

Jenny E Donaghey

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

1,225
citations

840776

11
h-index

1125743

13
g-index

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all docs

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docs citations

13
times ranked

2424
citing authors

#	ARTICLE	IF	CITATIONS
1	Advances in Charge Carrier Mobilities of Semiconducting Polymers Used in Organic Transistors. <i>Chemistry of Materials</i> , 2014, 26, 647-663.	6.7	377
2	Design of Semiconducting Indacenodithiophene Polymers for High Performance Transistors and Solar Cells. <i>Accounts of Chemical Research</i> , 2012, 45, 714-722.	15.6	256
3	Charge Generation Pathways in Organic Solar Cells: Assessing the Contribution from the Electron Acceptor. <i>Chemical Reviews</i> , 2016, 116, 12920-12955.	47.7	197
4	2,1,3-Benzothiadiazole-5,6-Dicarboxylic Imide – A Versatile Building Block for Additive- and Annealing-Free Processing of Organic Solar Cells with Efficiencies Exceeding 8%. <i>Advanced Materials</i> , 2015, 27, 948-953.	21.0	88
5	Alkyl Chain Extension as a Route to Novel Thieno[3,2- <i>b</i>]thiophene Flanked Diketopyrrolopyrrole Polymers for Use in Organic Solar Cells and Field Effect Transistors. <i>Macromolecules</i> , 2013, 46, 5961-5967.	4.8	67
6	Pyrrloindacenodithiophene containing polymers for organic field effect transistors and organic photovoltaics. <i>Journal of Materials Chemistry</i> , 2011, 21, 18744.	6.7	50
7	Engineering dielectric constants in organic semiconductors. <i>Journal of Materials Chemistry C</i> , 2017, 5, 3736-3747.	5.5	50
8	Dielectric constant enhancement of non-fullerene acceptors via side-chain modification. <i>Chemical Communications</i> , 2015, 51, 14115-14118.	4.1	49
9	New Fused Bis-Thienobenzothienothiophene Copolymers and Their Use in Organic Solar Cells and Transistors. <i>Macromolecules</i> , 2013, 46, 727-735.	4.8	43
10	Pyrrloindacenodithiophene polymers: the effect of molecular structure on OFET performance. <i>Polymer Chemistry</i> , 2013, 4, 3537.	3.9	23
11	Power conversion efficiency enhancement in diketopyrrolopyrrole based solar cells through polymer fractionation. <i>Journal of Materials Chemistry C</i> , 2014, 2, 8593-8598.	5.5	14
12	Compatibility of amorphous triarylamine copolymers with solution-processed hole injecting metal oxide bottom contacts. <i>Journal of Materials Chemistry C</i> , 2015, 3, 4530-4536.	5.5	7