

# Hai-Hao Han

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/41822/publications.pdf>

Version: 2024-02-01

31  
papers

2,542  
citations

430874

18  
h-index

434195

31  
g-index

31  
all docs

31  
docs citations

31  
times ranked

2366  
citing authors

#	ARTICLE	IF	CITATIONS
1	Excited-state intramolecular proton-transfer (ESIPT) based fluorescence sensors and imaging agents. <i>Chemical Society Reviews</i> , 2018, 47, 8842-8880.	38.1	993
2	Small-molecule fluorescence-based probes for interrogating major organ diseases. <i>Chemical Society Reviews</i> , 2021, 50, 9391-9429.	38.1	176
3	Remote light-controlled intracellular target recognition by photochromic fluorescent glycoprobes. <i>Nature Communications</i> , 2017, 8, 987.	12.8	141
4	The development of a novel AND logic based fluorescence probe for the detection of peroxynitrite and GSH. <i>Chemical Science</i> , 2018, 9, 3672-3676.	7.4	136
5	Fluorescent probes for the imaging of lipid droplets in live cells. <i>Coordination Chemistry Reviews</i> , 2021, 427, 213577.	18.8	123
6	Photochromic Fluorescent Probe Strategy for the Super-resolution Imaging of Biologically Important Biomarkers. <i>Journal of the American Chemical Society</i> , 2020, 142, 18005-18013.	13.7	118
7	Photocontrolled Fluorescence "Double-Check" Bioimaging Enabled by a Glycoprobe-Protein Hybrid. <i>Journal of the American Chemical Society</i> , 2018, 140, 8671-8674.	13.7	116
8	Long-wavelength fluorescent boronate probes for the detection and intracellular imaging of peroxynitrite. <i>Chemical Communications</i> , 2017, 53, 12822-12825.	4.1	112
9	Fluorescent probes for the detection of disease-associated biomarkers. <i>Science Bulletin</i> , 2022, 67, 853-878.	9.0	110
10	Dual-Channel Fluorescent Probe for the Simultaneous Monitoring of Peroxynitrite and Adenosine-5'-triphosphate in Cellular Applications. <i>Journal of the American Chemical Society</i> , 2022, 144, 174-183.	13.7	89
11	ESIPT-based fluorescence probe for the rapid detection of peroxynitrite AND™ biological thiols. <i>Chemical Communications</i> , 2018, 54, 11336-11339.	4.1	64
12	Protein encapsulation: a new approach for improving the capability of small-molecule fluorogenic probes. <i>Chemical Science</i> , 2020, 11, 1107-1113.	7.4	49
13	Deferasirox (Exjade): An FDA-Approved AI-Egen Platform with Unique Photophysical Properties. <i>Journal of the American Chemical Society</i> , 2021, 143, 1278-1283.	13.7	46
14	Glypican-3-targeted precision diagnosis of hepatocellular carcinoma on clinical sections with a supramolecular 2D imaging probe. <i>Theranostics</i> , 2018, 8, 3268-3274.	10.0	35
15	ESIPT-based fluorescence probe for the ratiometric detection of superoxide. <i>New Journal of Chemistry</i> , 2019, 43, 2875-2877.	2.8	29
16	Pinkment: a synthetic platform for the development of fluorescent probes for diagnostic and theranostic applications. <i>Chemical Science</i> , 2020, 11, 8567-8571.	7.4	26
17	Protein Encapsulation: A Nanocarrier Approach to the Fluorescence Imaging of an Enzyme-Based Biomarker. <i>Frontiers in Chemistry</i> , 2020, 8, 389.	3.6	22
18	Supramolecular core-glycoshell polythiophene nanodots for targeted imaging and photodynamic therapy. <i>Chemical Communications</i> , 2017, 53, 9793-9796.	4.1	21

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19	A long-wavelength fluorescent probe with a large Stokes shift for lysosome-targeted imaging of Cys and GSH. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 261, 120055.	3.9	19
20	Sialylglycan-Assembled Supra-Dots for Ratiometric Probing and Blocking of Human-Infecting Influenza Viruses. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 25164-25170.	8.0	15
21	Long-Wavelength AIE-Based Fluorescent Probes for Mitochondria-Targeted Imaging and Photodynamic Therapy of Hepatoma Cells. <i>ACS Applied Bio Materials</i> , 2021, 4, 7016-7024.	4.6	15
22	A Simple Near-Infrared Fluorescent Probe for the Detection of Peroxynitrite. <i>ChemistryOpen</i> , 2019, 8, 1407-1409.	1.9	14
23	Coumarin-based fluorescent probe for the rapid detection of peroxynitrite AND™ biological thiols. <i>RSC Advances</i> , 2020, 10, 13496-13499.	3.6	14
24	Fluorescent probes and functional materials for biomedical applications. <i>Frontiers of Chemical Science and Engineering</i> , 2022, 16, 1425-1437.	4.4	12
25	Peroxynitrite Activated Drug Conjugate Systems Based on a Coumarin Scaffold Toward the Application of Theranostics. <i>Frontiers in Chemistry</i> , 2019, 7, 775.	3.6	11
26	Coumarin-based fluorescent AND™ logic gate probes for the detection of homocysteine and a chosen biological analyte. <i>RSC Advances</i> , 2019, 9, 26425-26428.	3.6	9
27	<i>In vitro</i> studies of deferasirox derivatives as potential organelle-targeting traceable anti-cancer therapeutics. <i>Chemical Communications</i> , 2021, 57, 5678-5681.	4.1	9
28	Supramolecular Assembly of TPE-Based Glycoclusters with Dicyanomethylene-4-H-pyran (DM) Fluorescent Probes Improve Their Properties for Peroxynitrite Sensing and Cell Imaging. <i>Chemistry - A European Journal</i> , 2020, 26, 14445-14452.	3.3	8
29	Targeted delivery of maytansine to liver cancer cells <i>via</i> galactose-modified supramolecular two-dimensional glycomaterial. <i>Chemical Communications</i> , 2022, 58, 5029-5032.	4.1	6
30	Targeted photoswitchable imaging of intracellular glutathione by a photochromic glycosheet sensor. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 2380-2389.	2.2	3
31	Self-Assembled Thin-Layer Glycomaterials With a Proper Shell Thickness for Targeted and Activatable Cell Imaging. <i>Frontiers in Chemistry</i> , 2019, 7, 294.	3.6	1