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List of Publications by Year
in descending order

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83 papers	5,179 citations	66250 44 h-index	100535 70 g-index
103 all docs	103 docs citations	103 times ranked	6421 citing authors

#	Article	IF	Citations
1	An Activatable Afterglow/MRI Bimodal Nanoprobe with Fast Response to H₂S for In Vivo Imaging of Acute Hepatitis. Angewandte Chemie, 2022, 134, .	1.6	8
2	An Activatable Afterglow/MRI Bimodal Nanoprobe with Fast Response to H₂S for In Vivo Imaging of Acute Hepatitis. Angewandte Chemie - International Edition, 2022, 61, e202111759.	7.2	41
3	Tailoring a Nearâ€Infrared Macrocyclization Scaffold Allows the Control of In Situ Selfâ€Assembly for Photoacoustic/PET Bimodal Imaging. Angewandte Chemie - International Edition, 2022, 61, .	7.2	17
4	Recent Advances in Pretargeted Imaging of Tumors in Vivo. Analysis & Sensing, 2022, 2, .	1.1	6
5	Recent advances in stimuli-responsive in situ self-assembly of small molecule probes for in vivo imaging of enzymatic activity. Biomaterials Science, 2021, 9, 406-421.	2.6	49
6	Dehydroberberine Analogue Nanoassemblies for Inducing and Self-Reporting Mitochondrial Dysfunction in Tumor Cells. ACS Applied Bio Materials, 2021, 4, 2033-2043.	2.3	1
7	Noninvasive ratiometric fluorescence imaging of Î³-glutamyltransferase activity using an activatable probe. Analyst, The, 2021, 146, 1865-1871.	1.7	22
8	Degradable Hybrid CuS Nanoparticles for Imaging-Guided Synergistic Cancer Therapy via Low-Power NIR-II Light Excitation. CCS Chemistry, 2021, 3, 1336-1349.	4.6	25
9	Ratiometric Imaging of MMPâ€2 Activity Facilitates Tumor Detection Using Activatable Nearâ€Infrared Fluorescent Semiconducting Polymer Nanoparticles. Small, 2021, 17, e2101924.	5.2	39
10	Enzymeâ€Mediated In Situ Selfâ€Assembly Promotes In Vivo Bioorthogonal Reaction for Pretargeted Multimodality Imaging. Angewandte Chemie, 2021, 133, 18230-18241.	1.6	15
11	Enzymeâ€Mediated In Situ Selfâ€Assembly Promotes In Vivo Bioorthogonal Reaction for Pretargeted Multimodality Imaging. Angewandte Chemie - International Edition, 2021, 60, 18082-18093.	7.2	58
12	Degradable FeCuS-Lipid Nanoparticles Confer Ultrasound-Activated CO Release and O₂-Independent Radical Production for Synergistic Therapy. ACS Nano, 2021, 15, 16298-16313.	7.3	23
13	A caspase-3 activatable photoacoustic probe for in vivo imaging of tumor apoptosis. Methods in Enzymology, 2021, 657, 21-57.	0.4	3
14	Generation of hydroxyl radical-activatable ratiometric near-infrared bimodal probes for early monitoring of tumor response to therapy. Nature Communications, 2021, 12, 6145.	5.8	66
15	An Activatable Near-Infrared Fluorescence Probe for in Vivo Imaging of Acute Kidney Injury by Targeting Phosphatidylserine and Caspase-3. Journal of the American Chemical Society, 2021, 143, 18294-18304.	6.6	80
16	Alkaline Phosphatase Enabled Fluorogenic Reaction and in situ Coassembly of Near-Infrared and Radioactive Nanoparticles for in vivo Imaging. Nano Letters, 2021, 21, 10377-10385.	4.5	23
17	Smart Magnetic and Fluorogenic Photosensitizer Nanoassemblies Enable Redoxâ€Driven Disassembly for Photodynamic Therapy. Angewandte Chemie, 2020, 132, 20817-20825.	1.6	25
18	Smart Magnetic and Fluorogenic Photosensitizer Nanoassemblies Enable Redoxâ€Driven Disassembly for Photodynamic Therapy. Angewandte Chemie - International Edition, 2020, 59, 20636-20644.	7.2	80

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19	An activatable ratiometric near-infrared fluorescent probe for hydrogen sulfide imaging in vivo. Science China Chemistry, 2020, 63, 741-750.	4.2	28
