

# Tobias Helbich

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2188835/publications.pdf>

Version: 2024-02-01

8  
papers

137  
citations

1478505

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1720034

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8  
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times ranked

196  
citing authors

| # | ARTICLE  | IF   | CITATIONS |
|---|--|------|-----------|
| 1 | Radical-Induced Hydrosilylation Reactions for the Functionalization of Two-Dimensional Hydride Terminated Silicon Nanosheets. Chemistry - A European Journal, 2016, 22, 6194-6198.                     | 3.3  | 35        |
| 2 | Radical-Initiated and Thermally Induced Hydrogermylation of Alkenes on the Surfaces of Germanium Nanosheets. Chemistry of Materials, 2018, 30, 2274-2280.  | 6.7  | 30        |
| 3 | Diazonium Salts as Grafting Agents and Efficient Radical-Hydrosilylation Initiators for Freestanding Photoluminescent Silicon Nanocrystals. Chemistry - A European Journal, 2014, 20, 4212-4216.       | 3.3  | 25        |
| 4 | One-Step Synthesis of Photoluminescent Covalent Polymeric Nanocomposites from 2D Silicon Nanosheets. Advanced Functional Materials, 2016, 26, 6711-6718.   | 14.9 | 23        |
| 5 | Polymer-silicon nanosheet composites: bridging the way to optoelectronic applications. Journal Physics D: Applied Physics, 2017, 50, 135106.   | 2.8  | 14        |
| 6 | Charge transfer doping in functionalized silicon nanosheets/P3HT hybrid material for applications in electrolyte-gated field-effect transistors. Journal of Materials Chemistry C, 2018, 6, 7343-7352. | 5.5  | 9         |
| 7 | Surface-Initiated Group-Transfer Polymerization – A Catalytic Approach to Stimuli-Responsive Silicon Nanocrystal Hybrid Materials. Materials Research Society Symposia Proceedings, 2015, 1770, 13-18. | 0.1  | 1         |
| 8 | Silicon nanosheets as co-initiators for diaryliodonium induced radical and cationic polymerization. Nanotechnology, 2019, 30, 075602.  | 2.6  | 0         |