

Kishore T Kapale

List of Publications by Year in descending order

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22
papers

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840776

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all docs

22
docs citations

22
times ranked

499
citing authors

#	ARTICLE	IF	CITATIONS
1	Subwavelength atom localization via amplitude and phase control of the absorption spectrum. Physical Review A, 2005, 72, .	2.5	185
2	Tunable phase control for subluminal to superluminal light propagation. Physical Review A, 2004, 70, .	2.5	147
3	Vortex Phase Qubit: Generating Arbitrary, Counterrotating, Coherent Superpositions in Bose-Einstein Condensates via Optical Angular Momentum Beams. Physical Review Letters, 2005, 95, 173601.	7.8	141
4	Subwavelength atom localization via amplitude and phase control of the absorption spectrum. II. Physical Review A, 2006, 73, .	2.5	134
5	Quenching of spontaneous emission through interference of incoherent pump processes. Physical Review A, 2003, 67, .	2.5	83
6	Spectroscopic measurement of an atomic wave function. Physical Review A, 2003, 67, .	2.5	83
7	Bootstrapping Approach for Generating Maximally Path-Entangled Photon States. Physical Review Letters, 2007, 99, 053602.	7.8	42
8	Arbitrary coherent superpositions of quantized vortices in Bose-Einstein condensates via orbital angular momentum of light. Physical Review A, 2008, 77, .	2.5	42
9	Master equation vs. partition function: canonical statistics of ideal Bose-Einstein condensates. Physica A: Statistical Mechanics and Its Applications, 2001, 300, 433-467.	2.6	22
10	Ultra-stable matter-wave gyrosopy with counter-rotating vortex superpositions in Bose-Einstein condensates. Journal of Modern Optics, 2012, 59, 1180-1185.	1.3	22
11	Influence of boundary conditions on statistical properties of ideal Bose-Einstein condensates. Physical Review E, 2002, 65, 036129.	2.1	11
12	The Two Electron Molecular Bond Revisited: From Bohr Orbits to Two-Center Orbitals. Advances in Atomic, Molecular and Optical Physics, 2005, , 93-238.	2.3	11
13	Molecular calculations with two-center correlated orbitals. Chemical Physics Letters, 2004, 389, 385-392.	2.6	9
14	Cavity-mediated long-range interaction for fast multiqubit quantum logic operations. Physical Review A, 2005, 72, .	2.5	9
15	Subwavelength Atom Localization. Progress in Optics, 2013, 58, 199-250.	0.6	5
16	Equivalence of the master equation approach to the canonical ensemble approach for an ideal Bose gas. Optics Communications, 2001, 191, 299-304.	2.1	3
17	Sharpening accepted thermodynamic wisdom via quantum control: or cooling to an internal temperature of zero by external coherent control fields without spontaneous emission. Journal of Modern Optics, 2002, 49, 2297-2307.	1.3	3
18	Violation of the Third Law of Thermodynamics through an Atomic Cooling Scheme. AIP Conference Proceedings, 2002, , .	0.4	0

#	ARTICLE	IF	CITATIONS
19	Novel Matter-wave Gyroscope via Vortex Superposition in BEC. , 2009, , .		0
20	Sagnac effect in vortex superposition states of Bose-Einstein condensates. , 2007, , .		0
21	Sagnac effect in superposition of vortex states in Bose-Einstein condensates. , 2007, , .		0
22	Coherently generated of vortex superpositions in Bose-Einstein Condensates and their applications. , 2013, , .		0