry</i> , 2009, 19, 9063.	6.7	109
4	A mitochondria-targeted two-photon fluorescent probe for highly selective and rapid detection of hypochlorite and its bio-imaging in living cells. <i>Sensors and Actuators B: Chemical</i> , 2016, 222, 483-491.	7.8	90
5	A two-photon fluorescent probe for real-time monitoring of autophagy by ultrasensitive detection of the change in lysosomal polarity. <i>Chemical Communications</i> , 2017, 53, 3645-3648.	4.1	85
6	Recent advances in mitochondria- and lysosomes-targeted small-molecule two-photon fluorescent probes. <i>Chinese Chemical Letters</i> , 2017, 28, 1943-1951.	9.0	79
7	One-pot hydrothermal synthesis of Zn-reduced graphene oxide composites with enhanced photocatalytic properties. <i>CrystEngComm</i> , 2014, 16, 214-222.	2.6	71
8	Real-time visualization of autophagy by monitoring the fluctuation of lysosomal pH with a ratiometric two-photon fluorescent probe. <i>Chemical Communications</i> , 2019, 55, 1782-1785.	4.1	68
9	A two-photon fluorescent probe for biological Cu (â€¦) and PPI detection in aqueous solution and in vivo. <i>Biosensors and Bioelectronics</i> , 2017, 90, 276-282.	10.1	64
10	A ratiometric two-photon fluorescent probe for hydrazine and its applications. <i>Sensors and Actuators B: Chemical</i> , 2015, 220, 1338-1345.	7.8	63
11	A green reduction of graphene oxide via starch-based materials. <i>RSC Advances</i> , 2013, 3, 21466.	3.6	62
12	A carbazole-based turn-on two-photon fluorescent probe for biological Cu <sup>2+</sup> detection via Cu <sup>2+</sup> -promoted hydrolysis. <i>Dyes and Pigments</i> , 2016, 125, 185-191.	3.7	60
13	Two-Photon Fluorescent Probes for Biological Mg <sup>2+</sup> Detection Based on 7-Substituted Coumarin. <i>Journal of Organic Chemistry</i> , 2015, 80, 4306-4312.	3.2	59
14	Preparation of reduced graphene oxide nanosheet/FexOy/nitrogen-doped carbon layer aerogel as photo-Fenton catalyst with enhanced degradation activity and reusability. <i>Journal of Hazardous Materials</i> , 2019, 362, 62-71.	12.4	57
15	Selective dual detection of H <sub>2</sub> S and Cu <sup>2+</sup> by a post-modified MOF sensor following a tandem process. <i>Journal of Hazardous Materials</i> , 2021, 403, 123698.	12.4	55
16	A ZnS nanocrystal/reduced graphene oxide composite anode with enhanced electrochemical performances for lithium-ion batteries. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 30630-30642.	2.8	54
17	Electrochemical Properties of Polymer-Derived SiCN Materials as the Anode in Lithium Ion Batteries. <i>Journal of the American Ceramic Society</i> , 2009, 92, 2962-2968.	3.8	53
18	Rational design of a diaminomaleonitrile-based mitochondria-targeted two-photon fluorescent probe for hypochlorite in vivo: Solvent-independent and high selectivity over Cu <sup>2+</sup> . <i>Sensors and Actuators B: Chemical</i> , 2018, 254, 282-290.	7.8	53

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19	Design of a ratiometric two-photon fluorescent probe for dual-response of mitochondrial SO <sub>2</sub> derivatives and viscosity in cells and in vivo. <i>Dyes and Pigments</i> , 2019, 171, 107709.	3.7	53
20	A rhodamine-based fluorescent probe for detecting Hg <sup>2+</sup> in a fully aqueous environment. <i>Dalton Transactions</i> , 2013, 42, 14819.	3.3	48
21	Evaluation of heavy metal pollution in the sediment of Poyang Lake based on stochastic geo-accumulation model (SGM). <i>Science of the Total Environment</i> , 2019, 659, 1-6.	8.0	48
22	Dual-detection of mitochondrial viscosity and SO <sub>2</sub> derivatives with two cross-talk-free emissions employing a single two-photon fluorescent probe. <i>Sensors and Actuators B: Chemical</i> , 2019, 297, 126777.	7.8	45
23	Preparation and improved electrochemical performance of SiCN/graphene composite derived from poly(silylcarbodiimide) as Li-ion battery anode. <i>Journal of Materials Chemistry A</i> , 2014, 2, 4168.	10.3	43
24	A mitochondria-targeted ratiometric two-photon fluorescent probe for biological zinc ions detection. <i>Biosensors and Bioelectronics</i> , 2016, 77, 921-927.	10.1	42
25	Preparation and thermal properties of hybrid nanocomposites of poly(methyl methacrylate)/octavinyl polyhedral oligomeric silsesquioxane blends. <i>Journal of Applied Polymer Science</i> , 2009, 111, 2684-2690.	2.6	40
26	Study on thermal enhancement mechanism of POSS-containing hybrid nanocomposites and relationship between thermal properties and their molecular structure. <i>Journal of Applied Polymer Science</i> , 2010, 115, 2212-2220.	2.6	40
