

Keitaro Umezawa

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3535200/keitaro-umezawa-publications-by-citations.pdf>
Version: 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22 papers	2,260 citations	16 h-index	24 g-index
24 ext. papers	2,574 ext. citations	8.2 avg, IF	4.81 L-index

#	Paper	IF	Citations
22	A near-infrared fluorophore for live-cell super-resolution microscopy of cellular proteins. <i>Nature Chemistry</i> , 2013 , 5, 132-9	17.6	607
21	Bright, color-tunable fluorescent dyes in the visible-near-infrared region. <i>Journal of the American Chemical Society</i> , 2008 , 130, 1550-1	16.4	349
20	Rational design of reversible fluorescent probes for live-cell imaging and quantification of fast glutathione dynamics. <i>Nature Chemistry</i> , 2017 , 9, 279-286	17.6	276
19	Bright, color-tunable fluorescent dyes in the Vis/NIR region: establishment of new "tailor-made" multicolor fluorophores based on borondipyrromethene. <i>Chemistry - A European Journal</i> , 2009 , 15, 10964-10968	4.8	215
18	Fluorogenic Probes for Multicolor Imaging in Living Cells. <i>Journal of the American Chemical Society</i> , 2016 , 138, 9365-8	16.4	149
17	New trends in near-infrared fluorophores for bioimaging. <i>Analytical Sciences</i> , 2014 , 30, 327-49	1.7	140
16	A fluorescent sensor for GABA and synthetic GABA(B) receptor ligands. <i>Journal of the American Chemical Society</i> , 2012 , 134, 19026-34	16.4	81
15	Selective chemical crosslinking reveals a Cep57-Cep63-Cep152 centrosomal complex. <i>Current Biology</i> , 2013 , 23, 265-70	6.3	78
14	A near-infrared fluorescent calcium probe: a new tool for intracellular multicolour Ca ²⁺ imaging. <i>Chemical Communications</i> , 2011 , 47, 10407-9	5.8	76
13	Water-soluble NIR fluorescent probes based on squaraine and their application for protein labeling. <i>Analytical Sciences</i> , 2008 , 24, 213-7	1.7	61
12	Silicon Rhodamine-Based Near-Infrared Fluorescent Probe for α -Glutamyltransferase. <i>Bioconjugate Chemistry</i> , 2018 , 29, 241-244	6.3	52
11	A novel luciferin-based bright chemiluminescent probe for the detection of reactive oxygen species. <i>Chemical Communications</i> , 2009 , 3047-9	5.8	48
10	A Reversible Fluorescent Probe for Real-Time Live-Cell Imaging and Quantification of Endogenous Hydropolysulfides. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 9346-9350	16.4	36
9	Spontaneously Blinking Fluorophores Based on Nucleophilic Addition/Dissociation of Intracellular Glutathione for Live-Cell Super-resolution Imaging. <i>Journal of the American Chemical Society</i> , 2020 , 142, 9625-9633	16.4	24
8	Development of an Activatable Fluorescent Probe for Prostate Cancer Imaging. <i>Bioconjugate Chemistry</i> , 2017 , 28, 2069-2076	6.3	19
7	A Squaraine-based Near-infrared Dye with Bright Fluorescence and Solvatochromic Property. <i>Chemistry Letters</i> , 2007 , 36, 1424-1425	1.7	18
6	Visualizing biochemical activities in living cells through chemistry. <i>Chimia</i> , 2011 , 65, 868-71	1.3	13

5	Development of UV-excitabile red and near-infrared fluorescent labels and their application for simultaneous multicolor bioimaging by single-wavelength excitation. <i>Journal of Fluorescence</i> , 2013 , 23, 1007-18	2.4	7
4	A Reversible Fluorescent Probe for Real-Time Live-Cell Imaging and Quantification of Endogenous Hydropolysulfides. <i>Angewandte Chemie</i> , 2018 , 130, 9490-9494	3.6	6
3	Cell-based in vivo dual imaging probes using genetically expressed tags and chemical contrast agents. <i>Chemical Communications</i> , 2009 , 4040-2	5.8	2
2	Fumarate accumulation involved in renal diabetic fibrosis in Goto-Kakizaki rats. <i>Archives of Biochemistry and Biophysics</i> , 2019 , 678, 108167	4.1	2
1	Neural and behavioral control in by a yellow-light-activatable caged compound. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	1