

# Afshin Alipour

## List of Publications by Year in descending order

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Version: 2024-02-01

10  
papers

49  
citations

1937685

4  
h-index

1872680

6  
g-index

10  
all docs

10  
docs citations

10  
times ranked

57  
citing authors

#	ARTICLE	IF	CITATIONS
1	Atomic-resolution lithography with an on-chip scanning tunneling microscope. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2022, 40, .	1.2	4
2	A MEMS Nanopositioner With Integrated Tip for Scanning Tunneling Microscopy. Journal of Microelectromechanical Systems, 2021, 30, 271-280.	2.5	5
3	Atomic precision imaging with an on-chip scanning tunneling microscope integrated into a commercial ultrahigh vacuum STM system. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2021, 39, .	1.2	2
4	Video-Rate Non-Raster AFM Imaging With Cycloid Trajectory. IEEE Transactions on Control Systems Technology, 2020, 28, 436-447.	5.2	18
5	A high bandwidth microelectromechanical system-based nanopositioner for scanning tunneling microscopy. Review of Scientific Instruments, 2019, 90, 073706.	1.3	8
6	Design and Characterization of a MEMS Probe Scanner for On-chip Atomic Force Microscopy. , 2019, , .		0
7	A Feedback Controlled MEMS Probe Scanner for On-chip AFM. IFAC-PapersOnLine, 2019, 52, 295-300.	0.9	3
8	Design, Fabrication, and Characterization of a Piezoelectric AFM Cantilever Array. , 2019, , .		8
9	Sequential Cycloid Scanning for Time-resolved Atomic Force Microscopy. , 2018, , .		1
10	Internal Model Control of Cycloid Trajectory for Video-Rate AFM Imaging with a SOI-MEMS Nanopositioner. , 2018, , .		0