

Weifeng Bu

List of Publications by Year in descending order

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47
papers

949
citations

394421

19
h-index

501196

28
g-index

49
all docs

49
docs citations

49
times ranked

932
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Micelles and Vesicles Formed by Polyoxometalate-Block Copolymer Composites. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 8281-8284. | 13.8 | 100 |
| 2 | Surfactant-Encapsulated Europium-Substituted Heteropolyoxotungstates: Structural Characterizations and Photophysical Properties. <i>Journal of Physical Chemistry B</i> , 2004, 108, 12776-12782. | 2.6 | 83 |
| 3 | Star-like supramolecular polymers fabricated by a Keplerate cluster with cationic terminated polymers and their self-assembly into vesicles. <i>Chemical Communications</i> , 2012, 48, 7067. | 4.1 | 39 |
| 4 | Concentration and acid-base controllable fluorescence of a metallosupramolecular polymer. <i>Chemical Communications</i> , 2014, 50, 10841-10844. | 4.1 | 34 |
| 5 | Fluorescence responsive conjugated poly(tetraphenylethene) and its morphological transition from micelle to vesicle. <i>Chemical Communications</i> , 2015, 51, 7148-7151. | 4.1 | 34 |
| 6 | Rhodium(I) Complex-Based Polymeric Nanomicelles in Water Exhibiting Coexistent Near-Infrared Phosphorescence Imaging and Anticancer Activity in Vivo. <i>Journal of the American Chemical Society</i> , 2020, 142, 2709-2714. | 13.7 | 32 |
| 7 | Self-Assembly of Polyoxometalate-Based Starlike Polymers in Solvents of Variable Quality: From Free-Standing Sheet to Vesicle. <i>Macromolecules</i> , 2014, 47, 7158-7168. | 4.8 | 31 |
| 8 | Luminescent polymeric hybrids formed by platinum(ii) complexes and block copolymers. <i>Chemical Communications</i> , 2011, 47, 9336. | 4.1 | 30 |
| 9 | Reversible luminescence switching accompanied by assembly-disassembly of metallosupramolecular amphiphiles based on a platinum(ⁱⁱ) complex. <i>Journal of Materials Chemistry C</i> , 2013, 1, 1130-1136. | 5.5 | 29 |
| 10 | Synthesis and characterization of a luminescence metallosupramolecular hyperbranched polymer. <i>Chemical Communications</i> , 2013, 49, 3333. | 4.1 | 28 |
| 11 | pH-Controlled Reversible Formation of a Supramolecular Hyperbranched Polymer Showing Fluorescence Switching. <i>Chemistry - A European Journal</i> , 2013, 19, 4922-4930. | 3.3 | 27 |
| 12 | Spherical Polymer Brushes in Solvents of Variable Quality: An Experimental Insight by TEM Imaging. <i>Langmuir</i> , 2013, 29, 4181-4186. | 3.5 | 26 |
| 13 | Amphiphilic miktoarm star copolymers can self-assemble into micelle-like aggregates in nonselective solvents: a case study of polyoxometalate based miktoarm stars. <i>Science China Chemistry</i> , 2020, 63, 792-801. | 8.2 | 23 |
| 14 | Tunable Interactions of Polyoxometalate-Based Brushlike Hybrids in Solvents of Variable Quality: From Self-Recognition to Supramolecular Recognition. <i>Langmuir</i> , 2013, 29, 10630-10634. | 3.5 | 21 |
| 15 | Self-Assembly of Star Micelle into Vesicle in Solvents of Variable Quality: The Star Micelle Retains Its Core-Shell Nanostructure in the Vesicle. <i>Langmuir</i> , 2015, 31, 2262-2268. | 3.5 | 21 |
| 16 | Multiple stimuli-responsive supramolecular gels constructed from metal-organic cycles. <i>Polymer Chemistry</i> , 2016, 7, 6288-6292. | 3.9 | 21 |
| 17 | Organic-inorganic hybrids formed by polyoxometalate-based surfactants with cationic polyelectrolytes and block copolymers. <i>Journal of Materials Chemistry C</i> , 2015, 3, 2450-2454. | 5.5 | 20 |
| 18 | Syntheses and Controllable Self-Assembly of Luminescence Platinum(II) Plane-Coil Diblock Copolymers. <i>Macromolecules</i> , 2017, 50, 2825-2837. | 4.8 | 20 |

