

Peddaboodi Gopikrishna

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Substantial efficiency enhancement in solution processed phosphorescent light emitting diode with polymer host: Efficient optimization of charge balance and processing conditions. <i>Journal of Physics and Chemistry of Solids</i> , 2022, 163, 110577.	4.0	4
2	Stimuli-Responsive Trimorphs and Charge-Transfer Complexes of a Twisted Molecular Donor. <i>Langmuir</i> , 2021, 37, 8024-8036.	3.5	5
3	Positional Effect of the 2-Ethylhexyl Carboxylate Side Chain on the Thiophene Ĩ-Bridge of Nonfullerene Acceptors for Efficient Organic Solar Cells. <i>ACS Applied Energy Materials</i> , 2021, 4, 11675-11683.	5.1	5
4	White light emitting diode based on purely organic fluorescent to modern thermally activated delayed fluorescence (TADF) and perovskite materials. <i>Nano Convergence</i> , 2019, 6, 31.	12.1	31
5	Solution Processed Donor-acceptor Polymer Based Electrical Memory Device with High On/Off Ratio and Tunable Properties. <i>ACS Applied Electronic Materials</i> , 2019, 1, 600-607.	4.3	31
6	Functional 1,8-Naphthalimide AIE/AIEEgens: Recent Advances and Prospects. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 12081-12111.	8.0	233
7	Receptor-Free Detection of Picric Acid: A New Structural Approach for Designing Aggregation-Induced Emission Probes. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 27260-27268.	8.0	55
8	Solution Processed WPLEDs with Good Color Stability and High Color Rendering Index via a Phosphor-Sensitized System. <i>ChemistrySelect</i> , 2017, 2, 3184-3190.	1.5	3
9	Color Tunable Donor-acceptor Electroluminescent Copolymers: Synthesis, Characterization, Photophysical Properties and PLED Fabrication. <i>ChemistrySelect</i> , 2017, 2, 7044-7049.	1.5	2
10	Bridge-driven aggregation control in dibenzofulvene-naphthalimide based donor-bridge-acceptor systems: enabling fluorescence enhancement, blue to red emission and solvatochromism. <i>Materials Chemistry Frontiers</i> , 2017, 1, 2590-2598.	5.9	19
11	Saturated and Stable White Electroluminescence from Linear Single Polymer Systems Based on Polyfluorene and Mono-Substituted Dibenzofulvene Derivatives. <i>Journal of Physical Chemistry C</i> , 2017, 121, 18137-18143.	3.1	10
12	White polymer light emitting diodes based on PVK: the effect of the electron injection barrier on transport properties, electroluminescence and controlling the electroplex formation. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 33077-33084.	2.8	24
13	Monosubstituted Dibenzofulvene-Based Luminogens: Aggregation-Induced Emission Enhancement and Dual-State Emission. <i>Journal of Physical Chemistry C</i> , 2016, 120, 26556-26568.	3.1	61
14	Efficient blue and white polymer light emitting diodes based on a well charge balanced, core modified polyfluorene derivative. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 7389-7394.	2.8	20
15	Synthesis and characterization of color tunable, highly electroluminescent copolymers of polyfluorene by incorporating the N-phenyl-1,8-naphthalimide moiety into the main chain. <i>Journal of Materials Chemistry C</i> , 2015, 3, 9318-9326.	5.5	23
16	Highly efficient and facile alkylation of 4H-cyclopenta-[2,1-b:3,4-b']dithiophene in water. <i>RSC Advances</i> , 2014, 4, 37738-37745.	3.6	5