

# Yookyung Jung

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8517321/publications.pdf>

Version: 2024-02-01

25  
papers

1,485  
citations

516710

16  
h-index

610901

24  
g-index

26  
all docs

26  
docs citations

26  
times ranked

2849  
citing authors

#	ARTICLE	IF	CITATIONS
1	Distinct bone marrow blood vessels differentially regulate haematopoiesis. <i>Nature</i> , 2016, 532, 323-328.	27.8	553
2	A multimodal platform for nonlinear optical microscopy and microspectroscopy. <i>Optics Express</i> , 2009, 17, 1282.	3.4	126
3	Staged development of long-lived T-cell receptor $\alpha\beta$ T H 17 resident memory T-cell population to <i>Candida albicans</i> after skin infection. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 647-662.	2.9	104
4	Label-free imaging of semiconducting and metallic carbon nanotubes in cells and mice using transient absorption microscopy. <i>Nature Nanotechnology</i> , 2012, 7, 56-61.	31.5	93
5	Vibrational imaging of tablets by epi-detected stimulated Raman scattering microscopy. <i>Analyst</i> , The, 2010, 135, 2613.	3.5	91
6	In Vitro and In Vivo Nonlinear Optical Imaging of Silicon Nanowires. <i>Nano Letters</i> , 2009, 9, 2440-2444.	9.1	60
7	Label-Free Imaging of Lipid-Droplet Intracellular Motion in Early <i>Drosophila</i> Embryos Using Femtosecond-Stimulated Raman Loss Microscopy. <i>Biophysical Journal</i> , 2012, 102, 1666-1675.	0.5	52
8	Fast Detection of the Metallic State of Individual Single-Walled Carbon Nanotubes Using a Transient-Absorption Optical Microscope. <i>Physical Review Letters</i> , 2010, 105, 217401.	7.8	46
9	Imaging the Vascular Bone Marrow Niche During Inflammatory Stress. <i>Circulation Research</i> , 2018, 123, 415-427.	4.5	45
10	Pathologic angiogenesis in the bone marrow of humanized sickle cell mice is reversed by blood transfusion. <i>Blood</i> , 2020, 135, 2071-2084.	1.4	44
11	Imaging Gold Nanorods by Plasmon-Resonance-Enhanced Four Wave Mixing. <i>Journal of Physical Chemistry C</i> , 2009, 113, 2657-2663.	3.1	40
12	Longitudinal, 3D In Vivo Imaging of Sebaceous Glands by Coherent Anti-Stokes Raman Scattering Microscopy: Normal Function and Response to Cryotherapy. <i>Journal of Investigative Dermatology</i> , 2015, 135, 39-44.	0.7	36
13	Comprehensive Evaluation of Peripheral Nerve Regeneration in the Acute Healing Phase Using Tissue Clearing and Optical Microscopy in a Rodent Model. <i>PLoS ONE</i> , 2014, 9, e94054.	2.5	34
14	Bone marrow endothelial dysfunction promotes myeloid cell expansion in cardiovascular disease. , 2022, 1, 28-44.		32
15	Longitudinal, label-free, quantitative tracking of cell death and viability in a 3D tumor model with OCT. <i>Scientific Reports</i> , 2016, 6, 27017.	3.3	25
16	Transient Alterations of Cutaneous Sensory Nerve Function by Noninvasive Cryolipolysis. <i>Journal of Investigative Dermatology</i> , 2015, 135, 2623-2631.	0.7	24
17	Proton export alkalinizes intracellular pH and reprograms carbon metabolism to drive normal and malignant cell growth. <i>Blood</i> , 2022, 139, 502-522.	1.4	23
18	Imaging dynamic mTORC1 pathway activity in vivo reveals marked shifts that support time-specific inhibitor therapy in AML. <i>Nature Communications</i> , 2021, 12, 245.	12.8	18

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19	Label-Free, Longitudinal Visualization of PDT Response <i>In Vitro</i> with Optical Coherence Tomography. <i>Israel Journal of Chemistry</i> , 2012, 52, 728-744.	2.3	16
20	Intravital Imaging of Mouse Bone Marrow: Hemodynamics and Vascular Permeability. <i>Methods in Molecular Biology</i> , 2018, 1763, 11-22.	0.9	7
21	Intravital fluorescence microscopy with negative contrast. <i>PLoS ONE</i> , 2021, 16, e0255204.	2.5	6
22	Photothermal heterodyne phase imaging of gold seed and germanium nanowire. <i>Proceedings of SPIE</i> , 2010, , .	0.8	1
23	Epigenetic Activation of the pH Regulator MCT4 in Acute Myeloid Leukemia Exploits a Fundamental Metabolic Process of Enhancing Cell Growth through Proton Shifting. <i>Blood</i> , 2019, 134, 3765-3765.	1.4	1
24	Distinct Bone Marrow Blood Vessels Differentially Regulate Normal and Malignant Hematopoietic Stem and Progenitor Cells. <i>Blood</i> , 2015, 126, 664-664.	1.4	1
25	Intravital Negative Contrast Microscopy of the Mouse Bone Marrow and Lymph Node. , 2020, , .		0