# Wei Wang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8508546/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 38 papers | 2,041 citations | 279798 23 h-index | 361022 35 g-index |
| 40 all docs | 40 docs citations | 40 times ranked | 2043 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Supramolecular transformations within discrete coordination-driven supramolecular architectures. Chemical Society Reviews, 2016, 45, 2656-2693. | 38.1 | 507 |
| 2 | Organometallic rotaxane dendrimers with fourth-generation mechanically interlocked branches. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 5597-5601. | 7.1 | 128 |
| 3 | Dual stimuli-responsive rotaxane-branched dendrimers with reversible dimension modulation. Nature Communications, 2018, 9, 3190. | 12.8 | 103 |
| 4 | AIEâ€Active Chiral [3]Rotaxanes with Switchable Circularly Polarized Luminescence. Angewandte Chemie - International Edition, 2021, 60, 9507-9515. | 13.8 | 95 |
| 5 | Artificial Lightâ€Harvesting Systems Based on AIEgenâ€branched Rotaxane Dendrimers for Efficient Photocatalysis. Angewandte Chemie - International Edition, 2021, 60, 18761-18768. | 13.8 | 93 |
| 6 | The construction of complex multicomponent supramolecular systems via the combination of orthogonal self-assembly and the self-sorting approach. Chemical Science, 2014, 5, 4554-4560. | 7.4 | 91 |
| 7 | Stimuliâ€Responsive Supramolecular Gels through Hierarchical Selfâ€Assembly of Discrete Rhomboidal Metallacycles. Chemistry - A European Journal, 2013, 19, 10094-10100. | 3.3 | 76 |
| 8 | Daisy Chain Dendrimers: Integrated Mechanically Interlocked Molecules with Stimuli-Induced Dimension Modulation Feature. Journal of the American Chemical Society, 2020, 142, 8473-8482. | 13.7 | 75 |
| 9 | Cross-linked supramolecular polymer metallogels constructed via a self-sorting strategy and their multiple stimulus-response behaviors. Chemical Communications, 2015, 51, 16813-16816. | 4.1 | 74 |
| 10 | Rotaxane-Branched Dendrimers with Enhanced Photosensitization. Journal of the American Chemical Society, 2020, 142, 16748-16756. | 13.7 | 68 |
| 11 | Linear neutral platinumâ€“acetylide moiety: beyond the links. Chemical Communications, 2014, 50, 5171-5186. | 4.1 | 65 |
| 12 | Construction of Ï€â€Surfaceâ€Metalated Pillar[5]arenes which Bind Anions via Anionâ€“Ï€ Interactions. Angewandte Chemie - International Edition, 2017, 56, 14438-14442. | 13.8 | 64 |
| 13 | Synthetic 2D Polymers: A Critical Perspective and a Look into the Future. Macromolecular Rapid Communications, 2019, 40, e1800719. | 3.9 | 62 |
| 14 | Construction of Type III-C Rotaxane-Branched Dendrimers and Their Anion-Induced Dimension Modulation Feature. Journal of the American Chemical Society, 2019, 141, 13923-13930. | 13.7 | 60 |
| 15 | When polymerization meets coordination-driven self-assembly: metallo-supramolecular polymers based on supramolecular coordination complexes. Chemical Society Reviews, 2021, 50, 7395-7417. | 38.1 | 60 |
| 16 | Heterorotaxanes. Chemical Communications, 2018, 54, 13303-13318. | 4.1 | 48 |
| 17 | Discrete Stimuliâ€Responsive Multirotaxanes with Supramolecular Cores Constructed through a Modular Approach. Chemistry - A European Journal, 2015, 21, 6286-6294. | 3.3 | 47 |
