

Feiyi Wang

List of Publications by Year in descending order

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42
papers

1,967
citations

279798

23
h-index

243625

44
g-index

44
all docs

44
docs citations

44
times ranked

2147
citing authors

#	ARTICLE	IF	CITATIONS
1	Borane-catalyzed cascade Friedel-Crafts alkylation/[1,5]-hydride transfer/Mannich cyclization to afford tetrahydroquinolines. <i>Chemical Science</i> , 2022, 13, 775-780.	7.4	14
2	Click-based conjugated microporous polymers as efficient heterogeneous photocatalysts for organic transformations. <i>Catalysis Science and Technology</i> , 2022, 12, 1202-1210.	4.1	11
3	Chloro-hydroxyl-merocyanine based turn-on fluorescent probes for the detection of hydrazine in water and living cells. <i>Dyes and Pigments</i> , 2022, 200, 110109.	3.7	3
4	Borane-catalyzed arylation of aryldiazoacetates with <i>N,N</i> -dialkylanilines. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 4101-4104.	2.8	5
5	Copper-incorporated porous organic polymer as efficient and recyclable catalyst for azide-alkyne cycloaddition. <i>Microporous and Mesoporous Materials</i> , 2021, 310, 110671.	4.4	13
6	POSS hybrid hydrogels: A brief review of synthesis, properties and applications. <i>European Polymer Journal</i> , 2021, 143, 110180.	5.4	47
7	Anticalcification Potential of POSS-PEG Hybrid Hydrogel as a Scaffold Material for the Development of Synthetic Heart Valve Leaflets. <i>ACS Applied Bio Materials</i> , 2021, 4, 2534-2543.	4.6	12
8	Injectable and Degradable PEG Hydrogel with Antibacterial Performance for Promoting Wound Healing. <i>ACS Applied Bio Materials</i> , 2021, 4, 2769-2780.	4.6	42
9	Multi-dimensional imaging of endogenous leucine aminopeptidase via fast response fluorescent read-out probe. <i>Dyes and Pigments</i> , 2021, 187, 109145.	3.7	10
10	Fast-response fluorescent probe with favorable water solubility for highly sensitive imaging of endogenous tyrosinase in living cells and zebrafish model. <i>Chinese Chemical Letters</i> , 2021, 32, 1785-1789.	9.0	19
11	The Use of Potassium/Sodium Nitrite as a Nitrosating Agent in the Electrooxidative Nitrosation of Secondary Amines. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 3289-3293.	2.4	9
12	1,2,3-Triazole-based conjugated porous polymers for visible light induced oxidative organic transformations. <i>Applied Catalysis B: Environmental</i> , 2021, 287, 119984.	20.2	24
13	Near-infrared fluorescent read-out probe for ultra-sensitive imaging of leucine aminopeptidase in vitro and in vivo. <i>Tetrahedron</i> , 2021, 99, 132449.	1.9	5
14	Effects of the proportion of two different cross-linkers on the material and biological properties of enzymatically degradable PEG hydrogels. <i>Polymer Degradation and Stability</i> , 2020, 172, 109067.	5.8	20
15	B(C ₆ F ₅) ₃ -Catalyzed β^2 -Functionalization of Pyrrolidines Using Isatins via Borrowing Hydrogen: Divergent Access to Substituted Pyrrolidines and Pyrroles. <i>Organic Letters</i> , 2020, 22, 7797-7803.	4.6	35
16	Rational design of fluorescent probes: Improving hydrophilicity, ratiometric and NIR trapping of endogenous leucine aminopeptidase. <i>Sensors and Actuators B: Chemical</i> , 2020, 321, 128631.	7.8	17
17	Photocatalytically Active Conjugated Porous Polymers via Click Chemistry for Heterogeneous Dehydrogenation of Hydrazo Aromatics. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 14377-14385.	6.7	16
18	A Leucine Aminopeptidase-Activated Theranostic Prodrug for Cancer Diagnosis and Chemotherapy. <i>ACS Applied Bio Materials</i> , 2019, 2, 4904-4910.	4.6	15