20	Hexaarylbutadiene: A Versatile Scaffold with Tunable Redox Properties towards Organic Nearâ€Infrared Electrochromic Material. Chemistry - an Asian Journal, 2020, 15, 1147-1155.	1.7	11
21	NIR Scaffold Bearing Three Handles for Biocompatible Sequential Click Installation of Multiple Functional Arms. Journal of the American Chemical Society, 2020, 142, 2787-2794.	6.6	48
22	H2S-activatable near-infrared afterglow luminescent probes for sensitive molecular imaging in vivo. Nature Communications, 2020, 11, 446.	5.8	141
23	Responsive Trimodal Probes for In Vivo Imaging of Liver Inflammation by Coassembly and GSH-Driven Disassembly. Research, 2020, 2020, 4087069.	2.8	20
24	Semiconductor Quantum Dots for Cell Imaging. , 2020, , 17-48.		0
25	Recent Advances in the Development of Optical Imaging Probes for Î³â€Glutamyltranspeptidase. ChemBioChem, 2019, 20, 474-487.	1.3	43
26	Plasmonic Nanohybrid with High Photothermal Conversion Efficiency for Simultaneously Effective Antibacterial/Anticancer Photothermal Therapy. ACS Applied Bio Materials, 2019, 2, 3942-3953.	2.3	49
27	An Activatable Chemiluminescent Probe for Sensitive Detection of Î³-Glutamyl Transpeptidase Activity in Vivo. Analytical Chemistry, 2019, 91, 13639-13646.	3.2	68
28	A Photoacoustic Probe for the Imaging of Tumor Apoptosis by Caspaseâ€Mediated Macrocyclization and Selfâ€Assembly. Angewandte Chemie, 2019, 131, 4940-4944.	1.6	34
29	A Photoacoustic Probe for the Imaging of Tumor Apoptosis by Caspaseâ€Mediated Macrocyclization and Selfâ€Assembly. Angewandte Chemie - International Edition, 2019, 58, 4886-4890.	7.2	108
30	Magnetic Semiconductor Gd-Doping CuS Nanoparticles as Activatable Nanoprobes for Bimodal Imaging and Targeted Photothermal Therapy of Gastric Tumors. Nano Letters, 2019, 19, 937-947.	4.5	132
31	Activatable NIR Fluorescence/MRI Bimodal Probes for in Vivo Imaging by Enzyme-Mediated Fluorogenic Reaction and Self-Assembly. Journal of the American Chemical Society, 2019, 141, 10331-10341.	6.6	268
32	Low Power Single Laser Activated Synergistic Cancer Phototherapy Using Photosensitizer Functionalized Dual Plasmonic Photothermal Nanoagents. ACS Nano, 2019, 13, 2544-2557.	7.3	89
33	Activatable Coreâ€“Shell Metallofullerene: An Efficient Nanoplatform for Bimodal Sensing of Glutathione. ACS Applied Materials & Interfaces, 2019, 11, 46637-46644.	4.0	17
34	Targeted Delivery of a Î³-Glutamyl Transpeptidase Activatable Near-Infrared-Fluorescent Probe for Selective Cancer Imaging. Analytical Chemistry, 2018, 90, 2875-2883.	3.2	88
35	Aggregation-Induced Electrochemiluminescence from a Cyclometalated Iridium(III) Complex. Inorganic Chemistry, 2018, 57, 4310-4316.	1.9	68
36	Tumor-targeting CuS nanoparticles for multimodal imaging and guided photothermal therapy of lymph node metastasis. Acta Biomaterialia, 2018, 72, 256-265.	4.1	105

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37	Firefly Luciferinâ€Inspired Biocompatible Chemistry for Protein Labeling and In Vivo Imaging. Chemistry - A European Journal, 2018, 24, 5707-5722.	1.7	18
38	Engineering of Electrochromic Materials as Activatable Probes for Molecular Imaging and Photodynamic Therapy. Journal of the American Chemical Society, 2018, 140, 16340-16352.	6.6	148
39	Selfâ€assembly of Fluorescent Dehydroberberine Enhances Mitochondriaâ€Dependent Antitumor Efficacy. Chemistry - A European Journal, 2018, 24, 9812-9819.	1.7	12
40	Rational engineering of semiconductor QDs enabling remarkable 1 O 2 production for tumor-targeted photodynamic therapy. Biomaterials, 2017, 148, 31-40.	5.7	62
