

# Tian Xia

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9819792/publications.pdf>

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8  
papers

432  
citations

1683354

5  
h-index

1872312

6  
g-index

9  
all docs

9  
docs citations

9  
times ranked

433  
citing authors

#	ARTICLE	IF	CITATIONS
1	Randomized Benchmarking of Single-Qubit Gates in a 2D Array of Neutral-Atom Qubits. Physical Review Letters, 2015, 114, 100503.	2.9	187
2	Rydberg-blockade controlled-not gate and entanglement in a two-dimensional array of neutral-atom qubits. Physical Review A, 2015, 92, .	1.0	186
3	Analysis of a controlled phase gate using circular Rydberg states. Physical Review A, 2013, 88, .	1.0	31
4	Polarization and hyperfine transitions of metastable $^{129}\text{Xe}$ in discharge	1.0	12
5	Hyperfine frequencies of $^{87}\text{Rb}$ and $^{133}\text{Cs}$ atoms in Xe gas. Physical Review A, 2011, 84, .	1.0	12
6	Magic wavelengths of the Yb ( $6s^2 S_{01} \leftrightarrow 6s6p P_{13}$ ) intercombination transition. Physical Review A, 2020, 102, .	1.0	4
7	Nonlinear pressure shifts of alkali-metal atoms in Xenon. , 2011, , .		0
8	Towards scalable quantum information processing with cold atoms and Rydberg blockade. Proceedings of SPIE, 2015, , .	0.8	0