

Chenxu Yan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1019792/publications.pdf>

Version: 2024-02-01

43
papers

2,367
citations

236925

25
h-index

265206

42
g-index

46
all docs

46
docs citations

46
times ranked

2470
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Monitoring Autophagy with Atg4B Protease-Activated Aggregation-Induced Emission Probe. <i>Advanced Functional Materials</i> , 2022, 32, 2108571. | 14.9 | 14 |
| 2 | Sequence-Activated Fluorescent Nanotheranostics for Real-Time Profiling Pancreatic Cancer. <i>Jacs Au</i> , 2022, 2, 246-257. | 7.9 | 8 |
| 3 | Isopropyl-naphthylamide-hydrazine as a novel fluorescent reagent for ultrasensitive determination of carbonyl species on UPLC. <i>Microchemical Journal</i> , 2022, 177, 107308. | 4.5 | 0 |
| 4 | “Crossbreeding” Small-Molecular Weight NIR-II Flavchromenes Endows Activatable Multiplexed In Vivo Imaging. , 2022, 4, 1493-1502. | | 9 |
| 5 | Rational Design of Near-Infrared Cyanine-Based Fluorescent Probes for Rapid In Vivo Sensing Cysteine. <i>ACS Applied Bio Materials</i> , 2021, 4, 2001-2008. | 4.6 | 27 |
| 6 | Recent progress on molecularly near-infrared fluorescent probes for chemotherapy and phototherapy. <i>Coordination Chemistry Reviews</i> , 2021, 427, 213556. | 18.8 | 120 |
| 7 | Harnessing Î±-fucosidase for <i>in vivo</i> cellular senescence imaging. <i>Chemical Science</i> , 2021, 12, 10054-10062. | 7.4 | 25 |
| 8 | Engineering molecular self-assembly of theranostic nanoprobe for dual-modal imaging-guided precise chemotherapy. <i>Science China Chemistry</i> , 2021, 64, 2045-2052. | 8.2 | 10 |
| 9 | Harnessing Hypoxia-Dependent Cyanine Photocages for In Vivo Precision Drug Release. <i>Angewandte Chemie</i> , 2021, 133, 9639-9647. | 2.0 | 3 |
| 10 | Harnessing Hypoxia-Dependent Cyanine Photocages for In Vivo Precision Drug Release. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 9553-9561. | 13.8 | 28 |
| 11 | Fluorescence umplung enables light-up sensing of N-acetyltransferases and nerve agents. <i>Nature Communications</i> , 2021, 12, 3869. | 12.8 | 51 |
| 12 | NAD ⁺ supplement potentiates tumor-killing function by rescuing defective TUB-mediated NAMPT transcription in tumor-infiltrated T cells. <i>Cell Reports</i> , 2021, 36, 109516. | 6.4 | 50 |
| 13 | Circularly Polarized Fluorescence Resonance Energy Transfer (C-FRET) for Efficient Chirality Transmission within an Intermolecular System. <i>Angewandte Chemie</i> , 2021, 133, 24754-24762. | 2.0 | 17 |
| 14 | Circularly Polarized Fluorescence Resonance Energy Transfer (C-FRET) for Efficient Chirality Transmission within an Intermolecular System. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 24549-24557. | 13.8 | 72 |
| 15 | Engineering photo-controllable fragrance release with flash nanoprecipitation. <i>Green Chemical Engineering</i> , 2021, 2, 301-308. | 6.3 | 6 |
| 16 | Quantitative and systematic designing of fluorophores enables ultrasensitive distinguishing carbonyls. <i>New Journal of Chemistry</i> , 2021, 45, 12661-12668. | 2.8 | 3 |
| 17 | Enzyme-activatable fluorescent probes for Î²-galactosidase: from design to biological applications. <i>Chemical Science</i> , 2021, 12, 9885-9894. | 7.4 | 60 |
| 18 | High-Performance Quinoline-Malononitrile Core as a Building Block for the Diversity-Oriented Synthesis of AIEgens. <i>Angewandte Chemie</i> , 2020, 132, 9896-9909. | 2.0 | 15 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Rational Design of Ratiometric Near-Infrared Aza-BODIPY-Based Fluorescent Probe for <i>in Vivo</i> Imaging of Endogenous Hydrogen Peroxide. <i>ACS Applied Bio Materials</i> , 2020, 3, 45-52. | 4.6 | 42 |
| 20 | High-Performance Quinoline-Malononitrile Core as a Building Block for the Diversity-Oriented Synthesis of AIEgens. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 9812-9825. | 13.8 | 134 |
| 21 | Spatio-Temporally Reporting Dose-Dependent Chemotherapy via Uniting Dual-Modal MRI/NIR Imaging. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 21143-21150. | 13.8 | 51 |
| 22 | Spatio-Temporally Reporting Dose-Dependent Chemotherapy via Uniting Dual-Modal MRI/NIR Imaging. <i>Angewandte Chemie</i> , 2020, 132, 21329-21336. | 2.0 | 6 |
