

# Denise Denning

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

727  
citations

933447

10  
h-index

1199594

12  
g-index

13  
all docs

13  
docs citations

13  
times ranked

1414  
citing authors

#	ARTICLE	IF	CITATIONS
1	Maturation of adenovirus primes the protein nano-shell for successful endosomal escape. <i>Nanoscale</i> , 2019, 11, 4015-4024.	5.6	17
2	Piezoelectric Tensor of Collagen Fibrils Determined at the Nanoscale. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 929-935.	5.2	69
3	Piezoresponse Force Microscopy for Bioelectromechanics. , 2016, , 435-450.		1
4	Elucidating the molecular mechanisms underlying cellular response to biophysical cues using synthetic biology approaches. <i>Cell Adhesion and Migration</i> , 2016, 10, 540-553.	2.7	7
5	Applications of piezoresponse force microscopy in materials research: from inorganic ferroelectrics to biopiezoelectrics and beyond. <i>International Materials Reviews</i> , 2016, 61, 46-70.	19.3	80
6	Piezoelectricity in collagen type II fibrils measured by scanning probe microscopy. <i>Journal of Applied Physics</i> , 2014, 116, .	2.5	19
7	Piezoelectric properties of aligned collagen membranes. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2014, 102, 284-292.	3.4	44
8	Nanoscale characterization of $\hat{\Gamma}^2$ -phase $HxLi1\hat{\alpha}^xNbO3$ layers by piezoresponse force microscopy. <i>Journal of Applied Physics</i> , 2014, 116, 066815.	2.5	7
9	Growth mechanism of photoreduced silver nanostructures on periodically proton exchanged lithium niobate: Time and concentration dependence. <i>Journal of Applied Physics</i> , 2013, 113, 187212.	2.5	10
10	Visualizing molecular polar order in tissues via electromechanical coupling. <i>Journal of Structural Biology</i> , 2012, 180, 409-419.	2.8	27
11	Photoreduction of SERS-Active Metallic Nanostructures on Chemically Patterned Ferroelectric Crystals. <i>ACS Nano</i> , 2012, 6, 7373-7380.	14.6	59
12	Electromechanical properties of dried tendon and isoelectrically focused collagen hydrogels. <i>Acta Biomaterialia</i> , 2012, 8, 3073-3079.	8.3	41
13	Capture of circulating tumor cells from whole blood of prostate cancer patients using geometrically enhanced differential immunocapture (GEDI) and a prostate-specific antibody. <i>Lab on A Chip</i> , 2010, 10, 27-29.	6.0	346