

# Yosuke Tamada

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

39  
papers

1,192  
citations

18  
h-index

34  
g-index

60  
ext. papers

1,528  
ext. citations

7.6  
avg, IF

4.16  
L-index

#	Paper	IF	Citations
39	Single-shot common-path off-axis digital holography: applications in bioimaging and optical metrology [Invited]. <i>Applied Optics</i> , <b>2021</b> , 60, A195-A204	1.7	8
38	Functional interplay of histone lysine 2-hydroxyisobutyrylation and acetylation in Arabidopsis under dark-induced starvation. <i>Nucleic Acids Research</i> , <b>2021</b> , 49, 7347-7360	20.1	1
37	Multi-Physical Parameter Cross-Sectional Imaging of Quantitative Phase and Fluorescence by Integrated Multimodal Microscopy. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , <b>2021</b> , 27, 1-9	3.8	2
36	Multimodal Microscopy: Fast Acquisition of Quantitative Phase and Fluorescence Imaging in 3D Space. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , <b>2021</b> , 27, 1-11	3.8	6
35	Functional and expressional analyses of apple FLC-like in relation to dormancy progress and flower bud development. <i>Tree Physiology</i> , <b>2021</b> , 41, 562-570	4.2	9
34	Global transcriptome analysis reveals dynamic gene expression profiling and provides insights into biosynthesis of resveratrol and anthraquinones in a medicinal plant <i>Polygonum cuspidatum</i> . <i>Industrial Crops and Products</i> , <b>2021</b> , 171, 113919	5.9	2
33	Low-cost multi-modal microscope using Raspberry Pi. <i>Optik</i> , <b>2020</b> , 212, 164713	2.5	2
32	Digital Holographic Multimodal Cross-Sectional Fluorescence and Quantitative Phase Imaging System. <i>Scientific Reports</i> , <b>2020</b> , 10, 7580	4.9	7
31	Genomes of the Venus Flytrap and Close Relatives Unveil the Roots of Plant Carnivory. <i>Current Biology</i> , <b>2020</b> , 30, 2312-2320.e5	6.3	25
30	Common-path multimodal three-dimensional fluorescence and phase imaging system. <i>Journal of Biomedical Optics</i> , <b>2020</b> , 25, 1-15	3.5	29
29	Single-shot common-path off-axis dual-wavelength digital holographic microscopy. <i>Applied Optics</i> , <b>2020</b> , 59, 7144-7152	1.7	9
28	Vibration characteristics of the welding tip and welding sample in ultrasonic welding using planar vibration. <i>Acoustical Science and Technology</i> , <b>2020</b> , 41, 645-653	0.5	1
27	Imaging performance of microscopy adaptive-optics system using scene-based wavefront sensing. <i>Journal of Biomedical Optics</i> , <b>2020</b> , 25,	3.5	1
26	Calcium dynamics during trap closure visualized in transgenic Venus flytrap. <i>Nature Plants</i> , <b>2020</b> , 6, 1219-1224	11.2	30
25	DNA damage triggers reprogramming of differentiated cells into stem cells in <i>Physcomitrella</i> . <i>Nature Plants</i> , <b>2020</b> , 6, 1098-1105	11.5	11
24	Complex amplitude mapping based on adaptive autofocusing algorithm. <i>Optical Review</i> , <b>2019</b> , 26, 342-348	0.8	3
23	Single-cell transcriptome analysis of <i>Physcomitrella</i> leaf cells during reprogramming using microcapillary manipulation. <i>Nucleic Acids Research</i> , <b>2019</b> , 47, 4539-4553	20.1	21

