

# David A Hanifi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7267370/publications.pdf>

Version: 2024-02-01

9  
papers

1,563  
citations

1040056

9  
h-index

1474206

9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

3080  
citing authors

| # | ARTICLE   | IF   | CITATIONS |
|---|---|------|-----------|
| 1 | Dynamic lattice distortions driven by surface trapping in semiconductor nanocrystals. Nature Communications, 2021, 12, 1860.  | 12.8 | 19        |
| 2 | Energetic Control of Redox-Active Polymers toward Safe Organic Bioelectronic Materials. Advanced Materials, 2020, 32, e1908047.   | 21.0 | 124       |
| 3 | Redefining near-unity luminescence in quantum dots with photothermal threshold quantum yield. Science, 2019, 363, 1199-1202.  | 12.6 | 190       |
| 4 | Fused electron deficient semiconducting polymers for air stable electron transport. Nature Communications, 2018, 9, 416.  | 12.8 | 133       |
| 5 | Open-Circuit Voltage in Organic Solar Cells: The Impacts of Donor Semicrystallinity and Coexistence of Multiple Interfacial Charge-Transfer Bands. Advanced Energy Materials, 2017, 7, 1601995.           | 19.5 | 35        |
| 6 | Reducing the efficiency-stability-cost gap of organic photovoltaics with highly efficient and stable small molecule acceptor ternary solar cells. Nature Materials, 2017, 16, 363-369.                    | 27.5 | 921       |
| 7 | Naphthalenediimide Polymers with Finely Tuned In-Chain Conjugation: Electronic Structure, Film Microstructure, and Charge Transport Properties. Advanced Materials, 2016, 28, 9169-9174.                  | 21.0 | 63        |
| 8 | The Effect of Processing Additives on Energetic Disorder in Highly Efficient Organic Photovoltaics: A Case Study on PBDTTT-C <sub>60</sub> :PC <sub>71</sub> BM. Advanced Materials, 2015, 27, 3868-3873. | 21.0 | 46        |
| 9 | Toward Conductive Mesocrystalline Assemblies: PbS Nanocrystals Cross-Linked with Tetrathiafulvalene Dicarboxylate. Chemistry of Materials, 2015, 27, 8105-8115.   | 6.7  | 32        |