

Harry Heinzelmann

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

1,190
citations

840776

11
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

2025
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoscale patterning with block copolymers. <i>Materials Today</i> , 2006, 9, 40-47.	14.2	510
2	FluidFM: Combining Atomic Force Microscopy and Nanofluidics in a Universal Liquid Delivery System for Single Cell Applications and Beyond. <i>Nano Letters</i> , 2009, 9, 2501-2507.	9.1	369
3	Near-field fluorescence imaging with 32 nm resolution based on microfabricated cantilevered probes. <i>Applied Physics Letters</i> , 2000, 77, 3695-3697.	3.3	75
4	Block Copolymer Micelles as Switchable Templates for Nanofabrication. <i>Langmuir</i> , 2006, 22, 3450-3452.	3.5	69
5	Parallel AFM imaging and force spectroscopy using two-dimensional probe arrays for applications in cell biology. <i>Journal of Molecular Recognition</i> , 2011, 24, 446-452.	2.1	50
6	Fabrication of nanopore arrays and ultrathin silicon nitride membranes by block-copolymer-assisted lithography. <i>Nanotechnology</i> , 2009, 20, 485303.	2.6	26
7	Hierarchical positioning of gold nanoparticles into periodic arrays using block copolymer nanoring templates. <i>Journal of Colloid and Interface Science</i> , 2011, 356, 496-504.	9.4	25
8	Fabrication and characterization of a silicon cantilever probe with an integrated quartz-glass (fused-silica) tip for scanning near-field optical microscopy. <i>Applied Optics</i> , 2001, 40, 5040.	2.1	23
9	Nanopatterned Self-Assembled Monolayers by Using Diblock Copolymer Micelles as Nanometer-Scale Adsorption and Etch Masks. <i>Advanced Materials</i> , 2008, 20, 1962-1965.	21.0	16
10	Combining Micelle Self-Assembly with Nanostencil Lithography to Create Periodic/Aperiodic Micro-Nanopatterns on Surfaces. <i>Advanced Materials</i> , 2008, 20, 3533-3538.	21.0	15
11	Nanostructured waveguides for evanescent wave biosensors. <i>Applied Surface Science</i> , 2009, 256, S12-S17.	6.1	12
12	Keynote lecture 4: 'Nanotechnology tools for life sciences', 2009, , .		0