

# Yongquan Wu

## List of Publications by Year in descending order

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70  
papers

2,793  
citations

159585

30  
h-index

175258

52  
g-index

70  
all docs

70  
docs citations

70  
times ranked

3843  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Nonemissive Iridium(III) Complex That Specifically Lights-Up the Nuclei of Living Cells. <i>Journal of the American Chemical Society</i> , 2011, 133, 11231-11239.	13.7	346
2	Hydrothermal synthesis of NaLuF <sub>4</sub> :153Sm,Yb,Tm nanoparticles and their application in dual-modality upconversion luminescence and SPECT bioimaging. <i>Biomaterials</i> , 2013, 34, 774-783.	11.4	159
3	A bioprobe based on aggregation induced emission (AIE) for cell membrane tracking. <i>Chemical Communications</i> , 2013, 49, 11335.	4.1	122
4	Ratiometric Phosphorescence Imaging of Hg(II) in Living Cells Based on a Neutral Iridium(III) Complex. <i>Inorganic Chemistry</i> , 2011, 50, 7412-7420.	4.0	117
5	A selective and light-up fluorescent probe for $\beta$ -galactosidase activity detection and imaging in living cells based on an AIE tetraphenylethylene derivative. <i>Chemical Communications</i> , 2017, 53, 4505-4508.	4.1	114
6	Water-soluble phosphorescent iridium(III) complexes as multicolor probes for imaging of homocysteine and cysteine in living cells. <i>Journal of Materials Chemistry</i> , 2011, 21, 18974.	6.7	107
7	Polyphosphoric acid capping radioactive/upconverting NaLuF <sub>4</sub> :Yb,Tm,153Sm nanoparticles for blood pool imaging in vivo. <i>Biomaterials</i> , 2013, 34, 9535-9544.	11.4	99
8	Biodistribution of sub-10 nm PEG-modified radioactive/upconversion nanoparticles. <i>Biomaterials</i> , 2013, 34, 7127-7134.	11.4	95
9	The cellular uptake and localization of non-emissive iridium(III) complexes as cellular reaction-based luminescence probes. <i>Biomaterials</i> , 2013, 34, 1223-1234.	11.4	71
10	Iridium complex triggered white-light-emitting gel and its response to cysteine. <i>Journal of Materials Chemistry</i> , 2012, 22, 2650-2657.	6.7	69
11	A water-soluble phosphorescent polymer for time-resolved assay and bioimaging of cysteine/homocysteine. <i>Journal of Materials Chemistry B</i> , 2013, 1, 319-329.	5.8	64
12	Long-term in vivo biodistribution and toxicity of Gd(OH) <sub>3</sub> nanorods. <i>Biomaterials</i> , 2013, 34, 508-515.	11.4	62
13	Cyclometallated ruthenium complex-modified upconversion nanophosphors for selective detection of Hg <sup>2+</sup> ions in water. <i>Nanoscale</i> , 2014, 6, 1020-1028.	5.6	62
14	Photocatalytic direct C-S bond formation: facile access to 3-sulfenylindoles via metal-free C-3 sulfenylation of indoles with thiophenols. <i>RSC Advances</i> , 2017, 7, 37739-37742.	3.6	62
15	Phosphorescent platinum(II) complexes containing different $\beta$ -diketonate ligands: synthesis, tunable excited-state properties, and their application in bioimaging. <i>Journal of Materials Chemistry</i> , 2011, 21, 13951.	6.7	61
16	A ratiometric fluorescent probe for the detection of hydroxyl radicals in living cells. <i>Chemical Communications</i> , 2014, 50, 4843-4845.	4.1	61
17	A Benzothiadiazole-Based Eu <sup>3+</sup> Metal-Organic Framework as the Turn-On Luminescent Sensor toward Al <sup>3+</sup> and Ga <sup>3+</sup> with Potential Bioimaging Application. <i>Inorganic Chemistry</i> , 2022, 61, 3607-3615.	4.0	61
18	Long-term biodistribution in vivo and toxicity of radioactive/magnetic hydroxyapatite nanorods. <i>Biomaterials</i> , 2014, 35, 3348-3355.	11.4	60

