

David Schmidt

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/1494285/david-schmidt-publications-by-year.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

34
papers

1,902
citations

19
h-index

39
g-index

39
ext. papers

2,286
ext. citations

11.3
avg, IF

5.15
L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 34 | Base-Assisted Imidization: A Synthetic Method for the Introduction of Bulky Imide Substituents to Control Packing and Optical Properties of Naphthalene and Perylene Imides. <i>Angewandte Chemie</i> , 2020 , 132, 13503-13507 | 3.6 | 1 |
| 33 | Base-Assisted Imidization: A Synthetic Method for the Introduction of Bulky Imide Substituents to Control Packing and Optical Properties of Naphthalene and Perylene Imides. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 13401-13405 | 16.4 | 9 |
| 32 | 1-Mono- and 1,7-Disubstituted Perylene Bisimide Dyes with Voluminous Groups at Bay Positions: In Search for Highly Effective Solid-State Fluorescence Materials. <i>Chemistry of Materials</i> , 2020 , 32, 6222-6236 | 9.6 | 18 |
| 31 | Crystal Engineering of 1D Exciton Systems Composed of Single- and Double-Stranded Perylene Bisimide J-Aggregates. <i>Advanced Optical Materials</i> , 2020 , 8, 2000926 | 8.1 | 4 |
| 30 | Impact of substituents on molecular properties and catalytic activities of trinuclear Ru macrocycles in water oxidation. <i>Chemical Science</i> , 2020 , 11, 7654-7664 | 9.4 | 9 |
| 29 | Protein-like Enwrapped Perylene Bisimide Chromophore as a Bright Microcrystalline Emitter Material. <i>Angewandte Chemie</i> , 2019 , 131, 13519-13523 | 3.6 | 4 |
| 28 | Tetrahydroxy-Perylene Bisimide Embedded in a Zinc Oxide Thin Film as an Electron-Transporting Layer for High-Performance Non-Fullerene Organic Solar Cells. <i>Angewandte Chemie</i> , 2019 , 131, 13185-13189 | 3.6 | 15 |
| 27 | Protein-like Enwrapped Perylene Bisimide Chromophore as a Bright Microcrystalline Emitter Material. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 13385-13389 | 16.4 | 20 |
| 26 | Tetrahydroxy-Perylene Bisimide Embedded in a Zinc Oxide Thin Film as an Electron-Transporting Layer for High-Performance Non-Fullerene Organic Solar Cells. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 13051-13055 | 16.4 | 35 |
| 25 | fs-ps Exciton dynamics in a stretched tetraphenylsquaraine polymer. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 15346-15355 | 3.6 | 6 |
| 24 | A Highly Warped Heptagon-Containing sp ² Carbon Scaffold via Vinyl naphthyl Extension. <i>Angewandte Chemie</i> , 2019 , 131, 16656-16659 | 3.6 | 14 |
| 23 | A Highly Warped Heptagon-Containing sp Carbon Scaffold via Vinyl naphthyl Extension. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 16504-16507 | 16.4 | 24 |
| 22 | To be or not to be chematic liquid crystals from shape-persistent V-shaped nematogens with the magic angle. <i>Liquid Crystals</i> , 2018 , 45, 136-151 | 2.3 | 13 |
| 21 | Trinuclear Ruthenium Macrocycles: Toward Supramolecular Water Oxidation Catalysis in Pure Water. <i>ACS Energy Letters</i> , 2017 , 2, 288-293 | 20.1 | 29 |
| 20 | Base-Selective Five- versus Six-Membered Ring Annulation in Palladium-Catalyzed C-C Coupling Cascade Reactions: New Access to Electron-Poor Polycyclic Aromatic Dicarboximides. <i>Angewandte Chemie</i> , 2017 , 129, 7703-7708 | 3.6 | 4 |
| 19 | Base-Selective Five- versus Six-Membered Ring Annulation in Palladium-Catalyzed C-C Coupling Cascade Reactions: New Access to Electron-Poor Polycyclic Aromatic Dicarboximides. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 7595-7600 | 16.4 | 25 |
| 18 | n-Channel Organic Semiconductors Derived from Air-Stable Four-Coordinate Boron Complexes of Substituted Thienylthiazoles. <i>Chemistry - A European Journal</i> , 2017 , 23, 11620-11628 | 4.8 | 26 |