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19	B(C ₆ F ₅) ₃ -Catalyzed redox-neutral β^2 -alkylation of tertiary amines using <i>p</i> -quinone methides <i>via</i> borrowing hydrogen. Chemical Communications, 2019, 55, 1217-1220.	4.1	55
20	A near-infrared fluorescent probe for monitoring leucine aminopeptidase in living cells. Analyst, The, 2019, 144, 463-467.	3.5	24
21	Bioengineered three-dimensional scaffolds to elucidate the effects of material biodegradability on cell behavior using POSS-PEG hybrid hydrogels. Polymer Degradation and Stability, 2019, 164, 118-126.	5.8	14
22	Near-infrared fluorescent probe for imaging nitroxyl in living cells and zebrafish model. Dyes and Pigments, 2019, 166, 260-265.	3.7	33
23	Synthesis of thiol-terminated PEG-functionalized POSS cross-linkers and fabrication of high-strength and hydrolytic degradable hybrid hydrogels in aqueous phase. European Polymer Journal, 2019, 116, 74-83.	5.4	23
24	Highly chemoselective fluorescent probe for the detection of tyrosinase in living cells and zebrafish model. Sensors and Actuators B: Chemical, 2019, 283, 873-880.	7.8	40
25	Hydrolytically degradable POSS-PEG hybrid hydrogels prepared in aqueous phase with tunable mechanical properties, swelling ratio and degradation rate. Reactive and Functional Polymers, 2018, 123, 91-96.	4.1	23
26	Highly Sensitive Ratiometric Self-Assembled Micellar Nanoprobe for Nitroxyl and Its Application In Vivo. Analytical Chemistry, 2018, 90, 3914-3919.	6.5	40
27	Realizing highly chemoselective detection of H ₂ S in vitro and in vivo with fluorescent probes inside core-shell silica nanoparticles. Biomaterials, 2018, 159, 82-90.	11.4	74
28	A novel functionalized porous polythiophene polymer network for Au catalyst deposition. Materials Letters, 2018, 212, 251-255.	2.6	18
29	A self-assembled micellar nanoprobe for specific recognition of hydrazine in vitro and in vivo. Sensors and Actuators B: Chemical, 2018, 272, 479-484.	7.8	17
30	A 1,2,3-triazolyl based conjugated microporous polymer for sensitive detection of <i>p</i> -nitroaniline and Au nanoparticle immobilization. Polymer Chemistry, 2018, 9, 3832-3839.	3.9	52
31	A Ratiometric Fluorescent Probe for Monitoring Leucine Aminopeptidase in Living Cells and Zebrafish Model. Analytical Chemistry, 2017, 89, 11576-11582.	6.5	86
32	Rational construction of probes rendering ratiometric response to the cancer-specific enzyme NQO1. Dyes and Pigments, 2017, 136, 846-851.	3.7	36
33	Main-chain diphosphine-Pd polymers: Efficient self-supported heterogeneous catalysts for Suzuki-Miyaura reaction. Molecular Catalysis, 2017, 437, 89-94.	2.0	5
34	A fluorescent turn-on probe for visualizing lysosomes in hypoxic tumor cells. Analyst, The, 2016, 141, 2879-2882.	3.5	31
35	Development of a BODIPY-based ratiometric fluorescent probe for hypochlorous acid and its application in living cells. Analytica Chimica Acta, 2016, 911, 114-120.	5.4	49
36	Transforming the recognition site of 4-hydroxyaniline into 4-methoxyaniline grafted onto a BODIPY core switches the selective detection of peroxynitrite to hypochlorous acid. Chemical Communications, 2016, 52, 2075-2078.	4.1	66

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37	Fluorescent In Situ Targeting Probes for Rapid Imaging of Ovarian Cancer-Specific β -Glutamyltranspeptidase. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7349-7353.	13.8	187
38	A dual-response BODIPY-based fluorescent probe for the discrimination of glutathione from cysteine and homocysteine. <i>Chemical Science</i> , 2015, 6, 2584-2589.	7.4	263
39	Förster Resonance Energy Transfer Switchable Self-Assembled Micellar Nanoprobe: Ratiometric Fluorescent Trapping of Endogenous H_2S Generation via Fluvastatin-Stimulated Upregulation. <i>Journal of the American Chemical Society</i> , 2015, 137, 8490-8498.	13.7	268
40	Construction of a fluorescence turn-on probe for highly discriminating detection of cysteine. <i>RSC Advances</i> , 2014, 4, 53437-53441.	3.6	29
41	Development of a Small Molecule Probe Capable of Discriminating Cysteine, Homocysteine, and Glutathione with Three Distinct Turn-On Fluorescent Outputs. <i>Chemistry - A European Journal</i> , 2014, 20, 11471-11478.	3.3	131
42	Target-Triggered NIR Emission with a Large Stokes Shift for the Detection and Imaging of Cysteine in Living Cells. <i>Chemistry - an Asian Journal</i> , 2014, 9, 1777-1781.	3.3	56