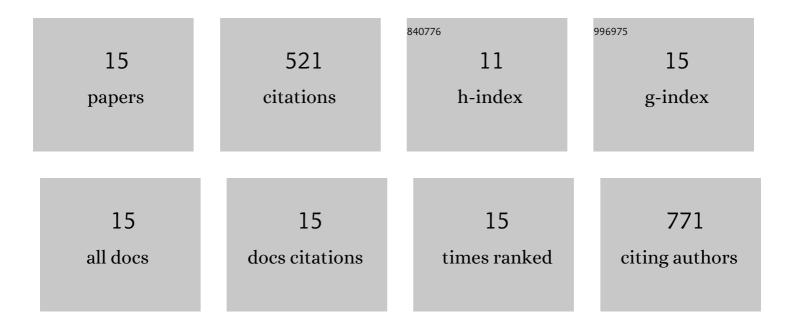
Takuma Sugi

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 |