41	ATP-Activatable Photosensitizer Enables Dual Fluorescence Imaging and Targeted Photodynamic Therapy of Tumor. Analytical Chemistry, 2017, 89, 13610-13617.	3.2	84
42	Activatable Nearâ€Infrared Probe for Fluorescence Imaging of Î³â€Glutamyl Transpeptidase in Tumor Cells and In Vivo. Chemistry - A European Journal, 2017, 23, 14778-14785.	1.7	69
43	Activatable QD-Based Near-Infrared Fluorescence Probe for Sensitive Detection and Imaging of DNA. ACS Applied Materials & Interfaces, 2017, 9, 25107-25113.	4.0	31
44	Molecular imaging of enzyme activity in vivo using activatable probes. Science Bulletin, 2016, 61, 1672-1679.	4.3	46
45	Two-photon excitation nanoparticles for photodynamic therapy. Chemical Society Reviews, 2016, 45, 6725-6741.	18.7	443
46	Lysosome-Targeting Fluorogenic Probe for Cathepsin B Imaging in Living Cells. Analytical Chemistry, 2016, 88, 12403-12410.	3.2	82
47	Redox-Mediated Disassembly to Build Activatable Trimodal Probe for Molecular Imaging of Biothiols. ACS Nano, 2016, 10, 10075-10085.	7.3	83
48	Structural optimization and biological evaluation of 1,5-disubstituted pyrazole-3-carboxamines as potent inhibitors of human 5-lipoxygenase. Acta Pharmaceutica Sinica B, 2016, 6, 32-45.	5.7	11
49	Molecular Magnetic Resonance Imaging of Tumor Response to Therapy. Scientific Reports, 2015, 5, 14759.	1.6	43
50	Cysteineâ€Mediated Intracellular Building of Luciferin to Enhance Probe Retention and Fluorescence Turnâ€On. Chemistry - A European Journal, 2015, 21, 10506-10512.	1.7	27
51	Fluorescent Coumarinâ€“Artemisinin Conjugates as Mitochondriaâ€Targeting Theranostic Probes for Enhanced Anticancer Activities. Chemistry - A European Journal, 2015, 21, 17415-17421.	1.7	53
52	Magnetic Resonance Imaging of Stem Cell Apoptosis in Arthritic Joints with a Caspase Activatable Contrast Agent. ACS Nano, 2015, 9, 1150-1160.	7.3	67
53	Bioorthogonal cyclization-mediated in situ self-assembly of small-molecule probes for imaging caspase activity in vivo. Nature Chemistry, 2014, 6, 519-526.	6.6	403
54	Redox-Triggered Self-Assembly of Gadolinium-Based MRI Probes for Sensing Reducing Environment. Bioconjugate Chemistry, 2014, 25, 1526-1536.	1.8	47

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55	Caspase-responsive smart gadolinium-based contrast agent for magnetic resonance imaging of drug-induced apoptosis. Chemical Science, 2014, 5, 3845-3852.	3.7	130
56	Positron Emission Tomography Imaging of Drugâ€Induced Tumor Apoptosis with a Caspaseâ€Triggered Nanoaggregation Probe. Angewandte Chemie - International Edition, 2013, 52, 10511-10514.	7.2	96
57	Synthesis of C-4-modified zanamivir analogs as neuraminidase inhibitors and their anti-AIV activities. European Journal of Medicinal Chemistry, 2012, 54, 764-770.	2.6	28
58	Recent Advances in Neuraminidase Inhibitor Development as Antiâ€influenza Drugs. ChemMedChem, 2012, 7, 1527-1536.	1.6	62
59	Silver-catalyzed intramolecular hydroamination of alkynes in aqueous media: efficient and regioselective synthesis for fused benzimidazoles. Green Chemistry, 2011, 13, 397-405.	4.6	36
60	Cell-Permeable Iminocoumarine-Based Fluorescent Dyes for Mitochondria. Organic Letters, 2011, 13, 2884-2887.	2.4	61
61	An Effective Synthetic Entry to Fused Benzimidazoles via Iodocyclization. Advanced Synthesis and Catalysis, 2011, 353, 1429-1437.	2.1	25
62	Controlling Intracellular Macrocyclization for the Imaging of Protease Activity. Angewandte Chemie - International Edition, 2011, 50, 2275-2279.	7.2	116
63	Controlled Selfâ€Assembling of Gadolinium Nanoparticles as Smart Molecular Magnetic Resonance Imaging Contrast Agents. Angewandte Chemie - International Edition, 2011, 50, 6283-6286.	7.2	145
