

Daniel J Eichelsdoerfer

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3967150/publications.pdf>

Version: 2024-02-01

12
papers

458
citations

933447

10
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

780
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanocombinatorics with Cantilever-Free Scanning Probe Arrays. ACS Nano, 2019, 13, 8-17.	14.6	29
2	Giant conductivity switching of LaAlO ₃ /SrTiO ₃ heterointerfaces governed by surface protonation. Nature Communications, 2016, 7, 10681.	12.8	68
3	Material transport in dip-pen nanolithography. Frontiers of Physics, 2014, 9, 385-397.	5.0	60
4	Combinatorial Screening of Mesenchymal Stem Cell Adhesion and Differentiation Using Polymer Pen Lithography. Methods in Cell Biology, 2014, 119, 261-276.	1.1	14
5	Capillary bridge rupture in dip-pen nanolithography. Soft Matter, 2014, 10, 5603-5608.	2.7	33
6	Large-area molecular patterning with polymer pen lithography. Nature Protocols, 2013, 8, 2548-2560.	12.0	88
7	Role of Absorbed Solvent in Polymer Pen Lithography. Journal of Physical Chemistry B, 2013, 117, 16363-16368.	2.6	13
8	A cantilever-free approach to dot-matrix nanoprinting. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 12921-12924.	7.1	33
9	Tuning the Spring Constant of Cantilever-Free Tip Arrays. Nano Letters, 2013, 13, 664-667.	9.1	18
10	Cantilever-free thermal actuation. Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics, 2013, 31, 06F201.	1.2	6
11	Delineating the pathways for the site-directed synthesis of individual nanoparticles on surfaces. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 887-891.	7.1	78
12	Direct-write scanning probe lithography: towards a desktop fab. Proceedings of SPIE, 2011, , .	0.8	9