

Weifeng Bu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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
2	Chiral gold(I)-containing polymeric composites: chiroptical sensing and circularly polarized luminescence. <i>Journal of Organometallic Chemistry</i> , 2021, 931, 121616.	1.8	7
3	Hierarchical self-assembly of miktoarm star copolymers with pathway complexity. <i>Polymer Chemistry</i> , 2021, 12, 1476-1486.	3.9	4
4	Robust Hybrid Omniphobic Surface for Stain Resistance. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 14562-14568.	8.0	19
5	Brush-like organic-inorganic hybrid polysiloxane surface with omniphobicity and extreme durability. <i>Progress in Organic Coatings</i> , 2021, 154, 106171.	3.9	11
6	Synthesis and hierarchical self-assembly of luminescent platinum(Pt^{II})-containing telechelic metallopolymers. <i>Polymer Chemistry</i> , 2021, 12, 5191-5200.	3.9	5
7	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
8	Synthesis, luminescence enhancement, and self-assembly behaviours of platinum(Pt^{II})-containing ABC triblock metallopolymers. <i>Journal of Materials Chemistry C</i> , 2020, 8, 15616-15621.	5.5	6
9	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
10	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
11	Telechelic amphiphilic metallopolymers end-functionalized with platinum(Pt^{II}) 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
12	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
13	Intensely phosphorescent block copolymer micelles containing gold(Au^{I}) complexes. <i>Soft Matter</i> , 2018, 14, 3521-3527.	2.7	5
14	Coordination-driven micellization of block copolymers with gold(Au^{I}) complexes induces remarkable phosphorescence enhancements with reversible mechanochromism. <i>Soft Matter</i> , 2018, 14, 31-34.	2.7	10
15	How do polymer molecular weights influence the luminescence properties of metal-containing polymers? A case study of platinum(Pt^{II}) complex end-functionalized polymers. <i>Journal of Materials Chemistry C</i> , 2018, 6, 12187-12191.	5.5	14
16	Secondary dialkylammonium salt/crown ether [2]pseudorotaxanes as nanostructured platforms for proton transport. <i>Chemical Communications</i> , 2018, 54, 8092-8095.	4.1	14
17	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
18	Morphology-dependent AEE performance of conjugated poly(tetraphenylethene)s. <i>Journal of Materials Chemistry C</i> , 2017, 5, 3156-3166.	5.5	10

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19	Stepwise self-assembly of a block copolymerâ€“platinum(II) 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
20	Syntheses and Controllable Self-Assembly of Luminescence Platinum(II) Planeâ€“Coil Diblock Copolymers. <i>Macromolecules</i> , 2017, 50, 2825-2837.	4.8	20
21	E/Z isomerization effects on aggregation-enhanced emission of tetraphenylethene derivatives assisted by hostâ€“guest recognition. <i>RSC Advances</i> , 2017, 7, 38581-38585.	3.6	4
22	Synthesis of platinum(II) 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	Phosphorescent and semiconductive fiber-like micelles formed by platinum(II) complexes and block copolymers. <i>Journal of Materials Chemistry C</i> , 2017, 5, 12500-12506.	5.5	18
24	Acidâ€“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
25	Multiple stimuli-responsive supramolecular gels constructed from metalâ€“organic cycles. <i>Polymer Chemistry</i> , 2016, 7, 6288-6292.	3.9	21
26	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
27	Supramolecular polymerization induced self-assembly into micelle and vesicle via acidâ€“base controlled formation of fluorescence responsive supramolecular hyperbranched polymers. <i>Polymer Chemistry</i> , 2016, 7, 287-291.	3.9	11
28	Organicâ€“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
29	Self-Assembly of Star Micelle into Vesicle in Solvents of Variable Quality: The Star Micelle Retains Its Coreâ€“Shell Nanostructure in the Vesicle. <i>Langmuir</i> , 2015, 31, 2262-2268.	3.5	21
30	Fluorescence responsive conjugated poly(tetraphenylethene) and its morphological transition from micelle to vesicle. <i>Chemical Communications</i> , 2015, 51, 7148-7151.	4.1	34
31	Tuning the luminescence behaviors of a chloroplatinum(II) complex by component exchanges of dynamic acylhydrazone bonds. <i>Dalton Transactions</i> , 2015, 44, 66-70.	3.3	11
32	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
33	Remarkable luminescence enhancement of chloroplatinum(II) complexes of hexaethylene glycol methyl ether substituted 2,6-bis(benzimidazol-2-yl)pyridine in water triggered by PF ₆ ⁻ . <i>Dalton Transactions</i> , 2014, 43, 13174-13177.	3.3	13
34	A reversible cross-linked polymer network based on conjugated polypseudorotaxanes. <i>RSC Advances</i> , 2014, 4, 51754-51757.	3.6	6
35	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
36	Synthesis and energy band characterization of hybrid molecular materials based on organicâ€“polyoxometalate charge-transfer salts. <i>Journal of Solid State Chemistry</i> , 2014, 219, 93-98.	2.9	14

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37	Concentration and acid–base controllable fluorescence of a metallosupramolecular polymer. <i>Chemical Communications</i> , 2014, 50, 10841-10844.	4.1	34
38	Sub-millimeter free-suspended sheets formed by polyoxometalates with polyelectrolytes. <i>Journal of Materials Chemistry C</i> , 2014, 2, 5271-5274.	5.5	6
39	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
40	Synthesis and characterization of a luminescence metallosupramolecular hyperbranched polymer. <i>Chemical Communications</i> , 2013, 49, 3333.	4.1	28
41	Spherical Polymer Brushes in Solvents of Variable Quality: An Experimental Insight by TEM Imaging. <i>Langmuir</i> , 2013, 29, 4181-4186.	3.5	26
42	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
43	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
44	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
45	Luminescent polymeric hybrids formed by platinum(II) complexes and block copolymers. <i>Chemical Communications</i> , 2011, 47, 9336.	4.1	30
46	Micelles and Vesicles Formed by Polyoxometalate–Block Copolymer Composites. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 8281-8284.	13.8	100
47	Surfactant-Encapsulated Europium-Substituted Heteropolyoxotungstates: Structural Characterizations and Photophysical Properties. <i>Journal of Physical Chemistry B</i> , 2004, 108, 12776-12782.	2.6	83