Wenyue Dong

List of Publications by Year
in descending order

19	493	687363 13	794594 19
papers	citations	h-index	g-index

19	19	19	617
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Aggregation induced emission and amplified explosive detection of tetraphenylethylene-substituted polycarbazoles. Polymer Chemistry, 2014, 5, 4048.	3.9	104
2	High sensitivity sensing of nitroaromatic explosive vapors based on polytriphenylamines with AIEâ€active tetraphenylethylene side groups. Journal of Polymer Science Part A, 2015, 53, 1753-1761.	2.3	47
3	Aggregation-Induced Emission in Phenothiazineâ€“TPE and â^'TPAN Polymers. Macromolecules, 2018, 51, 8501-8512.	4.8	39
4	Iridium complex grafted to 3,6â€carbazoleâ€altâ€tetraphenylsilane copolymers for blue electrophosphorescence. Journal of Polymer Science Part A, 2010, 48, 1859-1865.	2.3	37
5	Conjugated polymers containing tetraphenylethylene in the backbones and side-chains for highly sensitive TNT detection. RSC Advances, 2018, 8, 5760-5767.	3.6	32
6	Preparation of stable crosslinked polyelectrolyte and the application for humidity sensing. Sensors and Actuators B: Chemical, 2018, 272, 14-20.	7.8	31
7	Polycarbazoles and polytriphenylamines showing aggregation-induced emission (AIE) and intramolecular charge transfer (ICT) behavior for the optical detection of nitroaromatic compounds. Polymer, 2015, 76, 173-181.	3.8	29
8	Crosslinked fluorescent conjugated polymer nanoparticles for high performance explosive sensing in aqueous media. Dyes and Pigments, 2018, 159, 128-134.	3.7	28
9	Carbazole and tetraphenylethylene based AIE-active conjugated polymer for highly sensitive TNT detection. Materials Letters, 2019, 236, 480-482.	2.6	26
10	Dendritic host materials with non-conjugated adamantane cores for efficient solution-processed blue thermally activated delayed fluorescence OLEDs. Journal of Materials Chemistry C, 2019, 7, 11845-11850.	5.5	23
11	PL sensor for sensitive and selective detection of 2,4,6-trinitrophenol based on carbazole and tetraphenylsilane polymer. Dyes and Pigments, 2021, 191, 109379.	3.7	18
12	Phosphorescent iridium(III) complex based photoluminescence sensor for sensitive and selective detection of picric acid. Dyes and Pigments, 2020, 172, 107799.	3.7	15
13	Alkoxy encapsulation of carbazole-based thermally activated delayed fluorescent dendrimers for highly efficient solution-processed organic light-emitting diodes. Chinese Chemical Letters, 2021, 32, 703-707.	9.0	14
14	Restricted Aggregate Formation on Tetraphenylethene-Substituted Polythiophenes. Journal of Physical Chemistry C, 2020, 124, 13956-13965.	3.1	13
15	Reduced graphene oxide/TiO₂(B) nanocomposite-modified separator as an efficient inhibitor of polysulfide shuttling in Liâ€“S batteries. RSC Advances, 2020, 10, 4538-4544.	3.6	12
16	Cyclohexane-cored dendritic host materials with high triplet energy for efficient solution-processed blue thermally activated delayed fluorescence OLEDs. Dyes and Pigments, 2020, 174, 108097.	3.7	9
17	Polyfluorene based fluorescent sensor for sensitive and selective detection of picric acid. Materials Letters, 2022, 306, 130860.	2.6	7
18	Synthesis of phosphorescent iridium(III) complex containing carbazole and its sensing property towards nitro-aromatic compounds. Materials Letters, 2019, 249, 120-123.	2.6	6

#	Article	IF	Citations
19	Efficient Red Phosphorescent Polymers with Trap-Assisted Charge Balance: Molecular Design, Synthesis, and Electroluminescent Properties. ACS Applied Materials & Interfaces, 2019, 11, 18730-18738.	8.0	3