| 23 | De novo strategy with engineering anti-Kasha/Kasha fluorophores enables reliable ratiometric quantification of biomolecules. <i>Nature Communications</i> , 2020, 11, 793. | 12.8 | 74 |
| 24 | <i>in vivo</i> real-time tracking of tumor-specific biocatalysis in cascade nanotheranostics enables synergistic cancer treatment. <i>Chemical Science</i> , 2020, 11, 3371-3377. | 7.4 | 17 |
| 25 | A Sequential Dual-Lock Strategy for Photoactivatable Chemiluminescent Probes Enabling Bright Duplex Optical Imaging. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 9059-9066. | 13.8 | 92 |
| 26 | A Sequential Dual-Lock Strategy for Photoactivatable Chemiluminescent Probes Enabling Bright Duplex Optical Imaging. <i>Angewandte Chemie</i> , 2020, 132, 9144-9151. | 2.0 | 20 |
| 27 | Photocontrollable Release with Coumarin-Based Profragrances. <i>ACS Applied Bio Materials</i> , 2019, 2, 4002-4009. | 4.6 | 16 |
| 28 | Molecularly near-infrared fluorescent theranostics for <i>in vivo</i> tracking tumor-specific chemotherapy. <i>Chinese Chemical Letters</i> , 2019, 30, 1849-1855. | 9.0 | 59 |
| 29 | Saponin-Based Near-Infrared Nanoparticles with Aggregation-Induced Emission Behavior: Enhancing Cell Compatibility and Permeability. <i>ACS Applied Bio Materials</i> , 2019, 2, 943-951. | 4.6 | 20 |
| 30 | An enzyme-activatable probe liberating AIEgens: on-site sensing and long-term tracking of β -galactosidase in ovarian cancer cells. <i>Chemical Science</i> , 2019, 10, 398-405. | 7.4 | 146 |
| 31 | Near-Infrared Aggregation-Induced Emission-Active Probe Enables <i>in situ</i> and Long-Term Tracking of Endogenous β -Galactosidase Activity. <i>Frontiers in Chemistry</i> , 2019, 7, 291. | 3.6 | 46 |
| 32 | POSS: A Morphology-Tuning Strategy To Improve the Sensitivity and Responsiveness of Dissolved Oxygen Sensor. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 7761-7768. | 3.7 | 5 |
| 33 | High-Fidelity Trapping of Spatial-Temporal Mitochondria with Rational Design of Aggregation-Induced Emission Probes. <i>Advanced Functional Materials</i> , 2019, 29, 1808153. | 14.9 | 73 |
| 34 | Efficient and Stable Chemical Passivation on Perovskite Surface via Bidentate Anchoring. <i>Advanced Energy Materials</i> , 2019, 9, 1803573. | 19.5 | 232 |
| 35 | <i>in vivo</i> ratiometric tracking of endogenous β -galactosidase activity using an activatable near-infrared fluorescent probe. <i>Chemical Communications</i> , 2019, 55, 12308-12311. | 4.1 | 48 |
| 36 | Self-Assembly of a Monochromophore-Based Polymer Enables Unprecedented Ratiometric Tracing of Hypoxia. <i>Advanced Materials</i> , 2019, 31, e1805735. | 21.0 | 57 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 37 | Ratiometric and light-up near-infrared fluorescent DCM-based probe for real-time monitoring endogenous tyrosinase activity. <i>Dyes and Pigments</i> , 2019, 162, 802-807. | 3.7 | 28 |
| 38 | Rational Design of Near-Infrared Aggregation-Induced-Emission-Active Probes: In Situ Mapping of Amyloid- β Plaques with Ultrasensitivity and High-Fidelity. <i>Journal of the American Chemical Society</i> , 2019, 141, 3171-3177. | 13.7 | 341 |
| 39 | Molecularly precise self-assembly of theranostic nanoprobe within a single-molecular framework for <i>in vivo</i> tracking of tumor-specific chemotherapy. <i>Chemical Science</i> , 2018, 9, 4959-4969. | 7.4 | 81 |
| 40 | Dual-channel near-infrared fluorescent probe for real-time tracking of endogenous β -glutamyl transpeptidase activity. <i>Chemical Communications</i> , 2018, 54, 12393-12396. | 4.1 | 31 |
| 41 | A sequence-activated AND logic dual-channel fluorescent probe for tracking programmable drug release. <i>Chemical Science</i> , 2018, 9, 6176-6182. | 7.4 | 76 |
| 42 | Photocaged prodrug under NIR light-triggering with dual-channel fluorescence: <i>in vivo</i> real-time tracking for precise drug delivery. <i>Science China Chemistry</i> , 2018, 61, 1293-1300. | 8.2 | 59 |
| 43 | In Situ Ratiometric Quantitative Tracing of Intracellular Leucine Aminopeptidase Activity via an Activatable Near-Infrared Fluorescent Probe. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 26622-26629. | 8.0 | 85 |