Andreas Menzel

List of Publications by Year
in descending order

13	340	840776 11	1199594 12
papers	citations	h-index	g-index

13	13	13	673
all docs	docs citations	times ranked	citing authors

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