

Denise Denning

List of Publications by Year in descending order

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13
papers

727
citations

933447

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1199594

12
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13
all docs

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docs citations

13
times ranked

1414
citing authors

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