

Chao Xu

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,300
citations

623734

14
h-index

752698

20
g-index

23
all docs

23
docs citations

23
times ranked

1184
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Amorphous Pure Organic Polymers for Heavy-Atom-Free Efficient Room-Temperature Phosphorescence Emission. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10854-10858. | 13.8 | 373 |
| 2 | Boosting the Quantum Efficiency of Ultralong Organic Phosphorescence up to 52% via Intramolecular Halogen Bonding. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 17451-17455. | 13.8 | 253 |
| 3 | Two-photon-excited ultralong organic room temperature phosphorescence by dual-channel triplet harvesting. <i>Chemical Science</i> , 2019, 10, 7352-7357. | 7.4 | 98 |
| 4 | Amorphous Pure Organic Polymers for Heavy-Atom-Free Efficient Room-Temperature Phosphorescence Emission. <i>Angewandte Chemie</i> , 2018, 130, 11020-11024. | 2.0 | 94 |
| 5 | Chirality-activated mechanoluminescence from aggregation-induced emission enantiomers with high contrast mechanochromism and force-induced delayed fluorescence. <i>Materials Chemistry Frontiers</i> , 2019, 3, 1800-1806. | 5.9 | 81 |
| 6 | Design and Preparation of Fe ^{N₅} Catalytic Sites in Single-Atom Catalysts for Enhancing the Oxygen Reduction Reaction in Fuel Cells. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 17334-17342. | 8.0 | 76 |
| 7 | Achieving remarkable and reversible mechanochromism from a bright ionic AIEgen with high specificity for mitochondrial imaging and secondary aggregation emission enhancement for long-term tracking of tumors. <i>Materials Chemistry Frontiers</i> , 2020, 4, 941-949. | 5.9 | 65 |
| 8 | Colour-tunable dual-mode afterglows and helical-array-induced mechanoluminescence from AIE enantiomers: Effects of molecular arrangement on formation and decay of excited states. <i>Chemical Engineering Journal</i> , 2021, 418, 129167. | 12.7 | 50 |
| 9 | A novel metal-free amorphous room-temperature phosphorescent polymer without conjugation. <i>Science China Chemistry</i> , 2019, 62, 430-433. | 8.2 | 49 |
| 10 | Activating Versatile Mechanoluminescence in Organic Host-Guest Crystals by Controlling Exciton Transfer. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 22645-22651. | 13.8 | 31 |
| 11 | Long non-coding RNA HOTTIP/HOXA13 act as synergistic role by decreasing cell migration and proliferation in Hirschsprung disease. <i>Biochemical and Biophysical Research Communications</i> , 2015, 463, 569-574. | 2.1 | 25 |
| 12 | Axial Ligand Coordination Tuning of the Electrocatalytic Activity of Iron Porphyrin Electrografted onto Carbon Nanotubes for the Oxygen Reduction Reaction. <i>Chemistry - A European Journal</i> , 2021, 27, 9898-9904. | 3.3 | 24 |
| 13 | An AIE luminogen-based electropolymerized film: an ultrasensitive fluorescent probe for TNP and Fe ³⁺ in water. <i>Materials Chemistry Frontiers</i> , 2021, 5, 492-499. | 5.9 | 21 |
| 14 | Controlling the thermally activated delayed fluorescence of axially chiral organic emitters and their racemate for information encryption. <i>Chemical Science</i> , 2021, 12, 15556-15562. | 7.4 | 21 |
| 15 | Supramolecular glyco-poly-cyclodextrin functionalized thin-layer manganese dioxide for targeted stimulus-responsive bioimaging. <i>Chemical Communications</i> , 2018, 54, 4037-4040. | 4.1 | 11 |
| 16 | AIEgens with bright mechanoluminescence and thermally activated delayed fluorescence derived from (9H-carbazol-9-yl)(phenyl)methanone. <i>Dyes and Pigments</i> , 2020, 174, 108093. | 3.7 | 8 |
| 17 | B, N-codoped Cu ^N /B ^C Composite as an Efficient Electrocatalyst for Oxygen-Reduction Reaction in Alkaline Media. <i>ChemistrySelect</i> , 2020, 5, 3647-3654. | 1.5 | 6 |
| 18 | Activating Versatile Mechanoluminescence in Organic Host-Guest Crystals by Controlling Exciton Transfer. <i>Angewandte Chemie</i> , 2020, 132, 22834-22840. | 2.0 | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | A metal-organic framework approach to engineer mesoporous ZnMnO ₃ /C towards enhanced lithium storage. <i>Sustainable Energy and Fuels</i> , 0, , . | 4.9 | 3 |
| 20 | Unraveling the enhancement mechanisms of H ₂ S sensing on a SnO ₂ surface: an ab initio perspective. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 15006-15012. | 2.8 | 1 |
| 21 | Innentitelbild: Amorphous Pure Organic Polymers for Heavy-Atom-Free Efficient Room-Temperature Phosphorescence Emission (<i>Angew. Chem.</i> 34/2018). <i>Angewandte Chemie</i> , 2018, 130, 10936-10936. | 2.0 | 0 |