

# Rylan M W Wolfe

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

426  
citations

759233

12  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

758  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | From Monomer to Conjugated Polymer: A Perspective on Best Practices for Synthesis. <i>Chemistry of Materials</i> , 2021, 33, 4842-4852.   | 6.7  | 19        |
| 2  | Influence of Surface and Structural Variations in Donor–Acceptor–Donor Sensitizers on Photoelectrocatalytic Water Splitting. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 47499-47510. | 8.0  | 3         |
| 3  | Thermoelectric Performance of n-Type Poly(Ni-tetrathiooxalate) as a Counterpart to Poly(Ni-ethenetetrathiolate): NiTO versus NiETT. <i>Advanced Electronic Materials</i> , 2019, 5, 1900066.        | 5.1  | 14        |
| 4  | A Textile-Integrated Polymer Thermoelectric Generator for Body Heat Harvesting. <i>Advanced Materials Technologies</i> , 2019, 4, 1800708.  | 5.8  | 92        |
| 5  | Progress in Nickel-Coordinated Polymers as Intrinsically Conducting n-Type Thermoelectric Materials. <i>Advanced Electronic Materials</i> , 2019, 5, 1800884.                                       | 5.1  | 23        |
| 6  | Every Atom Counts: Elucidating the Fundamental Impact of Structural Change in Conjugated Polymers for Organic Photovoltaics. <i>Chemistry of Materials</i> , 2018, 30, 2995-3009.                   | 6.7  | 39        |
| 7  | Synthesis and Characterization of Bis[1]benzothieno[3,2-b:2',3'-d]pyrroles: Quantitative Effects of Benzannulation on Dithieno[3,2-b:2',3'-d]pyrroles. <i>Molecules</i> , 2018, 23, 2279.           | 3.8  | 4         |
| 8  | Systematic Power Factor Enhancement in n-Type NiETT/PVDF Composite Films. <i>Advanced Functional Materials</i> , 2018, 28, 1801620.   | 14.9 | 34        |
| 9  | Simultaneous Enhancement in Electrical Conductivity and Thermopower of n-Type NiETT/PVDF Composite Films by Annealing. <i>Advanced Functional Materials</i> , 2018, 28, 1803275.                    | 14.9 | 39        |
| 10 | Direct Imide Formation from Thiophene Dicarboxylic Acids Gives Expanded Side-Chain Selection in Thienopyrrolediones. <i>Organic Letters</i> , 2017, 19, 996-999.                                    | 4.6  | 14        |
| 11 | Simple transfer from spin coating to blade coating through processing aggregated solutions. <i>Journal of Materials Chemistry A</i> , 2017, 5, 20687-20695.   | 10.3 | 21        |
| 12 | Metallo-organic n-type thermoelectrics: Emphasizing advances in nickel-ethenetetrathiolates. <i>Journal of Applied Polymer Science</i> , 2017, 134, .   | 2.6  | 26        |
| 13 | Relax: A Sterically Relaxed Donor–Acceptor Approach for Color Tuning in Broadly Absorbing, High Contrast Electrochromic Polymers. <i>Macromolecules</i> , 2016, 49, 6350-6359.                      | 4.8  | 64        |
| 14 | Halochromism and protonation-induced assembly of a benzo[g]indolo[2,3-b]quinoxaline derivative. <i>Chemical Communications</i> , 2016, 52, 12877-12880.   | 4.1  | 34        |