| | | | |
|----|--|------|------|
| 17 | A Crystalline π -Stack Containing Five Stereoisomers: Insights into Conformational Isomorphism, Chirality Inversion, and Disorder. <i>Angewandte Chemie</i> , 2017 , 129, 11936-11940 | 3.6 | 12 |
| 16 | Synthesis of a Doubly Boron-Doped Perylene through NHC-Borenium Hydroboration/C-H Borylation/Dehydrogenation. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 11846-11850 | 16.4 | 37 |
| 15 | Synthesis of a Doubly Boron-Doped Perylene through NHC-Borenium Hydroboration/C-H Borylation/Dehydrogenation. <i>Angewandte Chemie</i> , 2017 , 129, 12008-12012 | 3.6 | 18 |
| 14 | Library of Azabenz-Annulated Core-Extended Perylene Derivatives with Diverse Substitution Patterns and Tunable Electronic and Optical Properties. <i>Journal of Organic Chemistry</i> , 2016 , 81, 8394-4054 | 4.2 | 20 |
| 13 | A cross-coupling-annulation cascade from peri-dibromonaphthalimide to pseudo-rylene bisimides. <i>Organic Chemistry Frontiers</i> , 2016 , 3, 1435-1442 | 5.2 | 16 |
| 12 | An Electron-Poor C ₆₄ Nanographene by Palladium-Catalyzed Cascade C-C Bond Formation: One-Pot Synthesis and Single-Crystal Structure Analysis. <i>Angewandte Chemie</i> , 2016 , 128, 6500-6505 | 3.6 | 19 |
| 11 | Perylene Bisimide Dye Assemblies as Archetype Functional Supramolecular Materials. <i>Chemical Reviews</i> , 2016 , 116, 962-1052 | 68.1 | 1004 |
| 10 | Three-Dimensional Metal-Fullerene Frameworks. <i>Chemistry - A European Journal</i> , 2016 , 22, 5982-7 | 4.8 | 19 |
| 9 | An Electron-Poor C ₆₄ Nanographene by Palladium-Catalyzed Cascade C-C Bond Formation: One-Pot Synthesis and Single-Crystal Structure Analysis. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 6390-5 | 16.4 | 61 |
| 8 | Structural and quantum chemical analysis of exciton coupling in homo- and heteroaggregate stacks of merocyanines. <i>Nature Communications</i> , 2016 , 7, 12949 | 17.4 | 46 |
| 7 | Complete Monitoring of Coherent and Incoherent Spin Flip Domains in the Recombination of Charge-Separated States of Donor-Iridium Complex-Acceptor Triads. <i>Journal of the American Chemical Society</i> , 2015 , 137, 11011-21 | 16.4 | 48 |
| 6 | Influence of Solid-State Packing of Dipolar Merocyanine Dyes on Transistor and Solar Cell Performances. <i>Journal of the American Chemical Society</i> , 2015 , 137, 13524-34 | 16.4 | 58 |
| 5 | Ambient Stable Zwitterionic Perylene Bisimide-Centered Radical. <i>Angewandte Chemie</i> , 2015 , 127, 3682-3685 | 3.6 | 28 |
| 4 | Ambient stable zwitterionic perylene bisimide-centered radical. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 3611-4 | 16.4 | 72 |
| 3 | Perylene Bisimide Radicals and Biradicals: Synthesis and Molecular Properties. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 13980-4 | 16.4 | 58 |
| 2 | Perylene Bisimide Radicals and Biradicals: Synthesis and Molecular Properties. <i>Angewandte Chemie</i> , 2015 , 127, 14186-14190 | 3.6 | 27 |
| 1 | An ambient stable core-substituted perylene bisimide dianion: isolation and single crystal structure analysis. <i>Chemical Science</i> , 2015 , 6, 1663-1667 | 9.4 | 82 |