

De-Ju Ye

List of Publications by Year in descending order

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73
papers

4,668
citations

87723

38
h-index

98622

67
g-index

79
all docs

79
docs citations

79
times ranked

4993
citing authors

#	ARTICLE	IF	CITATIONS
1	Two-photon excitation nanoparticles for photodynamic therapy. <i>Chemical Society Reviews</i> , 2016, 45, 6725-6741.	18.7	443
2	Bioorthogonal cyclization-mediated in situ self-assembly of small-molecule probes for imaging caspase activity in vivo. <i>Nature Chemistry</i> , 2014, 6, 519-526.	6.6	403
3	Activatable NIR Fluorescence/MRI Bimodal Probes for in Vivo Imaging by Enzyme-Mediated Fluorogenic Reaction and Self-Assembly. <i>Journal of the American Chemical Society</i> , 2019, 141, 10331-10341.	6.6	268
4	Ultrasonic activation of inert poly(tetrafluoroethylene) enables piezocatalytic generation of reactive oxygen species. <i>Nature Communications</i> , 2021, 12, 3508.	5.8	153
5	Engineering of Electrochromic Materials as Activatable Probes for Molecular Imaging and Photodynamic Therapy. <i>Journal of the American Chemical Society</i> , 2018, 140, 16340-16352.	6.6	148
6	Controlled Self-Assembling of Gadolinium Nanoparticles as Smart Molecular Magnetic Resonance Imaging Contrast Agents. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 6283-6286.	7.2	145
7	H ₂ S-activatable near-infrared afterglow luminescent probes for sensitive molecular imaging in vivo. <i>Nature Communications</i> , 2020, 11, 446.	5.8	141
8	Magnetic Semiconductor Gd-Doping CuS Nanoparticles as Activatable Nanoprobes for Bimodal Imaging and Targeted Photothermal Therapy of Gastric Tumors. <i>Nano Letters</i> , 2019, 19, 937-947.	4.5	132
9	Caspase-responsive smart gadolinium-based contrast agent for magnetic resonance imaging of drug-induced apoptosis. <i>Chemical Science</i> , 2014, 5, 3845-3852.	3.7	130
10	Controlling Intracellular Macrocyclization for the Imaging of Protease Activity. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 2275-2279.	7.2	116
11	A Photoacoustic Probe for the Imaging of Tumor Apoptosis by Caspase-Mediated Macrocyclization and Self-Assembly. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4886-4890.	7.2	108
12	Tumor-targeting CuS nanoparticles for multimodal imaging and guided photothermal therapy of lymph node metastasis. <i>Acta Biomaterialia</i> , 2018, 72, 256-265.	4.1	105
13	Gadolinium-Chelated Conjugated Polymer-Based Nanotheranostics for Photoacoustic/Magnetic Resonance/NIR-II Fluorescence Imaging-Guided Cancer Photothermal Therapy. <i>Theranostics</i> , 2019, 9, 4168-4181.	4.6	103
14	Positron Emission Tomography Imaging of Drug-Induced Tumor Apoptosis with a Caspase-Triggered Nanoaggregation Probe. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10511-10514.	7.2	96
15	Low Power Single Laser Activated Synergistic Cancer Phototherapy Using Photosensitizer Functionalized Dual Plasmonic Photothermal Nanoagents. <i>ACS Nano</i> , 2019, 13, 2544-2557.	7.3	89
16	Targeted Delivery of a ¹³ -Glutamyl Transpeptidase Activatable Near-Infrared-Fluorescent Probe for Selective Cancer Imaging. <i>Analytical Chemistry</i> , 2018, 90, 2875-2883.	3.2	88
17	ATP-Activatable Photosensitizer Enables Dual Fluorescence Imaging and Targeted Photodynamic Therapy of Tumor. <i>Analytical Chemistry</i> , 2017, 89, 13610-13617.	3.2	84
18	Redox-Mediated Disassembly to Build Activatable Trimodal Probe for Molecular Imaging of Biothiols. <i>ACS Nano</i> , 2016, 10, 10075-10085.	7.3	83

