

Huaijun Tang

List of Publications by Year in descending order

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29
papers

375
citations

840776

11
h-index

839539

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all docs

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29
times ranked

437
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#	ARTICLE	IF	CITATIONS
1	Two novel orange cationic iridium(III) complexes with multifunctional ancillary ligands used for polymer light-emitting diodes. <i>Organic Electronics</i> , 2012, 13, 3211-3219.	2.6	38
2	Efficient yellow-green light-emitting cationic iridium complexes based on 1,10-phenanthroline derivatives containing oxadiazole-triphenylamine unit. <i>Dyes and Pigments</i> , 2014, 100, 79-86.	3.7	38
3	Synthesis, photoluminescent and electroluminescent properties of a novel europium(III) complex involving both hole- and electron-transporting functional groups. <i>Synthetic Metals</i> , 2009, 159, 72-77.	3.9	25
4	Application of a novel cationic iridium(III) complex as a red phosphor in warm white light-emitting diodes. <i>New Journal of Chemistry</i> , 2015, 39, 9535-9542.	2.8	25
5	Novel yellow phosphorescent iridium complexes containing a carbazole-oxadiazole unit used in polymeric light-emitting diodes. <i>Dyes and Pigments</i> , 2011, 91, 413-421.	3.7	21
6	Three cationic iridium(III) complexes with 1,10-phenanthroline or compounds containing 1,10-phenanthroline unit as auxiliary ligands: Synthesis and application in polymer light-emitting diodes. <i>Dyes and Pigments</i> , 2016, 131, 340-348.	3.7	21
7	The Photoluminescent Properties of New Cationic Iridium(III) Complexes Using Different Anions and Their Applications in White Light-Emitting Diodes. <i>Materials</i> , 2015, 8, 6105-6116.	2.9	16
8	A highly-efficient blue-light excitable red phosphor: intramolecular π -stacking interactions in one dinuclear europium(III) complex. <i>Dalton Transactions</i> , 2016, 45, 2839-2844.	3.3	15
9	Novel heteroleptic iridium(III) complexes with a 2-(1H-pyrazol-5-yl)pyridine derivative containing a carbazole group as ancillary ligand: Synthesis and application for polymer light-emitting diodes. <i>Synthetic Metals</i> , 2014, 187, 209-216.	3.9	12
10	A novel cationic iridium(III) complex with a thiorhodamine-based auxiliary ligand: application for luminescent and colorimetric detection of Hg^{2+} in an aqueous solution. <i>New Journal of Chemistry</i> , 2017, 41, 8312-8319.	2.8	12
11	A sp ² -carbon-linked covalent organic framework containing tetraphenylethene units used as yellow phosphors in white light-emitting diodes. <i>Polymer</i> , 2022, 241, 124474.	3.8	12
12	A novel heteroleptic iridium complex with multifunctional ligands used for polymeric light-emitting diodes. <i>Optical Materials</i> , 2011, 33, 1291-1296.	3.6	11
13	Lanthanide Coordination Polymers as Luminescent Sensors for the Selective and Recyclable Detection of Acetone. <i>Crystals</i> , 2017, 7, 199.	2.2	11
14	Structure effect of carbazole-oxadiazole based organic small molecule hosts on the solution-processed phosphorescent OLEDs performance. <i>Journal of Luminescence</i> , 2018, 195, 31-39.	3.1	11
15	Warm White Light-Emitting Diodes Based on a Novel Orange Cationic Iridium(III) Complex. <i>Materials</i> , 2017, 10, 657.	2.9	10
16	Structural evolution of organic-inorganic hybrid crystals for high colour-rendering white LEDs. <i>Chemical Communications</i> , 2022, 58, 4596-4598.	4.1	10
17	Synthesis, thermal, photoluminescent, and electroluminescent properties of a novel quaternary Eu(III) complex containing a carbazole hole-transporting functional group. <i>Journal of Materials Science: Materials in Electronics</i> , 2009, 20, 597-603.	2.2	9
18	Synthesis of a novel β -diketone containing carbazole and 2,5-diphenyl-1,3,4-oxadiazole fragments. <i>Russian Journal of Organic Chemistry</i> , 2009, 45, 559-563.	0.8	9

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19	Application of a novel red-emitting cationic iridium(III) coordination polymer in warm white light-emitting diodes. <i>Optical Materials</i> , 2018, 76, 141-146.	3.6	9
20	Selective, sensitive, and recyclable sensing of ascorbic acid in water based on a water-stable Zn (II) coordination polymer. <i>Inorganic Chemistry Communication</i> , 2019, 104, 129-133.	3.9	9
21	Polymer light-emitting diodes based on cationic iridium(III) complexes with a 1,10-phenanthroline derivative containing a bipolar carbazole-oxadiazole unit as the auxiliary ligand. <i>Optical Materials</i> , 2014, 37, 679-687.	3.6	8
22	Application of an orange-yellow emitting cationic iridium(III) complex in GaN-based warm white light-emitting diodes. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 1554-1561.	2.2	7
23	A novel reddish-orange-emitting cationic iridium(III) complex containing a carbazole-triazine bipolar unit: Synthesis and application in neutral/warm white light-emitting diodes. <i>Optical Materials</i> , 2020, 110, 110382.	3.6	7
24	Naphthyl-modified graphitic carbon nitride: Preparation and application in light-emitting diodes. <i>Journal of Luminescence</i> , 2022, 244, 118734.	3.1	7
25	Selective and Recyclable Sensing of Aqueous Phase 2,4,6-Trinitrophenol (TNP) Based on Cd(II) Coordination Polymer with Zwitterionic Ligand. <i>Crystals</i> , 2018, 8, 456.	2.2	6
26	A new cationic iridium(III) complex applied as the luminescence conversion material in InGaN-based light-emitting diodes. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 2824-2829.	2.2	5
27	A Novel Polymethyl Methacrylate Derivative Grafted with Cationic Iridium(III) Complex Units: Synthesis and Application in White Light-Emitting Diodes. <i>Polymers</i> , 2019, 11, 499.	4.5	5
28	A cationic iridium(III) complex containing a thiosemicarbazide unit: Synthesis and application for turn-on chemiluminescent detection of Hg ²⁺ . <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 279, 121396.	3.9	4
29	Composites of a reddish-orange-emitting cationic iridium(III) complex doped in silica gel: preparation and application in neutral/warm white light-emitting diodes. <i>Optical Materials</i> , 2022, 124, 112020.	3.6	2