27	A two-photon fluorescent probe for detecting endogenous hypochlorite in living cells. <i>Dalton Transactions</i> , 2015, 44, 6613-6619.	3.3	40
28	A carbazole-based mitochondria-targeted two-photon fluorescent probe for gold ions and its application in living cell imaging. <i>Sensors and Actuators B: Chemical</i> , 2016, 225, 572-578.	7.8	37
29	A mitochondria-targeted ratiometric two-photon fluorescent probe for detecting intracellular cysteine and homocysteine. <i>Talanta</i> , 2018, 178, 24-30.	5.5	37
30	One-step preparation of nanobeads-based polypyrrole hydrogel by a reactive-template method and their applications in adsorption and catalysis. <i>Journal of Colloid and Interface Science</i> , 2018, 527, 214-221.	9.4	36
31	Rational design of a ratiometric two-photon fluorescent probe for real-time visualization of apoptosis. <i>Chemical Communications</i> , 2018, 54, 10495-10498.	4.1	36
32	A mitochondria-targeted colorimetric and two-photon fluorescent probe for biological SO <sub>2</sub> derivatives in living cells. <i>Dyes and Pigments</i> , 2016, 134, 297-305.	3.7	35
33	A dual-emission two-photon fluorescent probe for specific-cysteine imaging in lysosomes and in vivo. <i>Sensors and Actuators B: Chemical</i> , 2019, 293, 247-255.	7.8	34
34	A mitochondrial-targeted red fluorescent probe for detecting endogenous H <sub>2</sub> S in cells with high selectivity and development of a visual paper-based sensing platform. <i>Sensors and Actuators B: Chemical</i> , 2020, 312, 127982.	7.8	34
35	Copper ion-mediated glyphosate detection with N-heterocycle based polyacetylene as a sensing platform. <i>Sensors and Actuators B: Chemical</i> , 2017, 243, 696-703.	7.8	33
36	An Efficient Heterobimetallic Lanthanide Alkoxide Catalyst for Transamidation of Amides under Solvent-Free Conditions. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 302-313.	4.3	30

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37	Facile hydrothermal fabrication of ZnO@graphene hybrid anode materials with excellent lithium storage properties. <i>Sustainable Energy and Fuels</i> , 2017, 1, 767-779.	4.9	29
38	Two-dimensional carbazole-based derivatives as versatile chemosensors for colorimetric detection of cyanide and two-photon fluorescence imaging of viscosity in vitro. <i>Dyes and Pigments</i> , 2017, 137, 560-568.	3.7	24
39	Construction of bienzyme biosensors based on combination of the one-step electrodeposition and covalent-coupled sol-gel process. <i>Science in China Series B: Chemistry</i> , 2009, 52, 2269-2274.	0.8	22
40	A coumarin-based colorimetric and fluorescent probe for the highly selective detection of Au <sup>3+</sup> ions. <i>Chinese Chemical Letters</i> , 2016, 27, 1563-1566.	9.0	22
41	Postmodified Dual Functional UiO Sensor for Selective Detection of Ozone and Tandemly Derived Sensing of Al <sup>3+</sup> . <i>Analytical Chemistry</i> , 2020, 92, 11600-11606.	6.5	22
42	Accurate Monitoring and Multiple Evaluations of Mitophagy by a Versatile Two-Photon Fluorescent Probe. <i>Analytical Chemistry</i> , 2021, 93, 9200-9208.	6.5	22
43	Preparation and electrochemical performance of a porous polymer-derived silicon carbonitride anode by hydrofluoric acid etching for lithium ion batteries. <i>RSC Advances</i> , 2014, 4, 23694.	3.6	20
44	Fluorophore-Promoted Facile Deprotonation and Exocyclic Five-Membered Ring Cyclization for Selective and Dynamic Tracking of Labile Glyoxals. <i>Analytical Chemistry</i> , 2020, 92, 13829-13838.	6.5	18
45	pH-Independent two-photon fluorescent lysotracker for real-time monitoring autophagy. <i>Journal of Materials Chemistry B</i> , 2018, 6, 1764-1770.	5.8	17
46	Strategically modified highly selective mitochondria-targeted two-photon fluorescent probe for Au <sup>3+</sup> employing Schiff-base: Inhibited C=N isomerization vs. hydrolysis mechanism. <i>Dyes and Pigments</i> , 2018, 150, 241-251.	3.7	16
47	Light-driven visualization of endogenous cysteine, homocysteine, and glutathione using a near-infrared fluorescent probe. <i>Journal of Materials Chemistry B</i> , 2019, 7, 7723-7728.	5.8	16
48	Pendant structure governed the selectivity of Pd <sup>2+</sup> using disubstituted polyacetylenes with sulfur functions and the application of thiophanate-methyl detection. <i>Sensors and Actuators B: Chemical</i> , 2017, 247, 36-45.	7.8	15
