

Peter H Thiesen

List of Publications by Year in descending order

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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 | Determining the Dielectric Tensor of Microtextured Organic Thin Films by Imaging Mueller Matrix Ellipsometry. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 3053-3058. | 2.1 | 15 |
| 2 | Real-time imaging of Na ⁺ reversible intercalation in Janus-graphene stacks for battery applications. <i>Science Advances</i> , 2021, 7, . | 4.7 | 61 |
| 3 | Manifold Coupling Mechanisms of Transition Metal Dichalcogenides to Plasmonic Gold Nanoparticle Arrays. <i>Journal of Physical Chemistry C</i> , 2018, 122, 9663-9670. | 1.5 | 12 |
| 4 | Electron beam induced changes in optical properties of glassy As ₃₅ S ₆₅ chalcogenide thin films studied by imaging ellipsometry. <i>Thin Solid Films</i> , 2018, 660, 759-765. | 0.8 | 2 |
| 5 | Fast, Noncontact, Wafer-Scale, Atomic Layer Resolved Imaging of Two-Dimensional Materials by Ellipsometric Contrast Micrography. <i>ACS Nano</i> , 2018, 12, 8555-8563. | 7.3 | 31 |
| 6 | Rapid optical determination of topological insulator nanoplate thickness and oxidation. <i>AIP Advances</i> , 2017, 7, . | 0.6 | 3 |
| 7 | Spectroscopic imaging ellipsometry for automated search of flakes of mono- and n-layers of 2D-materials. <i>Applied Surface Science</i> , 2017, 421, 435-439. | 3.1 | 28 |
| 8 | Spectroscopic imaging ellipsometry of self-assembled SiGe/Si nanostructures. <i>Applied Surface Science</i> , 2017, 421, 547-552. | 3.1 | 1 |
| 9 | Imaging spectroscopic ellipsometry of MoS ₂ . <i>Journal of Physics Condensed Matter</i> , 2016, 28, 385301. | 0.7 | 84 |
| 10 | Imaging ellipsometry mapping of photo-induced refractive index in As ₂ S ₃ films. <i>Journal of Non-Crystalline Solids</i> , 2013, 365, 93-98. | 1.5 | 12 |
| 11 | Polarisation stabilisation of vertical cavity surface emitting lasers by minimally invasive focused electron beam triggered chemistry. <i>Nanoscale</i> , 2011, 3, 2718. | 2.8 | 27 |
| 12 | Imaging ellipsometry of graphene. <i>Applied Physics Letters</i> , 2010, 97, 231901. | 1.5 | 99 |
| 13 | In situ removal and purification of biosurfactants by automated surface enrichment. <i>Applied Microbiology and Biotechnology</i> , 2008, 81, 23-31. | 1.7 | 14 |
| 14 | Chemical Indices and Methods of Multivariate Statistics as a Tool for Odor Classification. <i>Environmental Science & Technology</i> , 2007, 41, 2414-2421. | 4.6 | 10 |
| 15 | Glycolipids from a colloid chemical point of view. <i>Journal of Biotechnology</i> , 2006, 124, 284-301. | 1.9 | 18 |
| 16 | Development of a basic procedure to design sorption processes. <i>Waste Management</i> , 2005, 25, 985-993. | 3.7 | 10 |
| 17 | Comparison of modified supports on the base of glycoprotein interaction studies and of adsorption investigations. <i>Journal of Chromatography A</i> , 2005, 1092, 76-88. | 1.8 | 23 |
| 18 | Desorption of odor-active compounds by microwaves, ultrasound, and water. <i>AIChE Journal</i> , 2005, 51, 502-510. | 1.8 | 25 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Process development in affinity separation of glycoconjugates with lectins as ligands. Journal of Chromatography A, 2003, 1006, 127-135. | 1.8 | 35 |
| 20 | Temperature Dependence of Thermal Conductivity Enhancement for Nanofluids. Journal of Heat Transfer, 2003, 125, 567-574. | 1.2 | 2,030 |
| 21 | Silylation of a crystalline silicic acid: an MAS NMR and porosity study. Journal of Materials Chemistry, 2002, 12, 3010-3015. | 6.7 | 44 |
| 22 | 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 |
| 23 | Synthesis and Properties of the Sodium Lithium Silicate Silinaite. Inorganic Chemistry, 1995, 34, 900-907. | 1.9 | 15 |