

Manas Kumar Bera

List of Publications by Year in descending order

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papers

681
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687363

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#	ARTICLE	IF	CITATIONS
1	Charge-Transfer-Induced Fluorescence Quenching of Anthracene Derivatives and Selective Detection of Picric Acid. <i>Chemistry - A European Journal</i> , 2016, 22, 2012-2019.	3.3	106
2	Solid-state emissive organic chromophores: design, strategy and building blocks. <i>Journal of Materials Chemistry C</i> , 2020, 8, 788-802.	5.5	102
3	Construction of Coordination Nanosheets Based on Tris(2,2'-bipyridine)-Iron (Fe ²⁺) Complexes as Potential Electrochromic Materials. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 11893-11903.	8.0	61
4	Fluorene-based chemodosimeter for "turn-on" sensing of cyanide by hampering ESIPT and live cell imaging. <i>Journal of Materials Chemistry B</i> , 2014, 2, 4733.	5.8	54
5	Constructing Alternated Heterobimetallic [Fe(II)/Os(II)] Supramolecular Polymers with Diverse Solubility for Facile Fabrication of Voltage-Tunable Multicolor Electrochromic Devices. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 14376-14385.	8.0	38
6	Amphiphilic and Thermo-responsive Conjugated Block Copolymer with Its Solvent Dependent Optical and Photoluminescence Properties: Toward Sensing Applications. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 12348-12354.	8.0	36
7	Dual-Branched Dense Hexagonal Fe(II)-Based Coordination Nanosheets with Red-to-Colorless Electrochromism and Durable Device Fabrication. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 31896-31903.	8.0	36
8	Thermally stable electrochromic devices using Fe(II)-based metallo-supramolecular polymer. <i>Solar Energy Materials and Solar Cells</i> , 2019, 200, 110000.	6.2	34
9	Electrochromic Os(II)-Based Metallo-Supramolecular Polymers. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1800415.	3.9	33
10	Solid state emissive organic fluorophores with remarkable broad color tunability based on aryl-substituted buta-1,3-diene as the central core. <i>Journal of Materials Chemistry C</i> , 2017, 5, 6872-6879.	5.5	23
11	Stepwise introduction of three different transition metals in metallo-supramolecular polymer for quad-color electrochromism. <i>Communications Chemistry</i> , 2021, 4, .	4.5	20
12	Selective detection of cyanide by a polyfluorene-based organoboron fluorescent chemodosimeter. <i>New Journal of Chemistry</i> , 2013, 37, 3222.	2.8	16
13	Vice versa donor acceptor fluorene-ferrocene alternate copolymer: a twisted ribbon for electrical switching. <i>Chemical Communications</i> , 2015, 51, 13123-13126.	4.1	16
14	Precise Synthesis of Alternate Fe(II)/Os(II)-Based Bimetallic Metallo-Supramolecular Polymer. <i>Macromolecular Rapid Communications</i> , 2020, 41, 1900384.	3.9	15
15	Electrochromic coordination nanosheets: Achievements and future perspective. <i>Coordination Chemistry Reviews</i> , 2022, 454, 214353.	18.8	15
16	Proton Conductivity of Metallo-Supramolecular Polymer Boosted by Lithium Ions. <i>ACS Applied Polymer Materials</i> , 2020, 2, 326-334.	4.4	14
17	How the stereochemistry decides the selectivity: an approach towards metal ion detection. <i>New Journal of Chemistry</i> , 2015, 39, 9207-9214.	2.8	11
18	Simple synthesis of end functionalized regioregular poly(3-hexyl thiophene) by catalytic-initiated Kumada catalyst transfer polymerization. <i>Journal of Polymer Science Part A</i> , 2019, 57, 945-951.	2.3	11

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19	A polyfluorene based zwitterionic fluorescent probe for response towards biological species in aqueous media. <i>New Journal of Chemistry</i> , 2014, 38, 3522-3528.	2.8	9
20	Enhanced Charge Carrier Mobility and Tailored Luminescence of n-type Organic Semiconductor through Block Copolymer Supramolecular Assembly. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, 1600508.	2.2	7
21	Synthesis of an Alternated Heterobimetallic Supramolecular Polymer Based on Ru(II) and Fe(II). <i>Molecules</i> , 2020, 25, 5261.	3.8	6
22	Electrochromic Os-based metallo-supramolecular polymers: electronic state tracking by <i>in situ</i> XAFS, IR, and impedance spectroscopies. <i>RSC Advances</i> , 2020, 10, 24691-24696.	3.6	6
23	Ni(II)-Based Metallosupramolecular Polymer with Carboxylic Acid Groups: A Stable Platform for Smooth Imidazole Loading and the Anhydrous Proton Channel Formation. <i>ACS Omega</i> , 2020, 5, 14796-14804.	3.5	5
24	Nanocomposites of Fe(II)-Based Metallo-Supramolecular Polymer and a Layered Inorganic-Organic Hybrid for Improved Electrochromic Materials. <i>Polymers</i> , 2022, 14, 915.	4.5	4
25	Salen-based enantiomeric polymers for enantioselective recognition. <i>New Journal of Chemistry</i> , 2016, 40, 8074-8080.	2.8	3