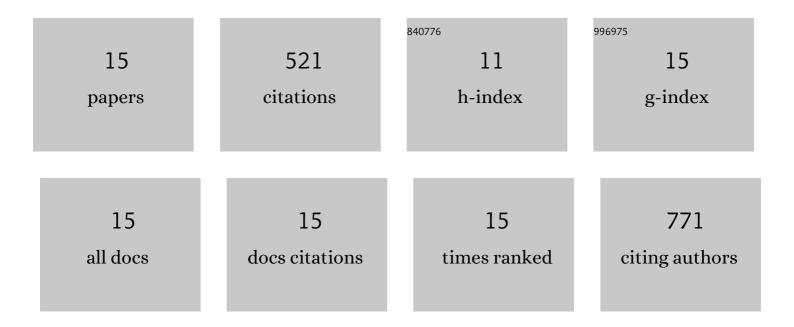
## Takuma Sugi

List of Publications by Year in descending order

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TAKUMA SUCI

#	Article	IF	CITATION
1	All-Optical Wide-Field Selective Imaging of Fluorescent Nanodiamonds in Cells, <i>In Vivo</i> and <i>Ex Vivo</i> . ACS Nano, 2021, 15, 12869-12879.	14.6	10
2	Tracking the 3D Rotational Dynamics in Nanoscopic Biological Systems. Journal of the American Chemical Society, 2020, 142, 7542-7554.	13.7	34
3	C. elegans collectively forms dynamical networks. Nature Communications, 2019, 10, 683.	12.8	37
4	Noninvasive Mechanochemical Imaging in Unconstrained Caenorhabditis elegans. Materials, 2018, 11, 1034.	2.9	7
5	Genome Editing in C. elegans and Other Nematode Species. International Journal of Molecular Sciences, 2016, 17, 295.	4.1	16
6	Nanoscale Mechanical Stimulation Method for Quantifying C. elegans Mechanosensory Behavior and Memory. Analytical Sciences, 2016, 32, 1159-1164.	1.6	13
7	Optically Detected Magnetic Resonance of Nanodiamonds <i>In Vivo</i> ; Implementation of Selective Imaging and Fast Sampling. Journal of Nanoscience and Nanotechnology, 2015, 15, 1014-1021.	0.9	18
8	Versatile strategy for isolating transcription activatorâ€like effector nucleaseâ€mediated knockout mutants in <i><scp>C</scp>aenorhabditis elegans</i> . Development Growth and Differentiation, 2014, 56, 78-85.	1.5	12
9	High-throughput optical quantification of mechanosensory habituation reveals neurons encoding memory in <i>Caenorhabditis elegans</i> . Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 17236-17241.	7.1	15
10	Simplified method for cell-specific gene expression analysis in Caenorhabditis elegans. Biochemical and Biophysical Research Communications, 2014, 450, 330-334.	2.1	1
11	Real-Time Background-Free Selective Imaging of Fluorescent Nanodiamonds in Vivo. Nano Letters, 2012, 12, 5726-5732.	9.1	177
12	Regulation of behavioral plasticity by systemic temperature signaling in Caenorhabditis elegans. Nature Neuroscience, 2011, 14, 984-992.	14.8	70
13	Identification of the AFD neuron as the site of action of the CREB protein in <i>Caenorhabditis elegans</i> thermotaxis. EMBO Reports, 2011, 12, 855-862.	4.5	52
14	Structural insights into the PIP2 recognition by syntenin-1 PDZ domain. Biochemical and Biophysical Research Communications, 2008, 366, 373-378.	2.1	12
15	Crystal structures of autoinhibitory PDZ domain of Tamalin: implications for metabotropic glutamate receptor trafficking regulation. EMBO Journal, 2007, 26, 2192-2205.	7.8	47