

# Masahiro Kumeta

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7205129/publications.pdf>

Version: 2024-02-01

19  
papers

360  
citations

759233

12  
h-index

839539

18  
g-index

19  
all docs

19  
docs citations

19  
times ranked

668  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular mechanisms underlying nucleocytoplasmic shuttling of actinin-4. <i>Journal of Cell Science</i> , 2010, 123, 1020-1030.	2.0	47
2	In vivo dynamics of the cortical actin network revealed by fast-scanning atomic force microscopy. <i>Microscopy (Oxford, England)</i> , 2017, 66, 272-282.	1.5	36
3	Nucleocytoplasmic Shuttling of Cytoskeletal Proteins: Molecular Mechanism and Biological Significance. <i>International Journal of Cell Biology</i> , 2012, 2012, 1-12.	2.5	29
4	Proteomic and targeted analytical identification of BXDC1 and EBNA1BP2 as dynamic scaffold proteins in the nucleolus. <i>Genes To Cells</i> , 2009, 14, 155-166.	1.2	27
5	Antibody-based analysis reveals "filamentous vs. non-filamentous" and "cytoplasmic vs. nuclear" crosstalk of cytoskeletal proteins. <i>Experimental Cell Research</i> , 2013, 319, 3226-3237.	2.6	27
6	Structural Mechanism of Nuclear Transport Mediated by Importin $\beta^2$ and Flexible Amphiphilic Proteins. <i>Structure</i> , 2014, 22, 1699-1710.	3.3	27
7	Karyopherin-independent spontaneous transport of amphiphilic proteins through the nuclear pore. <i>Journal of Cell Science</i> , 2012, 125, 4979-84.	2.0	26
8	Probing the stiffness of isolated nucleoli by atomic force microscopy. <i>Histochemistry and Cell Biology</i> , 2014, 141, 365-381.	1.7	23
9	Intermolecular disulfide bonds among nucleoporins regulate karyopherin-dependent nuclear transport. <i>Journal of Cell Science</i> , 2013, 126, 3141-50.	2.0	19
10	Dynamics of WD-repeat containing proteins in SSU processome components. <i>Biochemistry and Cell Biology</i> , 2014, 92, 191-199.	2.0	16
11	Caprice/MISP is a novel F-actin bundling protein critical for actin-based cytoskeletal reorganizations. <i>Genes To Cells</i> , 2014, 19, 338-349.	1.2	16
12	Nuclear matrix contains novel WD-repeat and disordered region-rich proteins. <i>FEBS Letters</i> , 2008, 582, 3515-3519.	2.8	15
13	Cell type-specific suppression of mechanosensitive genes by audible sound stimulation. <i>PLoS ONE</i> , 2018, 13, e0188764.	2.5	14
14	Prolines in the $\beta$ -helix confer the structural flexibility and functional integrity of importin $\beta^2$ . <i>Journal of Cell Science</i> , 2018, 131, .	2.0	10
15	Dissecting in vivo steady-state dynamics of karyopherin-dependent nuclear transport. <i>Molecular Biology of the Cell</i> , 2016, 27, 167-176.	2.1	9
16	N-terminal dual lipidation-coupled molecular targeting into the primary cilium. <i>Genes To Cells</i> , 2018, 23, 715-723.	1.2	8
17	Analyses of Nuclear Proteins and Nucleic Acid Structures Using Atomic Force Microscopy. <i>Methods in Molecular Biology</i> , 2015, 1262, 119-153.	0.9	7
18	Redox-Sensitive Cysteines Confer Proximal Control of the Molecular Crowding Barrier in the Nuclear Pore. <i>Cell Reports</i> , 2020, 33, 108484.	6.4	3

#	ARTICLE	IF	CITATIONS
19	Modulation of actin-binding and -bundling activities of MISPCaprice by multiple phosphorylation. Biochemical and Biophysical Research Communications, 2021, 561, 128-135.	2.1	1