Nimmakayala V V Subbarao

List of Publications by Year
in descending order

9 papers	219 citations	1307594 7 h-index	1588992 8 g-index
9 all docs	9 docs citations	9 times ranked	530 citing authors

#	Article	IF	Citations
1	Effects of Dielectric Material, HMDS Layer, and Channel Length on the Performance of the Perylenediimide-Based Organic Field-Effect Transistors. ACS Omega, 2017, 2, 2552-2560.	3.5	14
2	Low voltage, low cost, flexible and balanced ambipolar OFETs based on Br₂PTCDI-C18/CuPc fabricated on an Al foil gate substrate with good ambient stability. Journal of Materials Chemistry C, 2016, 4, 7102-7109.	5.5	20
3	Large-Scale Molecular Packing and Morphology-Dependent High Performance Organic Field-Effect Transistor by Symmetrical Naphthalene Diimide Appended with Methyl Cyclohexane. Journal of Physical Chemistry C, 2015, 119, 12772-12779.	3.1	20
4	Enhanced Environmental Stability Induced by Effective Polarization of a Polar Dielectric Layer in a Trilayer Dielectric System of Organic Field-Effect Transistors: A Quantitative Study. ACS Applied Materials & Interfaces, 2015, 7, 1915-1924.	8.0	56
5	Vapor phase sensing of ammonia at the sub-ppm level using a perylene diimide thin film device. Journal of Materials Chemistry C, 2015, 3, 10767-10774.	5.5	74
6	Effect of thickness of bilayer dielectric on 1,7â€dibromoâ€N,Nâ€²â€dioctadecyl â€3,4,9,10â€perylenetetracarboxylic diimide based organic fieldâ€effect transistors. Physica Status Solidi (A) Applications and Materials Science, 2014, 211, 2403-2411.	1.8	6
7	Local Diffusion Induced Roughening in Cobalt Phthalocyanine Thin Film Growth. Langmuir, 2014, 30, 8735-8740.	3.5	18
8	Growth mechanism of Cobalt(II) Phthalocyanine(CoPc) thin films on SiO2 and muscovite substrates. , 2014, , .		3
9	High carrier mobility of CoPc wires based field-effect transistors using bi-layer gate dielectric. AIP Advances, 2013, 3, 112123.	1.3	8