22	Physcomitrella STEMIN transcription factor induces stem cell formation with epigenetic reprogramming. <i>Nature Plants</i> , <b>2019</b> , 5, 681-690	11.5	16
21	Numerical evaluation of transport-of-intensity phase imaging with oblique illumination for refractive index tomography <b>2019</b> ,		1
20	Contrast enhancement by oblique illumination microscopy with an LED array. <i>Optik</i> , <b>2019</b> , 183, 92-98	2.5	3
19	Physcomitrella MADS-box genes regulate water supply and sperm movement for fertilization. <i>Nature Plants</i> , <b>2018</b> , 4, 36-45	11.5	27
18	Mobile-phone-based Rheinberg microscope with a light-emitting diode array. <i>Journal of Biomedical Optics</i> , <b>2018</b> , 24, 1-6	3.5	2
17	A Lin28 homologue reprograms differentiated cells to stem cells in the moss <i>Physcomitrella patens</i> . <i>Nature Communications</i> , <b>2017</b> , 8, 14242	17.4	26
16	Artificial testing targets with controllable blur for adaptive optics microscopes. <i>Optical Engineering</i> , <b>2017</b> , 56, 1	1.1	1
15	The Polycomb group protein CLF emerges as a specific tri-methylase of H3K27 regulating gene expression and development in <i>Physcomitrella patens</i> . <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , <b>2016</b> , 1859, 860-70	6	14
14	A flowering integrator, SOC1, affects stomatal opening in <i>Arabidopsis thaliana</i> . <i>Plant and Cell Physiology</i> , <b>2015</b> , 56, 640-9	4.9	28
13	Optical Property Analyses of Plant Cells for Adaptive Optics Microscopy. <i>International Journal of Optomechatronics</i> , <b>2014</b> , 8, 89-99	3.5	11
12	WOX13-like genes are required for reprogramming of leaf and protoplast cells into stem cells in the moss <i>Physcomitrella patens</i> . <i>Development (Cambridge)</i> , <b>2014</b> , 141, 1660-70	6.6	83
11	KNOX2 genes regulate the haploid-to-diploid morphological transition in land plants. <i>Science</i> , <b>2013</b> , 339, 1067-70	33.3	100
10	FLC: a hidden polycomb response element shows up in silence. <i>Plant and Cell Physiology</i> , <b>2012</b> , 53, 785-93	4.9	20
9	<i>Arabidopsis trithorax-related3</i> /SET domain GROUP2 is required for the winter-annual habit of <i>Arabidopsis thaliana</i> . <i>Plant and Cell Physiology</i> , <b>2012</b> , 53, 834-46	4.9	48
8	Polycomb proteins regulate the quantitative induction of VERNALIZATION INSENSITIVE 3 in response to low temperatures. <i>Plant Journal</i> , <b>2011</b> , 65, 382-91	6.9	29
7	Growth habit determination by the balance of histone methylation activities in <i>Arabidopsis</i> . <i>EMBO Journal</i> , <b>2010</b> , 29, 3208-15	13	83
6	ARABIDOPSIS TRITHORAX-RELATED7 is required for methylation of lysine 4 of histone H3 and for transcriptional activation of FLOWERING LOCUS C. <i>Plant Cell</i> , <b>2009</b> , 21, 3257-69	11.6	149
5	Histone H2B deubiquitination is required for transcriptional activation of FLOWERING LOCUS C and for proper control of flowering in <i>Arabidopsis</i> . <i>Plant Physiology</i> , <b>2009</b> , 149, 1196-204	6.6	80

4	Temporary expression of the TAF10 gene and its requirement for normal development of <i>Arabidopsis thaliana</i> . <i>Plant and Cell Physiology</i> , <b>2007</b> , 48, 134-46	4.9	18
3	Epigenetic maintenance of the vernalized state in <i>Arabidopsis thaliana</i> requires LIKE HETEROCHROMATIN PROTEIN 1. <i>Nature Genetics</i> , <b>2006</b> , 38, 706-10	36.3	257
2	Abundant expression in vascular tissue of plant TAF10, an orthologous gene for TATA box-binding protein-associated factor 10, in <i>Flaveria trinervia</i> and abnormal morphology of <i>Arabidopsis thaliana</i> transformants on its overexpression. <i>Plant and Cell Physiology</i> , <b>2005</b> , 46, 108-17	4.9	19
1	Effect of photooxidative destruction of chloroplasts on the expression of nuclear genes for C4 photosynthesis and for chloroplast biogenesis in maize. <i>Journal of Plant Physiology</i> , <b>2003</b> , 160, 3-8	3.6	5