

# Taichiro Fukui

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5522642/publications.pdf>

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14  
papers

190  
citations

1478505

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h-index

1588992

8  
g-index

15  
all docs

15  
docs citations

15  
times ranked

109  
citing authors

#	ARTICLE	IF	CITATIONS
1	Compact symmetric polarization rotator-splitter on InP. Optics Express, 2022, 30, 4179.	3.4	6
2	Single-Pixel Imaging Using Multimode Fiber and Silicon Photonic Phased Array. Journal of Lightwave Technology, 2021, 39, 839-844.	4.6	44
3	Integrated dual-polarization coherent receiver without a polarization splitter-rotator. Optics Express, 2021, 29, 1711.	3.4	6
4	Single-Pixel Imaging Using Carrier-Depletion Optical Phased Array With Reduced Phase Shift Requirement. IEEE Photonics Journal, 2021, 13, 1-5.	2.0	6
5	Efficient InGaAsP MQW-based polarization controller without active-passive integration. Optics Express, 2021, 29, 10538.	3.4	6
6	Resolution limit of single-pixel speckle imaging using multimode fiber and optical phased array. Journal of the Optical Society of America B: Optical Physics, 2021, 38, 379.	2.1	17
7	Non-redundant optical phased array. Optica, 2021, 8, 1350.	9.3	32
8	Effect of Limited Phase Shift on Single-Pixel Imaging using Carrier-Depletion Silicon Photonic Phased Array. , 2021, , .		0
9	Mode-Evolution-based Symmetrical Polarization Splitter-Rotator on Monolithic InP Platform. , 2021, , .		1
10	Improved Ferroelectric/Semiconductor Interface Properties in $\text{Hf}_{0.5}\text{Zr}_{0.5}\text{O}_2$ Ferroelectric FETs by Low-Temperature Annealing. IEEE Electron Device Letters, 2020, 41, 1588-1591.	3.9	65
11	Single-pixel imaging through multimode fiber using silicon optical phased array chip. , 2020, , .		2
12	Single-Pixel Imaging Using Optical Phased Array Chip. , 2020, , .		0
13	On Ghost Imaging Using Multimode Fiber and Integrated Optical Phased Array. , 2019, , .		1
14	Optimization based on the condition number of the speckle patterns in single-pixel imaging using optical phased arrays. Japanese Journal of Applied Physics, 0, , .	1.5	4