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19	Lysosome-Targeting Fluorogenic Probe for Cathepsin B Imaging in Living Cells. <i>Analytical Chemistry</i> , 2016, 88, 12403-12410.	3.2	82
20	Smart Magnetic and Fluorogenic Photosensitizer Nanoassemblies Enable Redox-Driven Disassembly for Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20636-20644.	7.2	80
21	An Activatable Near-Infrared Fluorescence Probe for in Vivo Imaging of Acute Kidney Injury by Targeting Phosphatidylserine and Caspase-3. <i>Journal of the American Chemical Society</i> , 2021, 143, 18294-18304.	6.6	80
22	Activatable Near-Infrared Probe for Fluorescence Imaging of γ -Glutamyl Transpeptidase in Tumor Cells and In Vivo. <i>Chemistry - A European Journal</i> , 2017, 23, 14778-14785.	1.7	69
23	Photo-tearable tape close-wrapped upconversion nanocapsules for near-infrared modulated efficient siRNA delivery and therapy. <i>Biomaterials</i> , 2018, 163, 55-66.	5.7	69
24	Aggregation-Induced Electrochemiluminescence from a Cyclometalated Iridium(III) Complex. <i>Inorganic Chemistry</i> , 2018, 57, 4310-4316.	1.9	68
25	An Activatable Chemiluminescent Probe for Sensitive Detection of γ -Glutamyl Transpeptidase Activity in Vivo. <i>Analytical Chemistry</i> , 2019, 91, 13639-13646.	3.2	68
26	Magnetic Resonance Imaging of Stem Cell Apoptosis in Arthritic Joints with a Caspase Activatable Contrast Agent. <i>ACS Nano</i> , 2015, 9, 1150-1160.	7.3	67
27	Generation of hydroxyl radical-activatable ratiometric near-infrared bimodal probes for early monitoring of tumor response to therapy. <i>Nature Communications</i> , 2021, 12, 6145.	5.8	66
28	Rational engineering of semiconductor QDs enabling remarkable $1\ O\ 2$ production for tumor-targeted photodynamic therapy. <i>Biomaterials</i> , 2017, 148, 31-40.	5.7	62
29	Enzyme-Mediated In Situ Self-Assembly Promotes In Vivo Bioorthogonal Reaction for Pretargeted Multimodality Imaging. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 18082-18093.	7.2	58
30	Fluorescent Coumarin-Artemisinin Conjugates as Mitochondria-Targeting Theranostic Probes for Enhanced Anticancer Activities. <i>Chemistry - A European Journal</i> , 2015, 21, 17415-17421.	1.7	53
31	Plasmonic Nanohybrid with High Photothermal Conversion Efficiency for Simultaneously Effective Antibacterial/Anticancer Photothermal Therapy. <i>ACS Applied Bio Materials</i> , 2019, 2, 3942-3953.	2.3	49
32	Recent advances in stimuli-responsive <i>in situ</i> self-assembly of small molecule probes for <i>in vivo</i> imaging of enzymatic activity. <i>Biomaterials Science</i> , 2021, 9, 406-421.	2.6	49
33	NIR Scaffold Bearing Three Handles for Biocompatible Sequential Click Installation of Multiple Functional Arms. <i>Journal of the American Chemical Society</i> , 2020, 142, 2787-2794.	6.6	48
34	Redox-Triggered Self-Assembly of Gadolinium-Based MRI Probes for Sensing Reducing Environment. <i>Bioconjugate Chemistry</i> , 2014, 25, 1526-1536.	1.8	47
35	Molecular imaging of enzyme activity in vivo using activatable probes. <i>Science Bulletin</i> , 2016, 61, 1672-1679.	4.3	46
36	Molecular Magnetic Resonance Imaging of Tumor Response to Therapy. <i>Scientific Reports</i> , 2015, 5, 14759.	1.6	43

