

# Jia Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

949  
citations

471509

17  
h-index

501196

28  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1404  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Controlled release of anticancer drug using graphene oxide as a drug-binding effector in konjac glucomannan/sodium alginate hydrogels. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 113, 223-229.  | 5.0  | 167       |
| 2  | Effects of surface functionalized graphene oxide on the behavior of sodium alginate. <i>Carbohydrate Polymers</i> , 2015, 117, 616-623.   | 10.2 | 83        |
| 3  | Axial chiral aggregation-induced emission luminogens with aggregation-annihilated circular dichroism effect. <i>Journal of Materials Chemistry C</i> , 2015, 3, 5162-5166.  | 5.5  | 76        |
| 4  | In situ monitoring of molecular aggregation using circular dichroism. <i>Nature Communications</i> , 2018, 9, 4961.   | 12.8 | 70        |
| 5  | Preparation of Multifunctional Hyperbranched Poly( $\beta$ -aminoacrylate)s by Spontaneous Amino-yne Click Polymerization. <i>Macromolecules</i> , 2020, 53, 5248-5254.   | 4.8  | 48        |
| 6  | Properties and structural characterization of oxide starch/chitosan/graphene oxide biodegradable nanocomposites. <i>Journal of Applied Polymer Science</i> , 2012, 123, 2933-2944.  | 2.6  | 47        |
| 7  | Superbase catalyzed regio-selective polyhydroalkoxylation of alkynes: a facile route towards functional poly(vinyl ether)s. <i>Polymer Chemistry</i> , 2017, 8, 2713-2722.  | 3.9  | 47        |
| 8  | Strategy to Enhance the Luminescence of Lanthanide Ions Doped MgWO <sub>4</sub> Nanosheets through Incorporation of Carbon Dots. <i>Inorganic Chemistry</i> , 2018, 57, 8662-8672.  | 4.0  | 44        |
| 9  | Synthesis of 1,5-regioregular polytriazoles by efficient NMe <sub>4</sub> OH-mediated azide-alkyne click polymerization. <i>Polymer Chemistry</i> , 2015, 6, 5545-5549.   | 3.9  | 41        |
| 10 | Ethynylsulfone-Based Spontaneous Amino-yne Click Polymerization: A Facile Tool toward Regio- and Stereoregular Dynamic Polymers. <i>Macromolecules</i> , 2019, 52, 4526-4533.   | 4.8  | 41        |
| 11 | Recent progress in the applications of amino-yne click chemistry. <i>Polymer Chemistry</i> , 2021, 12, 2978-2986.   | 3.9  | 29        |
| 12 | Controllable synthesis of lanthanide Yb <sup>3+</sup> and Er <sup>3+</sup> co-doped AWO <sub>4</sub> (A = Ca, Sr, Ba) micro-structured materials: phase, morphology and up-conversion luminescence enhancement. <i>Dalton Transactions</i> , 2018, 47, 8611-8618. | 3.3  | 27        |
| 13 | Transition metal-free thiol-yne click polymerization toward <i>Z</i> -stereoregular poly(vinylene) Tj ETQq1 1 0.784314 rgBT /Overlo   | 3.9  | 26        |
| 14 | A colour-tunable chiral AlEgen: reversible coordination, enantiomer discrimination and morphology visualization. <i>Chemical Science</i> , 2016, 7, 6106-6114.  | 7.4  | 22        |
| 15 | Controlled synthesis of 3D flower-like MgWO <sub>4</sub> :Eu <sup>3+</sup> hierarchical structures and fluorescence enhancement through introduction of carbon dots. <i>CrystEngComm</i> , 2018, 20, 608-614.   | 2.6  | 22        |
| 16 | Pseudo-bi-enzyme glucose sensor: ZnS hollow spheres and glucose oxidase concerted catalysis glucose. <i>Analyst</i> , The, 2013, 138, 3259.   | 3.5  | 20        |
| 17 | Effects of organic chain length of layered zirconium phosphonate on the structure and properties of castor oil-based polyurethane nanocomposites. <i>Composites Science and Technology</i> , 2012, 72, 915-923.   | 7.8  | 18        |
| 18 | Palladium/Benzoic Acid-Catalyzed Regio- and Stereoselective Polymerization of Internal Dienes and Diols through C(sp <sup>3</sup> )-H Activation. <i>ACS Macro Letters</i> , 2019, 8, 1068-1074.  | 4.8  | 18        |

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|----|---|-----|-----------|
| 19 | Efficient and Regioselectivity-Tunable Metal-Free Polycycloaddition of Activated Azide and Alkynes. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1600620.   | 3.9 | 16        |
| 20 | Aggregation-Induced Emission-Active Biomacromolecules: Progress, Challenges, and Opportunities. <i>Biomacromolecules</i> , 2022, 23, 2185-2196.   | 5.4 | 14        |
| 21 | C(sp <sup>3</sup> ) <sup>H</sup> Polyamination of Internal Alkynes toward Regio- and Stereoregular Functional Poly(allylic tertiary amine)s. <i>Macromolecules</i> , 2020, 53, 3358-3369.                     | 4.8 | 13        |
| 22 | Multicomponent Polymerizations Involving Green Monomers. <i>Macromolecular Rapid Communications</i> , 2021, 42, e2000547.   | 3.9 | 12        |
| 23 | Color-tunable, self-healing albumin-based lanthanide luminescent hydrogels fabricated by reductant-triggered gelation. <i>International Journal of Biological Macromolecules</i> , 2022, 195, 530-537.        | 7.5 | 11        |
| 24 | Properties and structural characterization of chitosan/poly(vinyl alcohol)/graphene oxide nano composites. <i>E-Polymers</i> , 2012, 12, .  | 3.0 | 9         |
| 25 | Properties and structural characterization of chitosan/graphene oxide biocomposites. <i>Bio-Medical Materials and Engineering</i> , 2012, 22, 129-135.  | 0.6 | 9         |
| 26 | CO <sub>2</sub> -Involved and Isocyanide-Based Three-Component Polymerization toward Functional Heterocyclic Polymers with Self-Assembly and Sensing Properties. <i>Macromolecules</i> , 2021, 54, 4112-4119. | 4.8 | 9         |
| 27 | Activated Internal Alkyne-Based Polymerization. <i>Chinese Journal of Chemistry</i> , 2022, 40, 2001-2013.  | 4.9 | 9         |
| 28 | Electrochemical perspective on the size-dependent density of states at single graphene flake. <i>Electrochemistry Communications</i> , 2018, 95, 14-17.   | 4.7 | 1         |
| 29 | Imidazole-based Cu(I)-catalyzed click polymerization of diazides and diynes under mild conditions. <i>Polymer Chemistry</i> , 2021, 12, 1078-1085.  | 3.9 | 0         |
| 30 | Non-Enzymatic Electrochemical Hydrogen Peroxide Sensor Based on Copper Oxide Hollow Microspheres. <i>Sensor Letters</i> , 2013, 11, 1945-1949.  | 0.4 | 0         |