

# Mizuki Yamamoto

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

24  
papers

842  
citations

12  
h-index

28  
g-index

28  
ext. papers

1,052  
ext. citations

6.7  
avg, IF

4  
L-index

#	Paper	IF	Citations
24	The membrane-linked adaptor FRS2 $\beta$ fashions a cytokine-rich inflammatory microenvironment that promotes breast cancer carcinogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	2
23	TNF receptor-associated factor 6 (TRAF6) plays crucial roles in multiple biological systems through polyubiquitination-mediated NF- $\kappa$ B activation. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , <b>2021</b> , 97, 145-160	4	6
22	Discovery of New Fusion Inhibitor Peptides against SARS-CoV-2 by Targeting the Spike S2 Subunit. <i>Biomolecules and Therapeutics</i> , <b>2021</b> , 29, 282-289	4.2	13
21	Discovery of New Potent anti-MERS CoV Fusion Inhibitors. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 685161	5.6	4
20	Signaling Networks Involved in the Malignant Transformation of Breast Cancer. <i>Springer Proceedings in Mathematics and Statistics</i> , <b>2021</b> , 242-252	0.2	
19	(4-Hydroxyphenyl) Retinamide Suppresses SARS-CoV-2 Spike Protein-Mediated Cell-Cell Fusion by a Dihydroceramide $\Delta$ -Desaturase 1-Independent Mechanism. <i>Journal of Virology</i> , <b>2021</b> , 95, e0080721	6.6	1
18	The Anticoagulant Nafamostat Potently Inhibits SARS-CoV-2 S Protein-Mediated Fusion in a Cell Fusion Assay System and Viral Infection In Vitro in a Cell-Type-Dependent Manner. <i>Viruses</i> , <b>2020</b> , 12,	6.2	135
17	The Antimalarial Compound Atovaquone Inhibits Zika and Dengue Virus Infection by Blocking E Protein-Mediated Membrane Fusion. <i>Viruses</i> , <b>2020</b> , 12,	6.2	4
16	Small Molecule Inhibitors of Middle East Respiratory Syndrome Coronavirus Fusion by Targeting Cavities on Heptad Repeat Trimers. <i>Biomolecules and Therapeutics</i> , <b>2020</b> , 28, 311-319	4.2	10
15	TRAF6 maintains mammary stem cells and promotes pregnancy-induced mammary epithelial cell expansion. <i>Communications Biology</i> , <b>2019</b> , 2, 292	6.7	9
14	Cell-cell and virus-cell fusion assay-based analyses of alanine insertion mutants in the distal $\beta$ portion of the JRFL gp41 subunit from HIV-1. <i>Journal of Biological Chemistry</i> , <b>2019</b> , 294, 5677-5687	5.4	16
13	A method of producing genetically manipulated mouse mammary gland. <i>Breast Cancer Research</i> , <b>2019</b> , 21, 1	8.3	32
12	Six-helix bundle completion in the distal C-terminal heptad repeat region of gp41 is required for efficient human immunodeficiency virus type 1 infection. <i>Retrovirology</i> , <b>2018</b> , 15, 27	3.6	3
11	Fbxo22-mediated KDM4B degradation determines selective estrogen receptor modulator activity in breast cancer. <i>Journal of Clinical Investigation</i> , <b>2018</b> , 128, 5603-5619	15.9	26
10	Intratumoral bidirectional transitions between epithelial and mesenchymal cells in triple-negative breast cancer. <i>Cancer Science</i> , <b>2017</b> , 108, 1210-1222	6.9	15
9	Identification of Nafamostat as a Potent Inhibitor of Middle East Respiratory Syndrome Coronavirus S Protein-Mediated Membrane Fusion Using the Split-Protein-Based Cell-Cell Fusion Assay. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2016</b> , 60, 6532-6539	5.9	238
8	Enhanced expression of retinoic acid receptor alpha (RARA) induces epithelial-to-mesenchymal transition and disruption of mammary acinar structures. <i>Molecular Oncology</i> , <b>2015</b> , 9, 355-64	7.9	22

7	Tropomodulin 1 expression driven by NF- $\kappa$ B enhances breast cancer growth. <i>Cancer Research</i> , <b>2015</b> , 75, 62-72	10.1	22
6	NF- $\kappa$ B non-cell-autonomously regulates cancer stem cell populations in the basal-like breast cancer subtype. <i>Nature Communications</i> , <b>2013</b> , 4, 2299	17.4	131
5	Epigenetic alteration of the NF- $\kappa$ B-inducing kinase (NIK) gene is involved in enhanced NIK expression in basal-like breast cancer. <i>Cancer Science</i> , <b>2010</b> , 101, 2391-7	6.9	31
4	Inactivation of NF-kappaB components by covalent binding of (-)-dehydroxymethylepoxyquinomicin to specific cysteine residues. <i>Journal of Medicinal Chemistry</i> , <b>2008</b> , 51, 5780-8	8.3	105
3	Metalloproteinase-dependent and TMPRSS2-independent cell surface entry pathway of SARS-CoV-2 requires the furin-cleavage site and the S2 domain of spike protein		1
2	The anticoagulant nafamostat potently inhibits SARS-CoV-2 infection in vitro: an existing drug with multiple possible therapeutic effects		9
1	SARS-CoV-2 Omicron spike H655Y mutation is responsible for enhancement of the endosomal entry pathway and reduction of cell surface entry pathways		5