

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