

Momoko Kumemura

List of Publications by Year in descending order

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7
papers

161
citations

1478505

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1720034

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all docs

7
docs citations

7
times ranked

217
citing authors

#	ARTICLE	IF	CITATIONS
1	Silicon Nanotweezers With Subnanometer Resolution for the Micromanipulation of Biomolecules. <i>Journal of Microelectromechanical Systems</i> , 2008, 17, 623-631.	2.5	92
2	Real-time mechanical characterization of DNA degradation under therapeutic X-rays and its theoretical modeling. <i>Microsystems and Nanoengineering</i> , 2016, 2, 16062.	7.0	24
3	A rapid and practical technique for real-time monitoring of biomolecular interactions using mechanical responses of macromolecules. <i>Scientific Reports</i> , 2016, 6, 28001.	3.3	19
4	Developing a MEMS Device with Built-in Microfluidics for Biophysical Single Cell Characterization. <i>Micromachines</i> , 2018, 9, 275.	2.9	9
5	Direct measurement of the mechanical properties of a chromatin analog and the epigenetic effects of para-sulphonato-calix[4]arene. <i>Scientific Reports</i> , 2019, 9, 5816.	3.3	8
6	Elucidating the mechanism of the considerable mechanical stiffening of DNA induced by the couple Zn ²⁺ /Calix[4]arene-1,3-O-diphosphorous acid. <i>Scientific Reports</i> , 2018, 8, 1226.	3.3	7
7	Fabricating Silicon Resonators for Analysing Biological Samples. <i>Micromachines</i> , 2021, 12, 1546.	2.9	2