

# Dong Ruan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6294157/publications.pdf>

Version: 2024-02-01

12  
papers

284  
citations

1163117

8  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

302  
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient quantum simulation of photosynthetic light harvesting. Npj Quantum Information, 2018, 4, .	6.7	92
2	Duality quantum algorithm efficiently simulates open quantum systems. Scientific Reports, 2016, 6, 30727.	3.3	50
3	Experimental Realization of Sensitivity Enhancement and Suppression with Exceptional Surfaces. Laser and Photonics Reviews, 2021, 15, 2000569.	8.7	38
4	Single-Photon-Memory Two-Step Quantum Secure Direct Communication Relying on Einstein-Podolsky-Rosen Pairs. IEEE Access, 2020, 8, 121146-121161.	4.2	31
5	Quantum spacetime on a quantum simulator. Communications Physics, 2019, 2, .	5.3	20
6	Simultaneous two-way classical communication and measurement-device-independent quantum key distribution with coherent states. Physical Review A, 2020, 101, .	2.5	14
7	Experimental realization of noise-induced adiabaticity in nuclear magnetic resonance. Physical Review A, 2018, 97, .	2.5	12
8	Instant ghost imaging: algorithm and on-chip implementation. Optics Express, 2020, 28, 3607.	3.4	9
9	SP-ILC: Concurrent Single-Pixel Imaging, Object Location, and Classification by Deep Learning. Photonics, 2021, 8, 400.	2.0	7
10	Characterizing quantum simulations with quantum tomography on a spin quantum simulator. Physical Review A, 2021, 103, .	2.5	6
11	Instant single-pixel imaging: on-chip real-time implementation based on the instant ghost imaging algorithm. OSA Continuum, 2020, 3, 629.	1.8	4
12	Experimental observation of a quadrupolar phase via quench dynamics on a spin simulator. Physical Review A, 2021, 104, .	2.5	1