

Tetsuya Mukai

List of Publications by Year in descending order

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papers

367
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1040056

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839539

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20
all docs

20
docs citations

20
times ranked

372
citing authors

#	ARTICLE	IF	CITATIONS
1	Persistent Supercurrent Atom Chip. <i>Physical Review Letters</i> , 2007, 98, 260407.	7.8	70
2	Polarization insensitive frequency conversion for an atom-photon entanglement distribution via a telecom network. <i>Nature Communications</i> , 2018, 9, 1997.	12.8	65
3	Macroscopic quantum information processing using spin coherent states. <i>Optics Communications</i> , 2015, 337, 102-109.	2.1	49
4	Dressed-atom spectroscopy of cold Cs atoms. <i>Journal of the Optical Society of America B: Optical Physics</i> , 1996, 13, 2696.	2.1	31
5	Coherent all-optical control of ultracold atoms arrays in permanent magnetic traps. <i>Optics Express</i> , 2014, 22, 3501.	3.4	29
6	Stability of a superconductive atom chip with persistent current. <i>Physical Review A</i> , 2009, 79, .	2.5	28
7	Stable Neutral Atom Trap with a Thin Superconducting Disc. <i>Physical Review Letters</i> , 2009, 103, 253002.	7.8	22
8	Heralded single excitation of atomic ensemble via solid-state-based telecom photon detection. <i>Optica</i> , 2016, 3, 1279.	9.3	20
9	Stability of solutions of the nonlinear Schrödinger equation for trapped Bose-condensed atoms with negative scattering lengths. <i>Physical Review A</i> , 1997, 55, 3639-3644.	2.5	9
10	Dynamics of evaporative cooling in magnetically trapped atomic hydrogen. <i>Physical Review A</i> , 2000, 62, .	2.5	9
11	Optimization of evaporative cooling towards a large number of Bose-Einstein-condensed atoms. <i>Physical Review A</i> , 2003, 67, .	2.5	8
12	Bose-Einstein condensate on a persistent-supercurrent atom chip. <i>Applied Physics B: Lasers and Optics</i> , 2014, 116, 821-829.	2.2	8
13	Efficient rapid production of a Bose-Einstein condensate by overcoming serious three-body loss. <i>Physical Review A</i> , 2004, 70, .	2.5	7
14	Stabilization of the number of Bose-Einstein-condensed atoms in evaporative cooling via three-body recombination loss. <i>Physical Review A</i> , 2003, 68, .	2.5	5
15	Analysis of a Laser-Cooled Mach-Zehnder Atomic Interferometer. <i>Japanese Journal of Applied Physics</i> , 1995, 34, 3298-3302.	1.5	2
16	Ultrafast coherent control of spinor Bose-Einstein condensates using stimulated Raman adiabatic passage. <i>Physical Review A</i> , 2016, 94, .	2.5	2
17	Completely scrambled memory for quantum superposition. <i>Scientific Reports</i> , 2019, 9, 1147.	3.3	2
18	Security enhanced memory for quantum state. <i>Scientific Reports</i> , 2017, 7, 6667.	3.3	1

#	ARTICLE	IF	CITATIONS
19	Switching Persistent Supercurrent on an Atom Chip. , 2007, , .		0
20	Trapping Atoms with a Persistent Supercurrent Atom Chip. , 2007, , .		0