

# Sebastian Albert-Seifried

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11979072/publications.pdf>

Version: 2024-02-01

18  
papers

2,264  
citations

471509

17  
h-index

839539

18  
g-index

18  
all docs

18  
docs citations

18  
times ranked

3632  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | High-Performance Ambipolar Diketopyrrolopyrrole-Thieno[3,2-b]thiophene Copolymer Field-Effect Transistors with Balanced Hole and Electron Mobilities. <i>Advanced Materials</i> , 2012, 24, 647-652. | 21.0 | 521       |
| 2  | Exciton Fission and Charge Generation via Triplet Excitons in Pentacene/C <sub>60</sub> Bilayers. <i>Journal of the American Chemical Society</i> , 2010, 132, 12698-12703.                          | 13.7 | 295       |
| 3  | Effect of Annealing on P3HT:PCBM Charge Transfer and Nanoscale Morphology Probed by Ultrafast Spectroscopy. <i>Nano Letters</i> , 2010, 10, 923-930.   | 9.1  | 274       |
| 4  | Polymer Blend Solar Cells Based on a High-Mobility Naphthalenediimide-Based Polymer Acceptor: Device Physics, Photophysics and Morphology. <i>Advanced Energy Materials</i> , 2011, 1, 230-240.      | 19.5 | 199       |
| 5  | High Mobility Ambipolar Charge Transport in Polyselenophene Conjugated Polymers. <i>Advanced Materials</i> , 2010, 22, 2371-2375.  | 21.0 | 178       |
| 6  | The Binding Energy of Charge-Transfer Excitons Localized at Polymeric Semiconductor Heterojunctions. <i>Journal of Physical Chemistry C</i> , 2011, 115, 7114-7119.                                  | 3.1  | 131       |
| 7  | Photophysics of pentacene thin films: The role of exciton fission and heating effects. <i>Physical Review B</i> , 2011, 84, .  | 3.2  | 114       |
| 8  | Exciton-Charge Annihilation in Organic Semiconductor Films. <i>Advanced Functional Materials</i> , 2012, 22, 1567-1577.  | 14.9 | 99        |
| 9  | Subnanosecond Geminate Charge Recombination in Polymer-Polymer Photovoltaic Devices. <i>Physical Review Letters</i> , 2010, 104, 177701.   | 7.8  | 79        |
| 10 | Ion-Induced Formation of Charge-Transfer States in Conjugated Polyelectrolytes. <i>Journal of the American Chemical Society</i> , 2009, 131, 8913-8921.  | 13.7 | 78        |
| 11 | Nanosecond Intersystem Crossing Times in Fullerene Acceptors: Implications for Organic Photovoltaic Diodes. <i>Advanced Materials</i> , 2014, 26, 4851-4854.   | 21.0 | 63        |
| 12 | Improved Exciton Dissociation at Semiconducting Polymer:ZnO Donor:Acceptor Interfaces via Nitrogen Doping of ZnO. <i>Advanced Functional Materials</i> , 2014, 24, 3562-3570.                        | 14.9 | 60        |
| 13 | Measurement of thermal modulation of optical absorption in pump-probe spectroscopy of semiconducting polymers. <i>Applied Physics Letters</i> , 2011, 98, 223304.                                    | 3.3  | 41        |
| 14 | Influence of Side Chains on Geminate and Bimolecular Recombination in Organic Solar Cells. <i>Journal of Physical Chemistry C</i> , 2011, 115, 25046-25055.  | 3.1  | 36        |
| 15 | Tuning the electronic coupling in a low-bandgap donor-acceptor copolymer via the placement of side-chains. <i>Journal of Chemical Physics</i> , 2011, 134, 114901.                                   | 3.0  | 34        |
| 16 | The Influence of Side-Chain Position on the Optoelectronic Properties of a Red-Emitting Conjugated Polymer. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 967-974.                        | 2.2  | 23        |
| 17 | Pressure-Induced Delocalization of Photoexcited States in a Semiconducting Polymer. <i>Physical Review Letters</i> , 2010, 105, 195501.  | 7.8  | 22        |
| 18 | Efficiency limitations in a low band-gap diketopyrrolopyrrole-based polymer solar cell. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 6743-6752.  | 2.8  | 17        |