

Nicole E Weckman

List of Publications by Year in descending order

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9
papers

124
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1684188
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1588992
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all docs

9
docs citations

9
times ranked

198
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiplexed DNA Identification Using Site Specific dCas9 Barcodes and Nanopore Sensing. ACS Sensors, 2019, 4, 2065-2072.	7.8	50
2	Promoting single-file DNA translocations through nanopores using electro-osmotic flow. Journal of Chemical Physics, 2018, 149, 163311.	3.0	32
3	Reducing dissipation in piezoelectric flexural microplate resonators in liquid environments. Sensors and Actuators A: Physical, 2017, 267, 464-473.	4.1	12
4	Current Fluctuations in Nanopores Reveal the Polymer-Wall Adsorption Potential. Physical Review Letters, 2021, 127, 137801.	7.8	10
5	Evaluating the Binding of Selected Biomolecules to Cranberry Derived Proanthocyanidins Using the Quartz Crystal Microbalance. Biomacromolecules, 2014, 15, 1375-1381.	5.4	9
6	Comparison of the specificity and affinity of surface immobilised Affimer binders using the quartz crystal microbalance. Analyst, The, 2016, 141, 6278-6286.	3.5	5
7	Micromachined Piezoelectric Acoustic Sensor with Multiple Addressable Flexural Modes Demonstrating Improved Q in Liquid. Procedia Engineering, 2015, 120, 1003-1006.	1.2	4
8	Micromachined Piezoelectric-on-Silicon Thickness Extensional Mode Resonators. Procedia Engineering, 2015, 120, 1007-1010.	1.2	1
9	Pushing the resolution of dCas9 barcodes for multiplexed DNA identification with nanopore sensors. , 2019, , .		1