Haesung Park

List of Publications by Year
in descending order

13	409	1163117 8	1281871 11
papers	citations	h-index	g-index

13	13	13	753
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Optical Trap Loading of Dielectric Microparticles In Air. Journal of Visualized Experiments, 2017, , .	0.3	2
2	Contact Electrification of Individual Dielectric Microparticles Measured by Optical Tweezers in Air. ACS Applied Materials & Interfaces, 2016, 8, 34904-34913.	8.0	9
3	Measurement and accumulation of electric charge on a single dielectric particle trapped in air. , 2016, , .		0
4	Parametric Force Analysis for Measurement of Arbitrary Optical Forces on Particles Trapped in Air or Vacuum. ACS Photonics, 2015, 2, 1451-1459.	6.6	10
5	Broadband Lightâ€Trapping Enhancement in an Ultrathin Film aâ€Si Absorber Using Whispering Gallery Modes and Guided Wave Modes with Dielectric Surfaceâ€Textured Structures. Advanced Materials, 2013, 25, 2617-2623.	21.0	60
6	Broadband electromagnetic cloaking with smart metamaterials. Nature Communications, 2012, 3, 1213.	12.8	165
7	Broadband Optical Antireflection Enhancement by Integrating Antireflective Nanoislands with Silicon Nanoconicalâ€Frustum Arrays. Advanced Materials, 2011, 23, 5796-5800.	21.0	89
8	Tunable subwavelength focusing with dispersion-engineered metamaterials in the terahertz regime. Optics Letters, 2010, 35, 2254.	3.3	19
9	Quantitative analysis of mixed hydrofluoric and nitric acids using Raman spectroscopy with partial least squares regression. Talanta, 2010, 81, 1413-1417.	5.5	9
10	Active phase control of a Ag near-field superlens via the index mismatch approach. Applied Physics Letters, 2009, 94, .	3.3	18
11	Reliable optical measurement of water vapor in highly scattering environment. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2009, 72, 510-514.	3.9	4
12	Improved image quality of a Ag slab near-field superlens with intrinsic loss of absorption. Optics Express, 2008, 16, 1711.	3.4	19
13	Robust optical measurement of water vapor in steel-making process. , 2008, , .		5