# Tsukasa Hasegawa

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5416167/publications.pdf

Version: 2024-02-01

| 19 | 657 | 840776 11 | 794594 19 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 20 | 20 | 20 | 800 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Quinoidal bisthienoisatin based semiconductors: Synthesis, characterization, and carrier transport property. Nano Select, 2020, 1, 334-345. | 3.7 | 2 |
| 2 | Ambipolar organic field-effect transistors based on N-Unsubstituted thienoisoindigo derivatives. Dyes and Pigments, 2020, 180, 108418. | 3.7 | 11 |
| 3 | Functionalized NIRâ€I Semiconducting Polymer Nanoparticles for Singleâ€cell to Wholeâ€Organ Imaging of PSMAâ€Positive Prostate Cancer. Small, 2020, 16, e2001215. | 10.0 | 34 |
| 4 | Significant Improvement of Unipolar n-Type Transistor Performances by Manipulating the Coplanar Backbone Conformation of Electron-Deficient Polymers via Hydrogen Bonding. Journal of the American Chemical Society, 2019, 141, 3566-3575. | 13.7 | 142 |
| 5 | Significant Difference in Semiconducting Properties of Isomeric Allâ€Acceptor Polymers Synthesized via Direct Arylation Polycondensation. Angewandte Chemie - International Edition, 2019, 58, 11893-11902. | 13.8 | 68 |
| 6 | Significant Difference in Semiconducting Properties of Isomeric Allâ€Acceptor Polymers Synthesized via Direct Arylation Polycondensation. Angewandte Chemie, 2019, 131, 12019-12028. | 2.0 | 7 |
| 7 | n-Type Organic Field-Effect Transistors Based on Bisthienoisatin Derivatives. ACS Applied Electronic Materials, 2019, 1, 764-771. | 4.3 | 8 |
| 8 | Fluorination and chlorination effects on quinoxalineimides as an electron-deficient building block for n-channel organic semiconductors. RSC Advances, 2019, 9, 10807-10813. | 3.6 | 5 |
| 9 | p- and n-Channel Photothermoelectric Conversion Based on Ultralong Near-Infrared Wavelengths Absorbing Polymers. ACS Applied Polymer Materials, 2019, 1, 542-551. | 4.4 | 14 |
| 10 | Highâ€Performance nâ€Channel Organic Transistors Using Highâ€Molecularâ€Weight Electronâ€Deficient Copolymers and Amineâ€Tailed Selfâ€Assembled Monolayers. Advanced Materials, 2018, 30, e1707164. | 21.0 | 97 |
| 11 | N-Unsubstituted thienoisoindigos: preparation, molecular packing and ambipolar organic field-effect transistors. Journal of Materials Chemistry C, 2017, 5, 2509-2512. | 5.5 | 25 |
| 12 | Thiadiazole-fused Quinoxalineimide as an Electron-deficient Building Block for N-type Organic Semiconductors. Organic Letters, 2017, 19, 3275-3278. | 4.6 | 25 |
| 13 | Organic Transistors: D-A1-D-A2 Backbone Strategy for Benzobisthiadiazole Based n-Channel Organic Transistors: Clarifying the Selenium-Substitution Effect on the Molecular Packing and Charge | | |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Design and structureâ€“property relationship of benzothienoisoindigo in organic field effect transistors. RSC Advances, 2015, 5, 61035-61043. | 3.6 | 36 |