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19	A new tetraphenylethylene based AIE probe for light-up and discriminatory detection of Cys over Hcy and GSH. <i>Sensors and Actuators B: Chemical</i> , 2017, 252, 712-716.	7.8	57
20	Visible-light-excited and europium-emissive nanoparticles for highly-luminescent bioimaging in vivo. <i>Biomaterials</i> , 2014, 35, 5830-5839.	11.4	53
21	A new triphenylamine fluorescent dye for sensing of cyanide anion in living cell. <i>Tetrahedron Letters</i> , 2013, 54, 4942-4944.	1.4	52
22	Lanthanide-based nanocrystals as dual-modal probes for SPECT and X-ray CT imaging. <i>Biomaterials</i> , 2014, 35, 4699-4705.	11.4	45
23	Fluorescent conjugated polymers based on thiocarbonyl quinacridone for sensing mercury ion and bioimaging. <i>Polymer Chemistry</i> , 2014, 5, 3396-3403.	3.9	42
24	pH luminescence switching, dihydrogen phosphate sensing, and cellular uptake of a heterobimetallic ruthenium(II)-ruthenium(III) complex. <i>Dalton Transactions</i> , 2014, 43, 3273-3284.	3.3	39
25	Diketopyrrolopyrrole-based fluorescent conjugated polymer for application of sensing fluoride ion and bioimaging. <i>Sensors and Actuators B: Chemical</i> , 2014, 197, 13-19.	7.8	37
26	Instant hydrogel formation of terpyridine-based complexes triggered by DNA via non-covalent interaction. <i>Nanoscale</i> , 2019, 11, 4044-4052.	5.6	36
27	BODIPY-Based Oligo(ethylene glycol) Dendrons as Fluorescence Thermometers: When Thermoresponsiveness Meets Intramolecular Electron/Charge Transfer. <i>Chemistry - A European Journal</i> , 2014, 20, 16634-16643.	3.3	33
28	BODIPY-Based Fluorescent Thermometer as a Lysosome-Targetable Probe: How the Oligo(ethylene) Tj ETQq 0.0 r gBT / Overlock 10	3.3	33
29	A phosphorescent iridium(III) solvent complex for multiplex assays of cell death. <i>Biomaterials</i> , 2014, 35, 8748-8755.	11.4	32
30	A near-infrared xanthene fluorescence probe for monitoring peroxynitrite in living cells and mouse inflammation model. <i>Analyst</i> , The, 2018, 143, 5512-5519.	3.5	32
31	A new near-infrared phosphorescent iridium(III) complex conjugated to a xanthene dye for mitochondria-targeted photodynamic therapy. <i>Biomaterials Science</i> , 2021, 9, 4843-4853.	5.4	31
32	A time-resolved near-infrared phosphorescent iridium(III) complex for fast and highly specific peroxynitrite detection and bioimaging applications. <i>Journal of Materials Chemistry B</i> , 2019, 7, 7612-7618.	5.8	28
33	A dual response organogel system based on an iridium complex and a Eu(III) hybrid for volatile acid and organic amine vapors. <i>Soft Matter</i> , 2017, 13, 3802-3811.	2.7	27
34	Detection of hydrazine via a highly selective fluorescent probe: A case study on the reactivity of cyano-substituted C C bond. <i>Dyes and Pigments</i> , 2020, 178, 108366.	3.7	26
35	4-Nitrobenzene thiourea self-assembly system and its transformation upon addition of Hg <sup>2+</sup> ion: Applications as sensor to fluoride ion. <i>Sensors and Actuators B: Chemical</i> , 2018, 266, 637-644.	7.8	25
36	Two benzothiadiazole-based fluorescent sensors for selective detection of Cu <sup>2+</sup> and OH <sup>-</sup> ions. <i>Polyhedron</i> , 2019, 171, 523-529.	2.2	25

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37	White light emission from a two-component hybrid gel via an energy transfer process. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 32297-32303.	2.8	24
38	An AIE based tetraphenylethylene derivative for highly selective and light-up sensing of fluoride ions in aqueous solution and in living cells. <i>RSC Advances</i> , 2016, 6, 59400-59404.	3.6	22
39	A new tetraphenylethylene based AIE sensor with light-up and tunable measuring range for adenosine triphosphate in aqueous solution and in living cells. <i>Analyst, The</i> , 2017, 142, 4388-4392.	3.5	21
40	High Performance NIR OLEDs with Emission Peak Beyond 760 nm and Maximum EQE of 6.39%. <i>Advanced Optical Materials</i> , 2022, 10, .	7.3	19
41	Bis-naphthalimides self-assembly organogel formation and application in detection of p-phenylenediamine. <i>Materials Science and Engineering C</i> , 2017, 70, 216-222.	7.3	18
42	Molecular rotor based on dipyriddyphenylamine: Near-infrared enhancement emission from restriction of molecular rotation and applications in viscometer and bioprobe. <i>Dyes and Pigments</i> , 2020, 172, 107795.	3.7	17
43	Amphiphilic BODIPY derivatives: the solvophobic effect on their photophysical properties and bioimaging in living cells. <i>Soft Matter</i> , 2016, 12, 8581-8587.	2.7	16
44	Naphthalimide end-capping molecular rotors with different donor cores: Tuning emission in wide gamut and cell imaging. <i>Dyes and Pigments</i> , 2020, 179, 108431.	3.7	16
45	Photoresponsive, Water-soluble Supramolecular Dendronized Polymer with Specific Lysosome-targetable Bioimaging Application in Living Cells. <i>Macromolecular Rapid Communications</i> , 2019, 40, 1800714.	3.9	15
46	Novel derivatives of niclosamide synthesis: Its bioactivity and interaction with <i>Schistosoma japonicum</i> cercariae. <i>Dyes and Pigments</i> , 2011, 88, 326-332.	3.7	14
47	A near-infrared phosphorescent iridium(III) complex for imaging of cysteine and homocysteine in living cells and <i>in vivo</i> . <i>RSC Advances</i> , 2017, 7, 52621-52625.	3.6	13
48	Dimeric BODIPYs with different linkages: A systematic investigation on structure-properties relationship. <i>Tetrahedron</i> , 2017, 73, 6894-6900.	1.9	12
49	The flexibility of side chains for adjusting the emission of 4-aryl-1,8-naphthalimides in aggregation: Spectral study and cell imaging. <i>Chemical Engineering Journal</i> , 2021, 415, 129095.	12.7	12
50	Borondifluoride $\beta$ -diketonate complex as fluorescent organic nanoparticles: aggregation-induced emission for cellular imaging. <i>RSC Advances</i> , 2016, 6, 101937-101940.	3.6	11
51	Development of near-infrared xanthene fluorescence probe for the highly selective and sensitive detection of cysteine. <i>Dyes and Pigments</i> , 2019, 170, 107563.	3.7	11
52	A near-infrared phosphorescent iridium(III) complex for fast and time-resolved detection of cysteine and homocysteine. <i>Analyst, The</i> , 2020, 145, 2238-2244.	3.5	10
53	Folic acid-modified iridium(III) coordination polymeric nanoparticles facilitating intracellular release of a phosphorescent residue capable of nuclear entry. <i>Inorganic Chemistry Communication</i> , 2014, 40, 143-147.	3.9	9
54	Self-Assembly of amphiphilic BODIPY derivative and its nanoparticles as a photosensitizer for photodynamic therapy in corneal neovascularization. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 579, 123706.	4.7	9

