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List of Publications by Year in descending order

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9
papers

61
citations

1684188
5
h-index

1720034
7
g-index

9
all docs

9
docs citations

9
times ranked

50
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimating orientation of optically trapped, near vertical, microsphere dimers using central moments and off-focus imaging. <i>Applied Optics</i> , 2022, 61, 607.	1.8	0
2	Probing start-up electroosmotic forces and flows in a microfluidic channel using laser tweezer force spectroscopy. <i>Microfluidics and Nanofluidics</i> , 2020, 24, 1.	2.2	0
3	Overstretching partially alkyne functionalized dsDNA using near infrared optical tweezers. <i>Biochemical and Biophysical Research Communications</i> , 2018, 496, 975-980.	2.1	8
4	Mapping the restoring force of an optical trap in three dimensions using a two laser dual-trap approach. <i>Journal of Modern Optics</i> , 2017, 64, 1450-1456.	1.3	2
5	Effects of non-Gaussian Brownian motion on direct force optical tweezers measurements of the electrostatic forces between pairs of colloidal particles. <i>European Physical Journal E</i> , 2016, 39, 70.	1.6	2
6	Multidimensional mapping of the restoring force of an optical trap using triangular wave flow. <i>Journal of Modern Optics</i> , 2016, 63, 2308-2314.	1.3	6
7	Measuring the interaction between a pair of emulsion droplets using dual-trap optical tweezers. <i>RSC Advances</i> , 2016, 6, 14538-14546.	3.6	17
8	Developing a video tracking method to study interactions between close pairs of optically trapped particles in three dimensions. <i>Applied Optics</i> , 2015, 54, 9518.	2.1	12
9	DNA visualization in single molecule studies carried out with optical tweezers: Covalent versus non-covalent attachment of fluorophores. <i>Biochemical and Biophysical Research Communications</i> , 2015, 466, 226-231.	2.1	14