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|----|--|------|-----------|
| 19 | Telechelic amphiphilic metallopolymers end-functionalized with platinum(<i>ii</i>) complexes: synthesis, luminescence enhancement, and their self-assembly into flowerlike vesicles and giant flowerlike vesicles. <i>Polymer Chemistry</i> , 2019, 10, 4477-4484. | 3.9 | 19 |
| 20 | Robust Hybrid Omniphobic Surface for Stain Resistance. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 14562-14568. | 8.0 | 19 |
| 21 | Phosphorescent and semiconductive fiber-like micelles formed by platinum(<i>ii</i>) complexes and block copolymers. <i>Journal of Materials Chemistry C</i> , 2017, 5, 12500-12506. | 5.5 | 18 |
| 22 | Synthesis of platinum(<i>ii</i>) complex end functionalized star polymers: luminescence enhancements and unimolecular micelles in solvents of weakened quality. <i>Polymer Chemistry</i> , 2017, 8, 4716-4728. | 3.9 | 16 |
| 23 | Stepwise self-assembly of a block copolymer-platinum(<i>ii</i>) complex hybrid in solvents of variable quality: from worm-like micelles to free-standing sheets to vesicle-like nanostructures. <i>Soft Matter</i> , 2017, 13, 4791-4798. | 2.7 | 15 |
| 24 | Sub-10 nm Scale Lamellar Structures with a High Degree of Long-Range Order Fabricated by Orthogonal Self-Assembly of Crown Ether/Secondary Dialkylammonium Recognition and Metal-Metal Interactions. <i>ACS Macro Letters</i> , 2019, 8, 1012-1016. | 4.8 | 15 |
| 25 | Synthesis and energy band characterization of hybrid molecular materials based on organic-polyoxometalate charge-transfer salts. <i>Journal of Solid State Chemistry</i> , 2014, 219, 93-98. | 2.9 | 14 |
| 26 | Acid-base-controlled and dibenzylammonium-assisted aggregation induced emission enhancement of poly(tetraphenylethene) with an impressive blue shift. <i>Polymer Chemistry</i> , 2016, 7, 3722-3730. | 3.9 | 14 |
| 27 | How do polymer molecular weights influence the luminescence properties of metal-containing polymers? A case study of platinum(<i>ii</i>) complex end-functionalized polymers. <i>Journal of Materials Chemistry C</i> , 2018, 6, 12187-12191. | 5.5 | 14 |
| 28 | Secondary dialkylammonium salt/crown ether [2]pseudorotaxanes as nanostructured platforms for proton transport. <i>Chemical Communications</i> , 2018, 54, 8092-8095. | 4.1 | 14 |
| 29 | Remarkable luminescence enhancement of chloroplatinum(<i>ii</i>) complexes of hexaethylene glycol methyl ether substituted 2,6-bis(benzimidazol-2-yl)pyridine in water triggered by PF6 ⁻ . <i>Dalton Transactions</i> , 2014, 43, 13174-13177. | 3.3 | 13 |
| 30 | Dynamic oil gels constructed by 1,2-dithiolane-containing telechelic polymers: An efficient and versatile platform for fabricating polymer-inorganic composites toward tribological applications. <i>Chemical Engineering Journal</i> , 2022, 430, 133097. | 12.7 | 12 |
| 31 | Tuning the luminescence behaviors of a chloroplatinum(<i>ii</i>) complex by component exchanges of dynamic acylhydrazone bonds. <i>Dalton Transactions</i> , 2015, 44, 66-70. | 3.3 | 11 |
| 32 | Supramolecular polymerization induced self-assembly into micelle and vesicle via acid-base controlled formation of fluorescence responsive supramolecular hyperbranched polymers. <i>Polymer Chemistry</i> , 2016, 7, 287-291. | 3.9 | 11 |
| 33 | Brush-like organic-inorganic hybrid polysiloxane surface with omniphobicity and extreme durability. <i>Progress in Organic Coatings</i> , 2021, 154, 106171. | 3.9 | 11 |
| 34 | Morphology-dependent AEE performance of conjugated poly(tetraphenylethene)s. <i>Journal of Materials Chemistry C</i> , 2017, 5, 3156-3166. | 5.5 | 10 |
| 35 | Coordination-driven micellization of block copolymers with gold(<i>i</i>) complexes induces remarkable phosphorescence enhancements with reversible mechanochromism. <i>Soft Matter</i> , 2018, 14, 31-34. | 2.7 | 10 |
| 36 | Polymer-Encapsulated Lanthanide-Containing Clusters as Platforms for Fabricating Magnetic Soft Materials. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 16947-16951. | 8.0 | 10 |

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|----|---|-----|-----------|
| 37 | Vesicle fusion intermediates obtained from the self-assembly of a cationic platinum(ii) complex with sulfonate terminated polystyrenes. <i>RSC Advances</i> , 2014, 4, 9750. | 3.6 | 7 |
| 38 | Chiral gold(I)-containing polymeric composites: chiroptical sensing and circularly polarized luminescence. <i>Journal of Organometallic Chemistry</i> , 2021, 931, 121616. | 1.8 | 7 |
| 39 | A reversible cross-linked polymer network based on conjugated polypseudorotaxanes. <i>RSC Advances</i> , 2014, 4, 51754-51757. | 3.6 | 6 |
| 40 | Sub-millimeter free-suspended sheets formed by polyoxometalates with polyelectrolytes. <i>Journal of Materials Chemistry C</i> , 2014, 2, 5271-5274. | 5.5 | 6 |
| 41 | Synthesis, luminescence enhancement, and self-assembly behaviours of platinum(II)-containing ABC triblock metallopolymers. <i>Journal of Materials Chemistry C</i> , 2020, 8, 15616-15621. | 5.5 | 6 |
| 42 | Intensely phosphorescent block copolymer micelles containing gold(I) complexes. <i>Soft Matter</i> , 2018, 14, 3521-3527. | 2.7 | 5 |
| 43 | Synthesis and hierarchical self-assembly of luminescent platinum(II)-containing telechelic metallopolymers. <i>Polymer Chemistry</i> , 2021, 12, 5191-5200. | 3.9 | 5 |
| 44 | Going beyond the classical amphiphilicity paradigm: the self-assembly of completely hydrophobic polymers into free-standing sheets and hollow nanostructures in solvents of variable quality. <i>Soft Matter</i> , 2016, 12, 5011-5021. | 2.7 | 4 |
| 45 | E/Z isomerization effects on aggregation-enhanced emission of tetraphenylethene derivatives assisted by host-guest recognition. <i>RSC Advances</i> , 2017, 7, 38581-38585. | 3.6 | 4 |
| 46 | Hierarchical self-assembly of miktoarm star copolymers with pathway complexity. <i>Polymer Chemistry</i> , 2021, 12, 1476-1486. | 3.9 | 4 |
| 47 | Dynamic metallopolymer networks: a protocol to quantify Pt(II)-Pt(II) and π - π stacking interactions. <i>Journal of Materials Chemistry C</i> , 2021, 9, 15422-15427. | 5.5 | 4 |