

# Peter H Thiesen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9463396/publications.pdf>

Version: 2024-02-01

23  
papers

2,625  
citations

623188

14  
h-index

580395

25  
g-index

27  
all docs

27  
docs citations

27  
times ranked

2692  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Temperature Dependence of Thermal Conductivity Enhancement for Nanofluids. Journal of Heat Transfer, 2003, 125, 567-574.  | 1.2 | 2,030     |
| 2  | Imaging ellipsometry of graphene. Applied Physics Letters, 2010, 97, 231901.  | 1.5 | 99        |
| 3  | Imaging spectroscopic ellipsometry of MoS <sub>2</sub> . Journal of Physics Condensed Matter, 2016, 28, 385301.   | 0.7 | 84        |
| 4  | Real-time imaging of Na <sup>+</sup> reversible intercalation in Janus-graphene stacks for battery applications. Science Advances, 2021, 7, .   | 4.7 | 61        |
| 5  | Silylation of a crystalline silicic acid: an MAS NMR and porosity study. Journal of Materials Chemistry, 2002, 12, 3010-3015.   | 6.7 | 44        |
| 6  | Process development in affinity separation of glycoconjugates with lectins as ligands. Journal of Chromatography A, 2003, 1006, 127-135.  | 1.8 | 35        |
| 7  | Fast, Noncontact, Wafer-Scale, Atomic Layer Resolved Imaging of Two-Dimensional Materials by Ellipsometric Contrast Micrography. ACS Nano, 2018, 12, 8555-8563.                         | 7.3 | 31        |
| 8  | Spectroscopic imaging ellipsometry for automated search of flakes of mono- and n-layers of 2D-materials. Applied Surface Science, 2017, 421, 435-439.                                   | 3.1 | 28        |
| 9  | Polarisation stabilisation of vertical cavity surface emitting lasers by minimally invasive focused electron beam triggered chemistry. Nanoscale, 2011, 3, 2718.                        | 2.8 | 27        |
| 10 | Desorption of odor-active compounds by microwaves, ultrasound, and water. AIChE Journal, 2005, 51, 502-510.   | 1.8 | 25        |
| 11 | Comparison of modified supports on the base of glycoprotein interaction studies and of adsorption investigations. Journal of Chromatography A, 2005, 1092, 76-88.                       | 1.8 | 23        |
| 12 | Glycolipids from a colloid chemical point of view. Journal of Biotechnology, 2006, 124, 284-301.  | 1.9 | 18        |
| 13 | Synthesis and Properties of the Sodium Lithium Silicate Silinaite. Inorganic Chemistry, 1995, 34, 900-907.  | 1.9 | 15        |
| 14 | Determining the Dielectric Tensor of Microtextured Organic Thin Films by Imaging Mueller Matrix Ellipsometry. Journal of Physical Chemistry Letters, 2021, 12, 3053-3058.               | 2.1 | 15        |
| 15 | Alkylammonium derivatives of layered alkali silicates and micro- and mesoporous materials: I. Lithium sodium silicate (silinaite). Journal of Materials Chemistry, 2000, 10, 1177-1184. | 6.7 | 14        |
| 16 | In situ removal and purification of biosurfactants by automated surface enrichment. Applied Microbiology and Biotechnology, 2008, 81, 23-31.  | 1.7 | 14        |
| 17 | Imaging ellipsometry mapping of photo-induced refractive index in As <sub>2</sub> S <sub>3</sub> films. Journal of Non-Crystalline Solids, 2013, 365, 93-98.                            | 1.5 | 12        |
| 18 | Manifold Coupling Mechanisms of Transition Metal Dichalcogenides to Plasmonic Gold Nanoparticle Arrays. Journal of Physical Chemistry C, 2018, 122, 9663-9670.                          | 1.5 | 12        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Development of a basic procedure to design sorption processes. <i>Waste Management</i> , 2005, 25, 985-993.   | 3.7 | 10        |
| 20 | Chemical Indices and Methods of Multivariate Statistics as a Tool for Odor Classification. <i>Environmental Science &amp; Technology</i> , 2007, 41, 2414-2421.                                       | 4.6 | 10        |
| 21 | Rapid optical determination of topological insulator nanoplate thickness and oxidation. <i>AIP Advances</i> , 2017, 7, .  | 0.6 | 3         |
| 22 | Electron beam induced changes in optical properties of glassy As <sub>35</sub> S <sub>65</sub> chalcogenide thin films studied by imaging ellipsometry. <i>Thin Solid Films</i> , 2018, 660, 759-765. | 0.8 | 2         |
| 23 | Spectroscopic imaging ellipsometry of self-assembled SiGe/Si nanostructures. <i>Applied Surface Science</i> , 2017, 421, 547-552.   | 3.1 | 1         |