

# Andreas Menzel

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11836289/publications.pdf>

Version: 2024-02-01

13  
papers

340  
citations

840776

11  
h-index

1199594

12  
g-index

13  
all docs

13  
docs citations

13  
times ranked

673  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multifunctional ZnO-Nanowire-Based Sensor. <i>Advanced Functional Materials</i> , 2011, 21, 4342-4348.	14.9	105
2	Controlled Synthesis of ZnO Nanostructures: The Role of Source and Substrate Temperatures. <i>Journal of Physical Chemistry C</i> , 2011, 115, 757-761.	3.1	45
3	Tuning the Growth Mechanism of ZnO Nanowires by Controlled Carrier and Reaction Gas Modulation in Thermal CVD. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 2815-2821.	4.6	40
4	ZnO nanowire arrays – Pattern generation, growth and applications. <i>Physica Status Solidi (B): Basic Research</i> , 2010, 247, 2305-2314.	1.5	32
5	Role of Carrier Gas Flow and Species Diffusion in Nanowire Growth from Thermal CVD. <i>Journal of Physical Chemistry C</i> , 2012, 116, 5524-5530.	3.1	26
6	An advanced fabrication method of highly ordered ZnO nanowire arrays on silicon substrates by atomic layer deposition. <i>Nanotechnology</i> , 2012, 23, 235607.	2.6	20
7	Electron Tunneling from Colloidal CdSe Quantum Dots to ZnO Nanowires Studied by Time-Resolved Luminescence and Photoconductivity Experiments. <i>Journal of Physical Chemistry C</i> , 2015, 119, 15627-15635.	3.1	16
8	Detection of real-time dynamics of drug–target interactions by ultralong nanowalls. <i>Lab on A Chip</i> , 2013, 13, 4173.	6.0	12
9	Large-Scale Nano Piezo Force Position Arrays as Ultrahigh-Resolution Micro- and Nanoparticle Tracker. <i>Advanced Functional Materials</i> , 2013, 23, 191-197.	14.9	12
10	Ultra-long zinc oxide nanowires and boron doping based on ionic liquid assisted thermal chemical vapor deposition growth. <i>Nanoscale</i> , 2015, 7, 92-97.	5.6	12
11	Deep-level emission in ZnO nanowires and bulk crystals: Excitation-intensity dependence versus crystalline quality. <i>Journal of Applied Physics</i> , 2014, 115, 233516.	2.5	11
12	Engineered High Aspect Ratio Vertical Nanotubes as a Model System for the Investigation of Catalytic Methanol Synthesis Over Cu/ZnO. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 1576-1582.	8.0	9
13	Lithography: Large-Scale Nano Piezo Force Position Arrays as Ultrahigh-Resolution Micro- and Nanoparticle Tracker ( <i>Adv. Funct. Mater.</i> 2/2013). <i>Advanced Functional Materials</i> , 2013, 23, 264-264.	14.9	0