

# Yong Cheng

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

1,335  
citations

393982

19  
h-index

360668

35  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1546  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Dual-Color Fluorescent Probe Allows Simultaneous Imaging of Main and Papain-like Proteases of SARS-CoV-2 Infected Cells for Accurate Detection and Rapid Inhibitor Screening. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	6
2	Peptidic Sulfhydryl for Interfacing Nanocrystals and Subsequent Sensing of SARS-CoV-2 Protease. <i>Chemistry of Materials</i> , 2022, 34, 1259-1268.	3.2	16
3	A Charge-Switchable Zwitterionic Peptide for Rapid Detection of SARS-CoV-2 Main Protease. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	1
4	A Charge-Switchable Zwitterionic Peptide for Rapid Detection of SARS-CoV-2 Main Protease. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	54
5	A Dual-Color Fluorescent Probe Allows Simultaneous Imaging of Main and Papain-like Proteases of SARS-CoV-2 Infected Cells for Accurate Detection and Rapid Inhibitor Screening. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	29
6	One-Step Supramolecular Multifunctional Coating on Plant Virus Nanoparticles for Bioimaging and Therapeutic Applications. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 13692-13702.	4.0	21
7	High performance of the A-Mn <sub>2</sub> O <sub>3</sub> nanocatalyst for persulfate activation: Degradation process of organic contaminants via singlet oxygen. <i>Journal of Colloid and Interface Science</i> , 2021, 584, 885-899.	5.0	44
8	Versatile Polymer Nanocapsules via Redox Competition. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 26357-26362.	7.2	15
9	Enzyme and AIEgens Modulated Solid-State Nanochannels: In Situ and Noninvasive Monitoring of H <sub>2</sub> O <sub>2</sub> Released from Living Cells. <i>Small Methods</i> , 2020, 4, 1900432.	4.6	29
10	Efficient polymerase chain reaction assisted by metal-organic frameworks. <i>Chemical Science</i> , 2020, 11, 797-802.	3.7	15
11	Modular Peptide Probe for Pre/Intra/Postoperative Therapeutic to Reduce Recurrence in Ovarian Cancer. <i>ACS Nano</i> , 2020, 14, 14698-14714.	7.3	46
12	Tumor-Triggered Disassembly of a Multiple-Agent Therapy Probe for Efficient Cellular Internalization. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20405-20410.	7.2	74
13	Tumor-Triggered Disassembly of a Multiple-Agent Therapy Probe for Efficient Cellular Internalization. <i>Angewandte Chemie</i> , 2020, 132, 20585-20590.	1.6	10
14	A Novel Splice-Site Mutation in MSH2 Is Associated With the Development of Lynch Syndrome. <i>Frontiers in Oncology</i> , 2020, 10, 983.	1.3	7
15	Solid-State Nanochannels: Enzyme and AIEgens Modulated Solid-State Nanochannels: In Situ and Noninvasive Monitoring of H <sub>2</sub> O <sub>2</sub> Released from Living Cells (Small Methods) Tj ETQq1 140784314rgBT /O		
16	Rational Fabrication and Biomedical Application of Biomolecule-Conjugated AIEgens through Click Reaction. <i>Chinese Journal of Chemistry</i> , 2019, 37, 1072-1082.	2.6	10
17	Coordination-induced structural changes of DNA-based optical and electrochemical sensors for metal ions detection. <i>Dalton Transactions</i> , 2019, 48, 5879-5891.	1.6	16
18	A Multifunctional Peptide-Conjugated AIEgen for Efficient and Sequential Targeted Gene Delivery into the Nucleus. <i>Angewandte Chemie</i> , 2019, 131, 5103-5107.	1.6	31

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19	A Multifunctional Peptide- $\alpha$ -Conjugated AIEgen for Efficient and Sequential Targeted Gene Delivery into the Nucleus. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 5049-5053.	7.2	119
20	Simultaneous detection of telomerase and miRNA with graphene oxide-based fluorescent aptasensor in living cells and tissue samples. <i>Biosensors and Bioelectronics</i> , 2019, 124-125, 199-204.	5.3	70
21	An Intracellular H <sub>2</sub> O <sub>2</sub> -Responsive AIEgen for the Peroxidase-Mediated Selective Imaging and Inhibition of Inflammatory Cells. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3123-3127.	7.2	197
22	An Intracellular H <sub>2</sub> O <sub>2</sub> -Responsive AIEgen for the Peroxidase-Mediated Selective Imaging and Inhibition of Inflammatory Cells. <i>Angewandte Chemie</i> , 2018, 130, 3177-3181.	1.6	19
23	Full-scale practice of domestic wastewater source separation and collection in a semicentralized treatment system: a case study. <i>Water Science and Technology</i> , 2018, 78, 2193-2203.	1.2	10
24	Integrated Solid-State Nanopore Electrochemistry Array for Sensitive, Specific, and Label-Free Biodetection. <i>Langmuir</i> , 2018, 34, 14787-14795.	1.6	19
25	DNA-Conjugated Amphiphilic Aggregation-Induced Emission Probe for Cancer Tissue Imaging and Prognosis Analysis. <i>Analytical Chemistry</i> , 2018, 90, 8162-8169.	3.2	64
26	A highly sensitive and facile graphene oxide-based nucleic acid probe: Label-free detection of telomerase activity in cancer patient's urine using AIEgens. <i>Biosensors and Bioelectronics</i> , 2017, 89, 417-421.	5.3	53
27	Dual-targeted peptide-conjugated multifunctional fluorescent probe with AIEgen for efficient nucleus-specific imaging and long-term tracing of cancer cells. <i>Chemical Science</i> , 2017, 8, 4571-4578.	3.7	99
28	Geometric factors affecting capillary discharge jet length in atmospheric pressure air. <i>Review of Scientific Instruments</i> , 2017, 88, 065109.	0.6	2
29	Protease-Responsive Prodrug with Aggregation-Induced Emission Probe for Controlled Drug Delivery and Drug Release Tracking in Living Cells. <i>Analytical Chemistry</i> , 2016, 88, 8913-8919.	3.2	84
30	Nonlinear Frequency Characteristic of Multiple Series Gaps With Voltage-Dividing Network and Its Application in HVDC Circuit Breaker. <i>IEEE Transactions on Plasma Science</i> , 2016, , 1-8.	0.6	2
31	Cellulose conjugated FITC-labelled mesoporous silica nanoparticles: intracellular accumulation and stimuli responsive doxorubicin release. <i>Nanoscale</i> , 2016, 8, 5089-5097.	2.8	53
32	Study on Graphite-Electrode Gas Switch Applied for Pulsed Power Supply With a 700-kA Peak Current. <i>IEEE Transactions on Plasma Science</i> , 2015, 43, 3419-3424.	0.6	8
33	Rational Designed Bipolar, Conjugated Polymer-DNA Composite Beacon for the Sensitive Detection of Proteins and Ions. <i>Analytical Chemistry</i> , 2015, 87, 3890-3894.	3.2	44
34	Lab in a Tube: Sensitive Detection of MicroRNAs in Urine Samples from Bladder Cancer Patients Using a Single-Label DNA Probe with AIEgens. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 16813-16818.	4.0	61
35	Optical and electrical investigation of a cylindrical diffuse-discharge chamber. <i>Physics of Plasmas</i> , 2015, 22, 033503.	0.7	2
36	Versatile Polymer Nanocapsules via Redox Competition. <i>Angewandte Chemie</i> , 0, , .	1.6	4