Jeffrey S Castrucci

List of Publications by Year
in descending order

9 papers	363 citations	1040056 9 h-index	1474206 9 g-index
9 all docs	9 docs citations	9 times ranked	376 citing authors

#	Article	IF	Citations
1	Acceptor Properties of Boron Subphthalocyanines in Fullerene Free Photovoltaics. Journal of Physical Chemistry C, 2014, 118, 14813-14823.	3.1	66
2	Pentafluorophenoxy Boron Subphthalocyanine As a Fluorescent Dopant Emitter in Organic Light Emitting Diodes. ACS Applied Materials & Interfaces, 2010, 2, 3147-3152.	8.0	60
3	Assessing the Potential Roles of Silicon and Germanium Phthalocyanines in Planar Heterojunction Organic Photovoltaic Devices and How Pentafluoro Phenoxylation Can Enhance Ï€â€“Ï€ Interactions and Device Performance. ACS Applied Materials & Interfaces, 2015, 7, 5076-5088.	8.0	58
4	Boron Subphthalocyanines as Triplet Harvesting Materials within Organic Photovoltaics. Journal of Physical Chemistry Letters, 2015, 6, 3121-3125.	4.6	48
5	Outdoor Performance and Stability of Boron Subphthalocyanines Applied as Electron Acceptors in Fullerene-Free Organic Photovoltaics. ACS Energy Letters, 2017, 2, 726-732.	17.4	47
6	Charge Carrier Mobility in Fluorinated Phenoxy Boron Subphthalocyanines: Role of Solid State Packing. Crystal Growth and Design, 2012, 12, 1095-1100.	3.0	31
7	Evaluating Thiophene Electronâ€Donor Layers for the Rapid Assessment of Boron Subphthalocyanines as Electron Acceptors in Organic Photovoltaics: Solution or Vacuum Deposition?. ChemPhysChem, 2015, 16, 1245-1250.	2.1	29
8	Characterization of Î¼-oxo-(BsubPc)₂ in Multiple Organic Photovoltaic Device Architectures: Comparing against and Combining with Cl-BsubPc. ACS Applied Materials & Interfaces, 2016, 8, 24712-24721.	8.0	14
9	Considerations for the physical vapor deposition of high molar mass organic compounds. Vacuum, 2014, 109, 26-33.	3.5	10