49	Design of a two-photon fluorescent probe for selective recognition of Au(III) over Au(I) and its application of imaging in vitro and in vivo. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 187, 110-118.	3.9	14
50	Li <sub>2</sub> S-Embedded copper metal-organic framework cathode with superior electrochemical performance for Li-S batteries. <i>New Journal of Chemistry</i> , 2018, 42, 13775-13783.	2.8	14
51	Magnetically recyclable reduced graphene oxide nanosheets/magnetite-palladium aerogel with superior catalytic activity and reusability. <i>Journal of Colloid and Interface Science</i> , 2017, 506, 154-161.	9.4	13
52	Design of a two-photon fluorescent probe for ratiometric imaging of endogenous hypochlorite in mitochondria. <i>Dyes and Pigments</i> , 2020, 181, 108548.	3.7	13
53	One-step preparation of Fe <sub>2</sub> O <sub>3</sub> /reduced graphene oxide aerogel as heterogeneous Fenton-like catalyst for enhanced photo-degradation of organic dyes. <i>ChemistrySelect</i> , 2018, 3, 9062-9070.	1.5	12
54	Evaluating visually a new apoptosis-induced reagent by a ratiometric two-photon fluorescent pH probe. <i>Sensors and Actuators B: Chemical</i> , 2021, 329, 129104.	7.8	12

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55	The interconversion mechanism between TcO <sub>3</sub> <sup>+</sup> and TcO <sub>2</sub> + core of <sup>99m</sup> Tc labeled amine-oxime (AO) complexes. <i>Theoretical Chemistry Accounts</i> , 2008, 121, 271-278.	1.4	11
56	A novel strategy for immobilization of thionine based on calcium carbonate-gold nanoparticles inorganic hybrid composite and its application in hydrogen peroxide sensor. <i>Science China Chemistry</i> , 2011, 54, 545-551.	8.2	11
57	Heterobimetallic dinuclear lanthanide alkoxide complexes as acid-base bifunctional catalysts for synthesis of carbamates under solvent-free conditions. <i>RSC Advances</i> , 2016, 6, 78576-78584.	3.6	11
58	A lysosomal polarity-specific two-photon fluorescent probe for visualization of autophagy. <i>Chinese Chemical Letters</i> , 2021, 32, 1803-1808.	9.0	11
59	Real-time and accurate monitoring of mitochondria-related apoptosis by a multifunctional two-photon fluorescent probe. <i>Sensors and Actuators B: Chemical</i> , 2022, 351, 130953.	7.8	11
60	A simple strategy for preparation of spherical silica-supported porous chitosan matrix based on sol-gel reaction and simple treatment with ammonia solution. <i>Analytical Methods</i> , 2010, 2, 546.	2.7	10
61	Development of Hot-Extruded Mg-RE-Zn Alloy Bar with High Mechanical Properties. <i>Materials</i> , 2019, 12, 1722.	2.9	10
62	Direct activation of tachykinin receptors within baroreflex afferent pathway and neurocontrol of blood pressure regulation. <i>CNS Neuroscience and Therapeutics</i> , 2019, 25, 123-135.	3.9	9
63	Contribution of Baroreflex Afferent Pathway to NPY-Mediated Regulation of Blood Pressure in Rats. <i>Neuroscience Bulletin</i> , 2020, 36, 396-406.	2.9	7
64	Synthesis and Crystal Structure of Novel Biheterometal and Triheterometal Alkoxide Clusters as Highly Active Catalysts for the Polymerization of $\epsilon$ -Caprolactone. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 5579-5586.	2.0	6
65	An Explosive Bomb-Inspired Method to Prepare Collapsed and Ruptured Fe <sub>2</sub> O <sub>3</sub> /Nitrogen-Doped Carbon Capsules as Catalyst Support. <i>Chemistry - A European Journal</i> , 2017, 23, 17095-17102.	3.3	6
66	An efficient and green approach to synthesizing enamines by intermolecular hydroamination of activated alkynes. <i>Chemical Research in Chinese Universities</i> , 2015, 31, 212-217.	2.6	4
67	Imaging of lysosomal oxidative stress during autophagy with a ratiometric probe featuring a large probe-product spectral separation. <i>Sensors and Actuators B: Chemical</i> , 2021, 335, 129713.	7.8	4
68	Microstructural stability of heat-resistant high-pressure die-cast Mg-4Al-4Ce alloy. <i>International Journal of Materials Research</i> , 2017, 108, 427-430.	0.3	2
69	Polyfluorenylacetylene for near-infrared laser protection: polymer synthesis, optical limiting mechanism and relationship between molecular structure and properties. <i>RSC Advances</i> , 2017, 7, 53785-53796.	3.6	1
70	Synthesis and optical properties of POSS-based oxadiazole nanohybrids with three-dimensional molecular conjugated structure. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	0