Huaijun Tang

List of Publications by Year
in descending order

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		840776	839539
29	375	11	18
papers	citations	h-index	g-index

29	29	29	437
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A sp2-carbon-linked covalent organic framework containing tetraphenylethene units used as yellow phosphors in white light-emitting diodes. Polymer, 2022, 241, 124474.	3.8	12
2	Composites of a reddish-orange-emitting cationic iridium(III) complex doped in silica gel: preparation and application in neutral/warm white light-emitting diodes. Optical Materials, 2022, 124, 112020.	3.6	2
3	Naphthyl-modified graphitic carbon nitride: Preparation and application in light-emitting diodes. Journal of Luminescence, 2022, 244, 118734.	3.1	7
4	Structural evolution of organicâ€“inorganic hybrid crystals for high colour-rendering white LEDs. Chemical Communications, 2022, 58, 4596-4598.	4.1	10
5	A cationic iridium(III) complex containing a thiosemicarbazide unit: Synthesis and application for turn-on chemiluminescent detection of Hg2+. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 279, 121396.	3.9	4
6	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. Optical Materials, 2020, 110, 110382.	3.6	7
7	A Novel Polymethyl Methacrylate Derivative Grafted with Cationic Iridium(III) Complex Units: Synthesis and Application in White Light-Emitting Diodes. Polymers, 2019, 11, 499.	4.5	5
8	Selective, sensitive, and recyclable sensing of ascorbic acid in water based on a water-stable Zn (II) coordination polymer. Inorganic Chemistry Communication, 2019, 104, 129-133.	3.9	9
9	Application of a novel red-emitting cationic iridium(III) coordination polymer in warm white light-emitting diodes. Optical Materials, 2018, 76, 141-146.	3.6	9
10	Application of an orangeâ€“yellow emitting cationic iridium(III) complex in GaN-based warm white light-emitting diodes. Journal of Materials Science: Materials in Electronics, 2018, 29, 1554-1561.	2.2	7
11	Structure effect of carbazole-oxadiazole based organic small molecule hosts on the solution-processed phosphorescent OLEDs performance. Journal of Luminescence, 2018, 195, 31-39.	3.1	11
12	Selective and Recyclable Sensing of Aqueous Phase 2,4,6-Trinitrophenol (TNP) Based on Cd(II) Coordination Polymer with Zwitterionic Ligand. Crystals, 2018, 8, 456.	2.2	6
13	A novel cationic iridium(<scp>iii</scp>) complex with a thiorhodamine-based auxiliary ligand: application for luminescent and colorimetric detection of Hg²⁺in an aqueous solution. New Journal of Chemistry, 2017, 41, 8312-8319.	2.8	12
14	Warm White Light-Emitting Diodes Based on a Novel Orange Cationic Iridium(III) Complex. Materials, 2017, 10, 657.	2.9	10
15	Lanthanide Coordination Polymers as Luminescent Sensors for the Selective and Recyclable Detection of Acetone. Crystals, 2017, 7, 199.	2.2	11
16	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. Dyes and Pigments, 2016, 131, 340-348.	3.7	21
17	A highly-efficient blue-light excitable red phosphor: intramolecular Ï€-stacking interactions in one dinuclear europium(iii) complex. Dalton Transactions, 2016, 45, 2839-2844.	3.3	15
18	The Photoluminescent Properties of New Cationic Iridium(III) Complexes Using Different Anions and Their Applications in White Light-Emitting Diodes. Materials, 2015, 8, 6105-6116.	2.9	16

#	Article	IF	Citations
19	A new cationic iridium(III) complex applied as the luminescence conversion material in InGaN-based light-emitting diodes. Journal of Materials Science: Materials in Electronics, 2015, 26, 2824-2829.	2.2	5
20	Application of a novel cationic iridium(<scp>iii</scp>) complex as a red phosphor in warm white light-emitting diodes. New Journal of Chemistry, 2015, 39, 9535-9542.	2.8	25
21	Efficient yellowâ€“green light-emitting cationic iridium complexes based on 1,10-phenanthroline derivatives containing oxadiazole-triphenylamine unit. Dyes and Pigments, 2014, 100, 79-86.	3.7	38
22	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. Synthetic Metals, 2014, 187, 209-216.	3.9	12
23	Polymer light-emitting diodes based on cationic iridium(III) complexes with a 1,10-phenanthroline derivative containing a bipolar carbazoleâ€“oxadiazole unit as the auxiliary ligand. Optical Materials, 2014, 37, 679-687.	3.6	8
24	Two novel orange cationic iridium(III) complexes with multifunctional ancillary ligands used for polymer light-emitting diodes. Organic Electronics, 2012, 13, 3211-3219.	2.6	38
25	Novel yellow phosphorescent iridium complexes containing a carbazoleâ€“oxadiazole unit used in polymeric light-emitting diodes. Dyes and Pigments, 2011, 91, 413-421.	3.7	21
26	A novel heteroleptic iridium complex with multifunctional ligands used for polymeric light-emitting diodes. Optical Materials, 2011, 33, 1291-1296.	3.6	11
27	Synthesis, thermal, photoluminescent, and electroluminescent properties of a novel quaternary Eu(III) complex containing a carbazole hole-transporting functional group. Journal of Materials Science: Materials in Electronics, 2009, 20, 597-603.	2.2	9
28	Synthesis of a novel Î²-diketone containing carbazole and 2,5-diphenyl-1,3,4-oxadiazole fragments. Russian Journal of Organic Chemistry, 2009, 45, 559-563.	0.8	9
29	Synthesis, photoluminescent and electroluminescent properties of a novel europium(III) complex involving both hole- and electron-transporting functional groups. Synthetic Metals, 2009, 159, 72-77.	3.9	25