

Kipom Kim

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

569
citations

840776

11
h-index

794594

19
g-index

22
all docs

22
docs citations

22
times ranked

867
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcranial focused ultrasound stimulation with high spatial resolution. <i>Brain Stimulation</i> , 2021, 14, 290-300.	1.6	47
2	Transmembrane topology and oligomeric nature of an astrocytic membrane protein, MLC1. <i>Open Biology</i> , 2021, 11, 210103.	3.6	3
3	Mesenchymal Stem Cell Therapy and Alzheimer's Disease: Current Status and Future Perspectives. <i>Journal of Alzheimer's Disease</i> , 2020, 77, 1-14.	2.6	43
4	Programmed folding of DNA origami structures through single-molecule force control. <i>Nature Communications</i> , 2014, 5, 5654.	12.8	43
5	Label-Free Biosensing over a Wide Concentration Range with Photonic Force Microscopy. <i>ChemPhysChem</i> , 2014, 15, 1573-1576.	2.1	1
6	Breathing, crawling, budding, and splitting of a liquid droplet under laser heating. <i>Soft Matter</i> , 2014, 10, 2679.	2.7	37
7	Mechanical unzipping and re-zipping of a single SNARE complex reveals hysteresis as a force-generating mechanism. <i>Nature Communications</i> , 2013, 4, 1705.	12.8	96
8	Real-time single-molecule coimmunoprecipitation of weak protein-protein interactions. <i>Nature Protocols</i> , 2013, 8, 2045-2060.	12.0	31
9	Simultaneous detection of biomolecular interactions and surface topography using photonic force microscopy. <i>Biosensors and Bioelectronics</i> , 2013, 42, 106-111.	10.1	3
10	Low-power nano-optical vortex trapping via plasmonic diabolical nanoantennas. <i>Nature Communications</i> , 2011, 2, 582.	12.8	108
11	Diffusing-wave spectroscopy study of microscopic dynamics of three-dimensional granular systems. <i>Soft Matter</i> , 2010, 6, 2894.	2.7	10
12	Optical Torque Induced on the Geometrically Anisotropic Multi-Lamellar Vesicle with Form Birefringence. <i>Journal of the Korean Physical Society</i> , 2010, 56, 225-229.	0.7	0
13	A high-resolution magnetic tweezer for single-molecule measurements. <i>Nucleic Acids Research</i> , 2009, 37, e136-e136.	14.5	76
14	Optical rotation of the shrunken multi-lamellar vesicle using optical tweezers. <i>Proceedings of SPIE</i> , 2009, , .	0.8	0
15	Stabilizing method for reflection interference contrast microscopy. <i>Applied Optics</i> , 2008, 47, 2070.	2.1	13
16	Thermochemical control of oil droplet motion on a solid substrate. <i>Applied Physics Letters</i> , 2008, 93, .	3.3	18
17	Jamming transition in a highly dense granular system under vertical vibration. <i>Physical Review E</i> , 2005, 72, 011302.	2.1	15
18	Coarsening Dynamics of Striped Patterns in Thin Granular Layers under Vertical Vibration. <i>Physical Review Letters</i> , 2002, 88, 204303.	7.8	13

#	ARTICLE	IF	CITATIONS
19	Ordering dynamics of striped patterns in vertically vibrated granular layers. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2002, 315, 181-186.	2.6	4
20	Dynamics of spiral patterns in vertically vibrated thin granular layer system. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2000, 281, 93-98.	2.6	1
21	Two-dimensional crystal of several millimeter size spheres. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2000, 281, 99-104.	2.6	7
22	Velocity profiles of subharmonic waves in vertically vibrated thin granular layer systems. <i>AIP Conference Proceedings</i> , 2000, , .	0.4	0