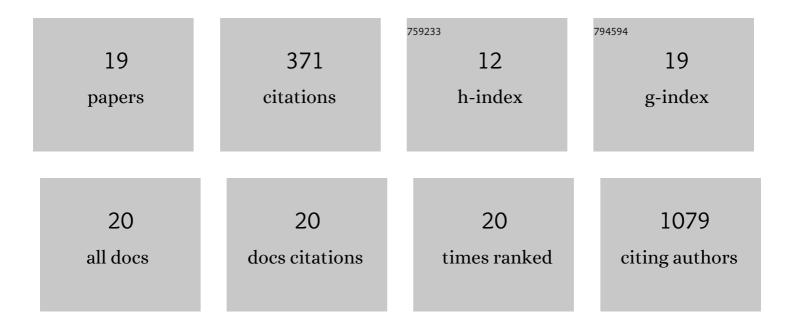
Laura Ciammaruchi

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Polymorphism in Nonâ€Fullerene Acceptors Based on Indacenodithienothiophene. Advanced Functional Materials, 2021, 31, 2103784. | 14.9 | 33 |
| 2 | A liquid-crystalline non-fullerene acceptor enabling high-performance organic solar cells. Journal of Materials Chemistry A, 2021, 9, 26917-26928. | 10.3 | 5 |
| 3 | Investigating Thermoelectric Stability under Encapsulation Using PElâ€Doped CNT Films as a Model System. Advanced Materials Technologies, 2020, 5, 2000256. | 5.8 | 7 |
| 4 | Structure dependent photostability of ITIC and ITIC-4F. Materials Advances, 2020, 1, 2846-2861. | 5.4 | 25 |
| 5 | Water splitting of hydrogen chemisorbed in graphene oxide dynamically evolves into a graphane lattice. Carbon, 2019, 153, 234-241. | 10.3 | 12 |
| 6 | What can we learn from model systems: Impact of polymer backbone structure on performance and stability of organic photovoltaics. Polymer, 2019, 183, 121849. | 3.8 | 13 |
| 7 | Impact of P3HT materials properties and layer architecture on OPV device stability. Solar Energy Materials and Solar Cells, 2019, 202, 110151. | 6.2 | 17 |
| 8 | Inverse Optical Cavity Design for Ultrabroadband Light Absorption Beyond the Conventional Limit in Lowâ€Bandgap Nonfullerene Acceptor–Based Solar Cells. Advanced Energy Materials, 2019, 9, 1900463. | 19.5 | 24 |
| 9 | Mononuclear Lanthanide(III)-Salicylideneaniline Complexes: Synthetic, Structural, Spectroscopic, and Magnetic Studies. Magnetochemistry, 2018, 4, 45. | 2.4 | 12 |
| 10 | Stability of organic solar cells with PCDTBT donor polymer: An interlaboratory study. Journal of Materials Research, 2018, 33, 1909-1924. | 2.6 | 17 |
| 11 | Outdoor operation of small-molecule organic photovoltaics. Organic Electronics, 2017, 41, 274-279. | 2.6 | 17 |
| 12 | High open-circuit voltage and short-circuit current flexible polymer solar cells using ternary blends and ultrathin Ag-based transparent electrodes. Journal of Materials Chemistry A, 2017, 5, 25476-25484. | 10.3 | 25 |
| 13 | Reliability of Small Molecule Organic Photovoltaics with Electronâ€Filtering Compound Buffer Layers. Advanced Energy Materials, 2016, 6, 1601094. | 19.5 | 28 |
| 14 | Effect of Halide Composition on the Photochemical Stability of Perovskite Photovoltaic Materials. ChemSusChem, 2016, 9, 2572-2577. | 6.8 | 62 |
| 15 | Baselines for Lifetime of Organic Solar Cells. Advanced Energy Materials, 2016, 6, 1600910. | 19.5 | 42 |
| 16 | Delineation of degradation patterns of C60-based organic solar cells under different environments. Journal of Applied Physics, 2015, 117, . | 2.5 | 3 |
| 17 | Degradation of electrical properties of small molecule organic solar cells under oxygen and moisture. Materials Research Society Symposia Proceedings, 2014, 1695, 9. | 0.1 | 1 |
| 18 | Acceleration factor for ageing measurement of dye solar cells. Microelectronics Reliability, 2013, 53, 279-281. | 1.7 | 11 |

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Reliability Study of Ruthenium-Based Dye-Sensitized Solar Cells (DSCs). IEEE Journal of Photovoltaics, 2012, 2, 27-34. | 2.5 | 16 |