

Yukiko Shimizu

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

921
citations

1306789

7
h-index

1588620

8
g-index

10
all docs

10
docs citations

10
times ranked

740
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel Optical Trap of Atoms with a Doughnut Beam. Physical Review Letters, 1997, 78, 4713-4716.	2.9	798
2	Control of Light Pulse Propagation with Only a Few Cold Atoms in a High-Finesse Microcavity. Physical Review Letters, 2002, 89, 233001.	2.9	55
3	Mechanical force in laser cooling and trapping. American Journal of Physics, 1998, 66, 960-967.	0.3	25
4	Molecular gas thermometry on acetylene using dual-comb spectroscopy: analysis of rotational energy distribution. Applied Physics B: Lasers and Optics, 2018, 124, 1.	1.1	12
5	Pulsed polarization gradient cooling in an optical dipole trap with a Laguerre-Gaussian laser beam. European Physical Journal D, 1998, 1, 239-242.	0.6	11
6	Reflectance Thermometry for Microscale Metal Thin Films. Japanese Journal of Applied Physics, 2007, 46, 3117-3119.	0.8	8
7	Blackbody thermal radiator with vertically aligned carbon nanotube coating. Japanese Journal of Applied Physics, 2014, 53, 068004.	0.8	8
8	A compact high-emissivity variable-temperature blackbody furnace with carbon-nanotube coated bottom. , 2017, , .		2
9	Cosine similarity for quantitatively evaluating the degree of change in an optical frequency comb spectra. Optics Express, 2021, 29, 35613.	1.7	2
10	â€œSUPERLUMINALâ€•AND SUBLUMINAL PROPAGATION OF AN OPTICAL PULSE IN A HIGH-Q OPTICAL MICRO-CAVITY WITH A FEW COLD ATOMS. , 2002, , .		0