

# Takafumi Fujita

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4635287/publications.pdf>

Version: 2024-02-01

19  
papers

1,134  
citations

840776

11  
h-index

940533

16  
g-index

20  
all docs

20  
docs citations

20  
times ranked

929  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electron g-factor determined for quantum dot circuit fabricated from (110)-oriented GaAs quantum well. Journal of Applied Physics, 2022, 131, 134305.	2.5	0
2	Distinguishing persistent effects in an undoped GaAs/AlGaAs quantum well by top-gate-dependent illumination. Journal of Applied Physics, 2021, 129, 234301.	2.5	3
3	Noise-robust classification of single-shot electron spin readouts using a deep neural network. Npj Quantum Information, 2021, 7, .	6.7	6
4	Angular momentum transfer from photon polarization to an electron spin in a gate-defined quantum dot. Nature Communications, 2019, 10, 2991.	12.8	37
5	Photogeneration of a single electron from a single Zeeman-resolved light-hole exciton with preserved angular momentum. Physical Review B, 2019, 99, .	3.2	16
6	Nonlinear and dot-dependent Zeeman splitting in GaAs/AlGaAs quantum dot arrays. Physical Review B, 2018, 97, .	3.2	7
7	Single electron-photon pair creation from a single polarization-entangled photon pair. Scientific Reports, 2017, 7, 16968.	3.3	10
8	Conversion from Single Photon to Single Electron Spin Using Electrically Controllable Quantum Dots. Journal of the Physical Society of Japan, 2017, 86, 011008.	1.6	14
9	Signatures of Hyperfine, Spin-Orbit, and Decoherence Effects in a Pauli Spin Blockade. Physical Review Letters, 2016, 117, 206802.	7.8	25
10	Tuning the electrically evaluated electron Landé g-factor in GaAs quantum dots and quantum wells of different well widths. Physical Review B, 2014, 90, .	3.2	12
11	Single photoelectron detection after selective excitation of electron heavy-hole and electron light-hole pairs in double quantum dots. Physical Review B, 2014, 90, .	3.2	10
12	Nondestructive Real-Time Measurement of Charge and Spin Dynamics of Photoelectrons in a Double Quantum Dot. Physical Review Letters, 2013, 110, 266803.	7.8	26
13	Angular momentum transfer between a circularly polarized photon and an electron spin in double quantum dots. , 2011, , .		0
14	Development of a Numerical Algorithm for Identifying Single Photon Detection with a Quantum Dot. AIP Conference Proceedings, 2011, , .	0.4	0
15	Single-Shot Detection of Electrons Generated by Individual Photons in a Tunable Lateral Quantum Dot. Physical Review Letters, 2011, 106, 146804.	7.8	20
16	Involvement of acis-element that binds an H2TF-I/NF $\kappa$ B like factor(s) in the virus-induced interferon- $\beta$ gene expression. Nucleic Acids Research, 1989, 17, 3335-3346.	14.5	129
17	Induction of endogenous IFN- $\alpha$ and IFN- $\beta$ genes by a regulatory transcription factor, IRF-1. Nature, 1989, 337, 270-272.	27.8	381
18	Induction of the transcription factor IRF-1 and interferon-beta mRNAs by cytokines and activators of second-messenger pathways.. Proceedings of the National Academy of Sciences of the United States of America, 1989, 86, 9936-9940.	7.1	288

#	ARTICLE	IF	CITATIONS
19	Evidence for a nuclear factor(s), IRF-1, mediating induction and silencing properties to human IFN-beta gene regulatory elements. EMBO Journal, 1988, 7, 3397-405.	7.8	150