Ester Buchaca-Domingo

List of Publications by Year
in descending order

11	574	1040056 9	1372567 10
papers	citations	h-index	g-index

11	11	11	1291
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The impact of molecular weight on microstructure and charge transport in semicrystalline polymer semiconductorsâ€“poly(3-hexylthiophene), a model study. Progress in Polymer Science, 2013, 38, 1978-1989.	24.7	274
2	A Close Look at Charge Generation in Polymer:Fullerene Blends with Microstructure Control. Journal of the American Chemical Society, 2015, 137, 2908-2918.	13.7	75
3	The fate of electronâ€“hole pairs in polymer:fullerene blends for organic photovoltaics. Nature Communications, 2016, 7, 12556.	12.8	68
4	Direct Correlation of Charge Transfer Absorption with Molecular Donor:Acceptor Interfacial Area via Photothermal Deflection Spectroscopy. Journal of the American Chemical Society, 2015, 137, 5256-5259.	13.7	45
5	Low band gap dithienogermolodithiophene copolymers with tunable acceptors and side-chains for organic solar cells. Journal of Materials Chemistry A, 2013, 1, 14973.	10.3	31
6	Alternating Copolymers Incorporating Dithienogemolodithiophene for Field-Effect Transistor Applications. Macromolecules, 2014, 47, 8602-8610.	4.8	23
7	The effect of phase morphology on the nature of long-lived charges in semiconductor polymer:fullerene systems. Journal of Materials Chemistry C, 2015, 3, 3722-3729.	5.5	22
8	The Role of Morphology in Optically Switchable Transistors Based on a Photochromic Molecule/pâ€Type Polymer Semiconductor Blend. Advanced Functional Materials, 2020, 30, 1907507.	14.9	20
9	Terahertz short-range mobilities in neat and intermixed regions of polymer:fullerene blends with controlled phase morphology. Journal of Materials Chemistry A, 2018, 6, 22301-22309.	10.3	15
10	Using the Stark effect to understand charge generation in organic solar cells. Proceedings of SPIE, 2015, , .	0.8	1
11	Observing the On-Site Generation of Excitons and Charges by Low-Temperature Spectroscopy. ACS Applied Materials & Interfaces, 2022, 14, 34126-34133.	8.0	0