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37	Recent Advances in the Development of Optical Imaging Probes for $\hat{3}$ -Glutamyltranspeptidase. <i>ChemBioChem</i> , 2019, 20, 474-487.	1.3	43
38	An Activatable Afterglow/MRI Bimodal Nanoprobe with Fast Response to $H_{2}S$ for In Vivo Imaging of Acute Hepatitis. <i>Angewandte Chemie - International Edition</i> , 2022, 61, e202111759.	7.2	41
39	Ratiometric Imaging of MMP-2 Activity Facilitates Tumor Detection Using Activatable Near-Infrared Fluorescent Semiconducting Polymer Nanoparticles. <i>Small</i> , 2021, 17, e2101924.	5.2	39
40	Nanoporous Semiconductor Electrode Captures the Quantum Dots: Toward Ultrasensitive Signal-On Liposomal Photoelectrochemical Immunoassay. <i>Analytical Chemistry</i> , 2019, 91, 3795-3799.	3.2	36
41	A Photoacoustic Probe for the Imaging of Tumor Apoptosis by Caspase-Mediated Macrocyclization and Self-Assembly. <i>Angewandte Chemie</i> , 2019, 131, 4940-4944.	1.6	34
42	Activatable QD-Based Near-Infrared Fluorescence Probe for Sensitive Detection and Imaging of DNA. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 25107-25113.	4.0	31
43	Simultaneous quantification of multiple endogenous biothiols in single living cells by plasmonic Raman probes. <i>Chemical Science</i> , 2017, 8, 7582-7587.	3.7	28
44	An activatable ratiometric near-infrared fluorescent probe for hydrogen sulfide imaging in vivo. <i>Science China Chemistry</i> , 2020, 63, 741-750.	4.2	28
45	Cysteine-Mediated Intracellular Building of Luciferin to Enhance Probe Retention and Fluorescence Turn-On. <i>Chemistry - A European Journal</i> , 2015, 21, 10506-10512.	1.7	27
46	Smart Magnetic and Fluorogenic Photosensitizer Nanoassemblies Enable Redox-Driven Disassembly for Photodynamic Therapy. <i>Angewandte Chemie</i> , 2020, 132, 20817-20825.	1.6	25
47	Degradable Hybrid CuS Nanoparticles for Imaging-Guided Synergistic Cancer Therapy via Low-Power NIR-II Light Excitation. <i>CCS Chemistry</i> , 2021, 3, 1336-1349.	4.6	25
48	Degradable FeCuS-Lipid Nanoparticles Confer Ultrasound-Activated CO Release and O_{2} -Independent Radical Production for Synergistic Therapy. <i>ACS Nano</i> , 2021, 15, 16298-16313.	7.3	23
49	Design and Development of a Bioorthogonal, Visualizable and Mitochondria-Targeted Hydrogen Sulfide ($H_{2}S$) Delivery System. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	23
50	Alkaline Phosphatase Enabled Fluorogenic Reaction and <i>in situ</i> Coassembly of Near-Infrared and Radioactive Nanoparticles for <i>in vivo</i> Imaging. <i>Nano Letters</i> , 2021, 21, 10377-10385.	4.5	23
51	Noninvasive ratiometric fluorescence imaging of $\hat{3}$ -glutamyltransferase activity using an activatable probe. <i>Analyst</i> , 2021, 146, 1865-1871.	1.7	22
52	Responsive Trimodal Probes for In Vivo Imaging of Liver Inflammation by Coassembly and GSH-Driven Disassembly. <i>Research</i> , 2020, 2020, 4087069.	2.8	20
53	Firefly Luciferin-Inspired Biocompatible Chemistry for Protein Labeling and In Vivo Imaging. <i>Chemistry - A European Journal</i> , 2018, 24, 5707-5722.	1.7	18
54	Activatable Core-Shell Metallofullerene: An Efficient Nanoplatform for Bimodal Sensing of Glutathione. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 46637-46644.	4.0	17