| 18 | Supramolecular Transformation of Metallacycle-linked Star Polymers Driven by Simple Phosphine Ligand-Exchange Reaction. Journal of the American Chemical Society, 2019, 141, 583-591. | 13.7 | 46 |

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|---|---|---|---|
| 19 | Rotaxane Dendrimers: Alliance between Giants. Accounts of Chemical Research, 2021, 54, 4091-4106. | 15.6 | 45 |
| 20 | Rotaxane-branched dendrimers with aggregation-induced emission behavior. Organic Chemistry Frontiers, 2019, 6, 1686-1691. | 4.5 | 28 |
| 21 | Dynamic artificial light-harvesting systems based on rotaxane dendrimers. Giant, 2020, 2, 100020. | 5.1 | 27 |
| 22 | Supramolecular Polymers Constructed through Self-sorting Hostâ€“Guest Interactions. Chemistry Letters, 2015, 44, 1040-1046. | 1.3 | 26 |
| 23 | AIEâ€Active Chiral [3]Rotaxanes with Switchable Circularly Polarized Luminescence. Angewandte Chemie, 2021, 133, 9593-9601. | 2.0 | 25 |
| 24 | In-situ nanospectroscopic imaging of plasmon-induced two-dimensional [4+4]-cycloaddition polymerization on Au(111). Nature Communications, 2021, 12, 4557. | 12.8 | 24 |
| 25 | Structure Elucidation of 2D Polymer Monolayers Based on Crystallization Estimates Derived from Tip-Enhanced Raman Spectroscopy (TERS) Polymerization Conversion Data. Journal of the American Chemical Society, 2019, 141, 9867-9871. | 13.7 | 23 |
| 26 | Pyrene-based metallocycles and metallocages: more than fluorophores. Materials Chemistry Frontiers, 2020, 4, 3190-3200. | 5.9 | 13 |
| 27 | Dithienylethene metallodendrimers with high photochromic efficiency. Chinese Chemical Letters, 2022, 33, 1613-1618. | 9.0 | 12 |
| 28 | Construction of Ï€â€Surfaceâ€Metalated Pillar[5]arenes which Bind Anions via Anionâ€“Ï€ Interactions. Angewandte Chemie, 2017, 129, 14630-14634. | 2.0 | 10 |
| 29 | Facile synthesis of diverse rotaxanes via successive supramolecular transformations. Materials Chemistry Frontiers, 2019, 3, 2397-2402. | 5.9 | 10 |
| 30 | Artificial molecular machine at work: production of polyrotaxanes with precision. Science Bulletin, 2020, 65, 1964-1965. | 9.0 | 9 |
| 31 | Bottom-up chemical synthesis of three-dimensional conjugated carbon nanostructures: from carbon nanocages to carbon nanotubes. Organic Chemistry Frontiers, 2014, 1, 1005-1009. | 4.5 | 8 |
| 32 | Synthesis, structure elucidation and functionalization of sulfonamide [2]catenanes. Organic Chemistry Frontiers, 2021, 8, 4994-5001. | 4.5 | 6 |
| 33 | Molecular MÃ¶bius strips: twist for a bright future. Organic Chemistry Frontiers, 2022, 9, 4171-4177. | 4.5 | 5 |
| 34 | Artificial Lightâ€Harvesting Systems Based on AIEgenâ€branched Rotaxane Dendrimers for Efficient Photocatalysis. Angewandte Chemie, 2021, 133, 18909-18916. | 2.0 | 4 |
| 35 | Rotaxane-branched radical dendrimers with TEMPO termini. Chemical Communications, 2022, 58, 2006-2009. | 4.1 | 4 |
| 36 | Construction of Well-Defined Discrete Metallacycles and Their Biological Applications. , 2019, , 1-27. | | 0 |

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|---|---|---|---|
| 37 | CHAPTER 6. Supramolecular Transformations of Metallomacrocycles. Monographs in Supramolecular Chemistry, 2018, , 120-151. | 0.2 | 0 |
| 38 | Construction of Well-Defined Discrete Metallacycles and Their Biological Applications. , 2020, , 1045-1071. | | 0 |