64	Gold(I)â€Catalyzed Oneâ€Pot Tandem Coupling/Cyclization: An Efficient Synthesis of Pyrroloâ€Pyrido[2,1â€b]benzo[d][1,3]oxazinâ€1â€ones. Advanced Synthesis and Catalysis, 2010, 352, 373-378.	2.1	55
65	Highly Î±-Selective Synthesis of Sialyl Spirohydantoins by Regiospecific Domino Condensation/Oâ†'N Acyl Migration/N-Sialylation of Carbodiimides with Peracetylated Sialic Acid. Journal of Organic Chemistry, 2010, 75, 3552-3557.	1.7	25
66	Metal-free tandem reaction in water: An efficient and regioselective synthesis of 3-hydroxyisoindolin-1-ones. Green Chemistry, 2010, 12, 1397.	4.6	55
67	Regioselective Synthesis of 3-Benzazepinones and Unexpected 5-Bromo-3-benzazepinones. Journal of Organic Chemistry, 2010, 75, 3671-3677.	1.7	65
68	Metal-Free Synthesis of 2-Substituted (N, O, C) Benzothiazoles via an Intramolecular Câ^'S Bond Formation. ACS Combinatorial Science, 2010, 12, 422-429.	3.3	60
69	Current Strategies for the Discovery of K+ Channel Modulators. Current Topics in Medicinal Chemistry, 2009, 9, 348-361.	1.0	7
70	Silverâ€Catalyzed Intramolecular Cyclization of oâ€(1â€Alkynyl)benzamides: Efficient Synthesis of (1H)â€Isochromenâ€1â€imines. Advanced Synthesis and Catalysis, 2009, 351, 2605-2610.	2.1	57
71	Goldâ€and Silverâ€Catalyzed Intramolecular Hydroamination of Terminal Alkynes: Waterâ€Triggered Chemoâ€ and Regioselective Synthesis of Fused Tricyclic Xanthines. Advanced Synthesis and Catalysis, 2009, 351, 2770-2778.	2.1	55
72	Efficient Dehydrative Sialylation of C-4-Aminated Sialyl-Hemiketal Donors with Ph2SO/Tf2O. Journal of Organic Chemistry, 2009, 74, 1733-1735.	1.7	14

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73	Gold-Catalyzed One-Pot Cascade Construction of Highly Functionalized Pyrrolo[1,2-a]quinolin-1(2H)-ones. Journal of Organic Chemistry, 2009, 74, 7344-7348.	1.7	73
74	Efficient Synthesis of Î±-Aryl-/Heteroaryl-Substituted Î²-Amino Acids via Ni(II) Complex through the Suzuki Coupling Reaction. Journal of Organic Chemistry, 2009, 74, 5656-5659.	1.7	15
75	Microwave-assisted synthesis of quinazolinone derivatives by efficient and rapid iron-catalyzed cyclization in water. Green Chemistry, 2009, 11, 1881.	4.6	80
76	Gold-catalyzed intramolecular hydroamination of terminal alkynes in aqueous media: efficient and regioselective synthesis of indole-1-carboxamides. Green Chemistry, 2009, 11, 1201.	4.6	84
77	Copper(I)-Catalyzed One-Pot Synthesis of 2H-1,4-Benzoxazin-3-(4H)-ones from o-Halophenols and 2-Chloroacetamides. Journal of Organic Chemistry, 2009, 74, 2846-2849.	1.7	51
78	Simultaneous 2-O-deacetylation and 4-amination of peracetylated Neu5Ac: application to the synthesis of (4â†'4)-piperazine derivatives linked sialic acid dimers. Tetrahedron, 2008, 64, 6544-6550.	1.0	5
79	Microwaveâ€Assisted Dehalogenation of Î±â€Haloketones by Zinc and Ammonium Chloride in Alcohol. Synthetic Communications, 2008, 38, 567-575.	1.1	12
80	Transformation of Aryl Acyloin Oâ€Alkyl and Oâ€Phenyl Derivatives to Ketones. Synthetic Communications, 2007, 37, 149-156.	1.1	18
81	Simultaneous stereoselective 4-amination with cyclic secondary amines and 2-O-deacetylation of peracetylated sialic acid derivatives. Tetrahedron Letters, 2007, 48, 4023-4027.	0.7	12
82	Indole derivatives as potent inhibitors of 5-lipoxygenase: Design, synthesis, biological evaluation, and molecular modeling. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 2414-2420.	1.0	29
83	Tailoring a Nearâ€Infrared Macrocyclization Scaffold Allows the Control of In Situ Selfâ€assembly for Photoacoustic/PET Bimodal Imaging. Angewandte Chemie, 0, , .	1.6	2