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55	A novel near-infrared xanthene-based fluorescent probe for detection of thiophenol <i>in vitro</i> and <i>in vivo</i> . <i>New Journal of Chemistry</i> , 2020, 44, 17360-17367.	2.8	9
56	Ratiometric fluorescence probe for two-photon bioimaging of Cr <sup>3+</sup> in living cells. <i>Tetrahedron Letters</i> , 2014, 55, 4075-4077.	1.4	8
57	Supramolecular three-component amino acid-based hydrogels with superior mechanical strength for controllably promoting nonpathogenic <i>E. coli</i> growth. <i>RSC Advances</i> , 2015, 5, 97629-97634.	3.6	8
58	A Smart pH-Responsive Three Components Luminescent Hydrogel. <i>Journal of Functional Biomaterials</i> , 2016, 7, 25.	4.4	8
59	Photocatalytic Three-Component Tandem Annulation Access to Multiply Substituted 1,2,4-Triazole-3,5-diamines. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 3034-3038.	2.7	8
60	Triethylene glycol-modified iridium(III) complexes for fluorescence imaging of <i>Schistosoma japonicum</i> . <i>Journal of Materials Chemistry B</i> , 2017, 5, 4973-4980.	5.8	7
61	Synthesis of fluorescent derivatives of praziquantel: cell-imaging and interaction with <i>Schistosoma japonicum</i> cercariae. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 5989.	2.8	6
62	A supramolecular self-assembly material based on a quinoline derivative and its sensitive response toward volatile acid and organic amine vapors. <i>New Journal of Chemistry</i> , 2018, 42, 6305-6314.	2.8	5
63	Pillar[5]arene-BODIPY host-guest interaction induced fluorescence enhancement and lysosomes targetable bioimaging in dilute solution. <i>Tetrahedron</i> , 2020, 76, 131698.	1.9	5
64	Synthesis and cercaricidal activities of a serial of novel self-diffused cercaricides derived from niphensamide. <i>Chinese Chemical Letters</i> , 2008, 19, 406-408.	9.0	3
65	Spectroscopic studies on the interaction of chromium (VI) and chromium (III) with keyhole limpet hemocyanin. <i>Luminescence</i> , 2017, 32, 190-194.	2.9	3
66	A highly selective and light-up red emissive fluorescent probe for imaging of penicillin G amidase in <i>Bacillus cereus</i> . <i>New Journal of Chemistry</i> , 2019, 43, 6429-6434.	2.8	3
67	Hierarchical Self-Assembly of Amino Acid Derivatives into Enzyme-Responsive Luminescent Gel. <i>Chemosensors</i> , 2017, 5, 6.	3.6	2
68	Design and preparation of a novel fluorescent naphthalimide derivative supramolecular self-assembly system and its bioimaging application. <i>Supramolecular Chemistry</i> , 2019, 31, 625-633.	1.2	2
69	A Long-wavelength Emissive Phenothiazine Derived Fluorescent Probe for Detecting HOCl Upregulation in 5-FU Stimulated Living Cells. <i>Chemical Research in Chinese Universities</i> , 2022, 38, 609-615.	2.6	2
70	Fluorescence Spectroscopy of Interaction between Hg(II) and Keyhole Limpet Hemocyanin. <i>Asian Journal of Chemistry</i> , 2016, 28, 15-17.	0.3	0