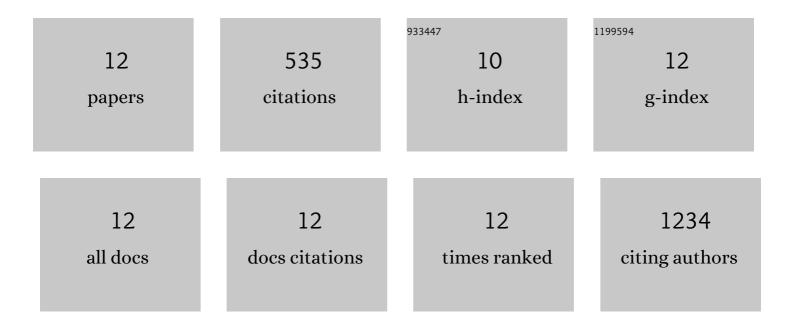
Elisa Collado-Fregoso

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	A Thieno[3,2â€ <i>b</i>][1]benzothiophene Isoindigo Building Block for Additive―and Annealingâ€Free Highâ€Performance Polymer Solar Cells. Advanced Materials, 2015, 27, 4702-4707.	21.0	120
2	Natures of optical absorption transitions and excitation energy dependent photostability of diketopyrrolopyrrole (DPP)-based photovoltaic copolymers. Energy and Environmental Science, 2015, 8, 3222-3232.	30.8	90
3	Thieno[3,2â€ <i>b</i>]thiopheneâ€diketopyrrolopyrrole Containing Polymers for Inverted Solar Cells Devices with High Short Circuit Currents. Advanced Functional Materials, 2013, 23, 5647-5654.	14.9	78
4	Isostructural, Deeper Highest Occupied Molecular Orbital Analogues of Poly(3-hexylthiophene) for High-Open Circuit Voltage Organic Solar Cells. Chemistry of Materials, 2013, 25, 4239-4249.	6.7	55
5	Energy-Gap Law for Photocurrent Generation in Fullerene-Based Organic Solar Cells: The Case of Low-Donor-Content Blends. Journal of the American Chemical Society, 2019, 141, 2329-2341.	13.7	54
6	Increased Exciton Dipole Moment Translates into Charge-Transfer Excitons in Thiophene-Fluorinated Low-Bandgap Polymers for Organic Photovoltaic Applications. Chemistry of Materials, 2015, 27, 7934-7944.	6.7	46
7	Optimisation of diketopyrrolopyrrole:fullerene solar cell performance through control of polymer molecular weight and thermal annealing. Journal of Materials Chemistry A, 2014, 2, 19282-19289.	10.3	25
8	Charge Separation in Intermixed Polymer:PC ₇₀ BM Photovoltaic Blends: Correlating Structural and Photophysical Length Scales as a Function of Blend Composition. Journal of Physical Chemistry C, 2017, 121, 9790-9801.	3.1	20
9	Intercalated vs Nonintercalated Morphologies in Donor–Acceptor Bulk Heterojunction Solar Cells: PBTTT:Fullerene Charge Generation and Recombination Revisited. Journal of Physical Chemistry Letters, 2017, 8, 4061-4068.	4.6	15
10	Photophysical Study of DPPTTâ€T/PC ₇₀ BM Blends and Solar Devices as a Function of Fullerene Loading: An Insight into EQE Limitations of DPPâ€Based Polymers. Advanced Functional Materials, 2017, 27, 1604426.	14.9	13
11	Alkyl Branching Position in Diketopyrrolopyrrole Polymers: Interplay between Fibrillar Morphology and Crystallinity and Their Effect on Photogeneration and Recombination in Bulk-Heterojunction Solar Cells. Chemistry of Materials, 2018, 30, 6801-6809.	6.7	13
12	Impact of Fullerene Intercalation on Structural and Thermal Properties of Organic Photovoltaic Blends. Journal of Physical Chemistry C, 2017, 121, 20976-20985.	3.1	6