

# 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	Induction of endogenous IFN- $\beta$ and IFN- $\gamma$ genes by a regulatory transcription factor, IRF-1. Nature, 1989, 337, 270-272.	27.8	381
2	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
3	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
4	Involvement of cis-element that binds an H2TF-1/NF $\kappa$ B like factor(s) in the virus-induced interferon- $\gamma$ gene expression. Nucleic Acids Research, 1989, 17, 3335-3346.	14.5	129
5	Angular momentum transfer from photon polarization to an electron spin in a gate-defined quantum dot. Nature Communications, 2019, 10, 2991.	12.8	37
6	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
7	Signatures of Hyperfine, Spin-Orbit, and Decoherence Effects in a Pauli Spin Blockade. Physical Review Letters, 2016, 117, 206802.	7.8	25
8	Single-Shot Detection of Electrons Generated by Individual Photons in a Tunable Lateral Quantum Dot. Physical Review Letters, 2011, 106, 146804.	7.8	20
9	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
10	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
11	Tuning the electrically evaluated electron Land $\tilde{\alpha}$ factor in GaAs quantum dots and quantum wells of different well widths. Physical Review B, 2014, 90, .	3.2	12
12	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
13	Single electron-photon pair creation from a single polarization-entangled photon pair. Scientific Reports, 2017, 7, 16968.	3.3	10
14	Nonlinear and dot-dependent Zeeman splitting in GaAs/AlGaAs quantum dot arrays. Physical Review B, 2018, 97, .	3.2	7
15	Noise-robust classification of single-shot electron spin readouts using a deep neural network. Npj Quantum Information, 2021, 7, .	6.7	6
16	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
17	Angular momentum transfer between a circularly polarized photon and an electron spin in double quantum dots. , 2011, , .		0
18	Development of a Numerical Algorithm for Identifying Single Photon Detection with a Quantum Dot. AIP Conference Proceedings, 2011, , .	0.4	0

#	ARTICLE	IF	CITATIONS
19	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