

# Tetsuya Mukai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3339774/publications.pdf>

Version: 2024-02-01

20  
papers

367  
citations

1040056

9  
h-index

839539

18  
g-index

20  
all docs

20  
docs citations

20  
times ranked

372  
citing authors

#	ARTICLE	IF	CITATIONS
1	Completely scrambled memory for quantum superposition. Scientific Reports, 2019, 9, 1147.	3.3	2
2	Polarization insensitive frequency conversion for an atom-photon entanglement distribution via a telecom network. Nature Communications, 2018, 9, 1997.	12.8	65
3	Security enhanced memory for quantum state. Scientific Reports, 2017, 7, 6667.	3.3	1
4	Heralded single excitation of atomic ensemble via solid-state-based telecom photon detection. Optica, 2016, 3, 1279.	9.3	20
5	Ultrafast coherent control of spinor Bose-Einstein condensates using stimulated Raman adiabatic passage. Physical Review A, 2016, 94, .	2.5	2
6	Macroscopic quantum information processing using spin coherent states. Optics Communications, 2015, 337, 102-109.	2.1	49
7	Coherent all-optical control of ultracold atoms arrays in permanent magnetic traps. Optics Express, 2014, 22, 3501.	3.4	29
8	Bose-Einstein condensate on a persistent-supercurrent atom chip. Applied Physics B: Lasers and Optics, 2014, 116, 821-829.	2.2	8
9	Stable Neutral Atom Trap with a Thin Superconducting Disc. Physical Review Letters, 2009, 103, 253002.	7.8	22
10	Stability of a superconductive atom chip with persistent current. Physical Review A, 2009, 79, .	2.5	28
11	Switching Persistent Supercurrent on an Atom Chip. , 2007, , .		0
12	Persistent Supercurrent Atom Chip. Physical Review Letters, 2007, 98, 260407.	7.8	70
13	Trapping Atoms with a Persistent Supercurrent Atom Chip. , 2007, , .		0
14	Efficient rapid production of a Bose-Einstein condensate by overcoming serious three-body loss. Physical Review A, 2004, 70, .	2.5	7
15	Optimization of evaporative cooling towards a large number of Bose-Einstein-condensed atoms. Physical Review A, 2003, 67, .	2.5	8
16	Stabilization of the number of Bose-Einstein-condensed atoms in evaporative cooling via three-body recombination loss. Physical Review A, 2003, 68, .	2.5	5
17	Dynamics of evaporative cooling in magnetically trapped atomic hydrogen. Physical Review A, 2000, 62, .	2.5	9
18	Stability of solutions of the nonlinear Schrödinger equation for trapped Bose-condensed atoms with negative scattering lengths. Physical Review A, 1997, 55, 3639-3644.	2.5	9

#	ARTICLE	IF	CITATIONS
19	Dressed-atom spectroscopy of cold Cs atoms. Journal of the Optical Society of America B: Optical Physics, 1996, 13, 2696.	2.1	31
20	Analysis of a Laser-Cooled Mach-Zehnder Atomic Interferometer. Japanese Journal of Applied Physics, 1995, 34, 3298-3302.	1.5	2