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55	Tailoring a Near-Infrared Macrocyclization Scaffold Allows the Control of In Situ Self-Assembly for Photoacoustic/PET Bimodal Imaging. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	17
56	Engineering of donor-acceptor-donor curcumin analogues as near-infrared fluorescent probes for <i>in vivo</i> imaging of amyloid- β^2 species. <i>Theranostics</i> , 2022, 12, 3178-3195.	4.6	16
57	Enzyme-Mediated In Situ Self-Assembly Promotes In Vivo Bioorthogonal Reaction for Pretargeted Multimodality Imaging. <i>Angewandte Chemie</i> , 2021, 133, 18230-18241.	1.6	15
58	Dual Stimuli-Responsive Nanoparticles for Controlled Release of Anticancer and Anti-Inflammatory Drugs Combination. <i>Chemistry - A European Journal</i> , 2017, 23, 9397-9406.	1.7	13
59	Manganese-Fluorouracil Metallodrug Nanotheranostic for MRI-Correlated Drug Release and Enhanced Chemoradiotherapy. <i>CCS Chemistry</i> , 2021, 3, 1116-1128.	4.6	13
60	Self-Assembly of Fluorescent Dehydroberberine Enhances Mitochondria-Dependent Antitumor Efficacy. <i>Chemistry - A European Journal</i> , 2018, 24, 9812-9819.	1.7	12
61	Hexaarylbutadiene: A Versatile Scaffold with Tunable Redox Properties towards Organic Near-Infrared Electrochromic Material. <i>Chemistry - an Asian Journal</i> , 2020, 15, 1147-1155.	1.7	11
62	Coordination mode-induced isomeric cyclometalated [Ir(tpy)(nbi)Cl](PF ₆) ₂ complexes: distinct luminescence, self-assembly and cellular imaging behaviors. <i>Dalton Transactions</i> , 2017, 46, 16787-16791.	1.6	9
63	Sulfoximines Assisted Rh(III)-Catalyzed C-H Activation/Annulation Cascade to Synthesize Highly Fused Indeno-1,2-benzothiazines. <i>Journal of Organic Chemistry</i> , 2021, 86, 15217-15227.	1.7	9
64	An Activatable Afterglow/MRI Bimodal Nanoprobe with Fast Response to H ₂ S for In Vivo Imaging of Acute Hepatitis. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	8
65	Plasmon-Accelerated Generation of Singlet Oxygen on an Au/MoS ₂ Nanohybrid for Enhanced Photodynamic Killing of Bacterial Pathogens/Cancerous Cells. <i>ACS Applied Bio Materials</i> , 2022, 5, 747-760.	2.3	6
66	Recent Advances in Pretargeted Imaging of Tumors in Vivo. <i>Analysis & Sensing</i> , 2022, 2, .	1.1	6
67	Development of an LC-MS Method for 4-Fluoroaniline Determination in Ezetimibe. <i>Journal of Chromatographic Science</i> , 2018, 56, 724-730.	0.7	4
68	A caspase-3 activatable photoacoustic probe for in vivo imaging of tumor apoptosis. <i>Methods in Enzymology</i> , 2021, 657, 21-57.	0.4	3
69	Tailoring a Near-Infrared Macrocyclization Scaffold Allows the Control of In Situ Self-Assembly for Photoacoustic/PET Bimodal Imaging. <i>Angewandte Chemie</i> , 0, , .	1.6	2
70	Dehydroberberine Analogue Nanoassemblies for Inducing and Self-Reporting Mitochondrial Dysfunction in Tumor Cells. <i>ACS Applied Bio Materials</i> , 2021, 4, 2033-2043.	2.3	1
71	Innenteilbild: Positron Emission Tomography Imaging of Drug-Induced Tumor Apoptosis with a Caspase-Triggered Nanoaggregation Probe (<i>Angew. Chem.</i> 40/2013). <i>Angewandte Chemie</i> , 2013, 125, 10584-10584.	1.6	0
72	Frontispiece: Firefly Luciferin-Inspired Biocompatible Chemistry for Protein Labeling and In Vivo Imaging. <i>Chemistry - A European Journal</i> , 2018, 24, .	1.7	0

#	ARTICLE	IF	CITATIONS
73	Semiconductor Quantum Dots for Cell Imaging. , 2020, , 17-48.		0