Peddaboodi Gopikrishna

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4506203/publications.pdf

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16	531	933447	940533
papers	citations	10 h-index	16 g-index

17	17	17	842
all docs	docs citations	times ranked	citing authors

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