

# Masahiro Shuda

## List of Publications by Year in descending order

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Version: 2024-02-01

49  
papers

6,693  
citations

201575

27  
h-index

254106

43  
g-index

52  
all docs

52  
docs citations

52  
times ranked

5677  
citing authors

#	ARTICLE	IF	CITATIONS
1	Clonal Integration of a Polyomavirus in Human Merkel Cell Carcinoma. <i>Science</i> , 2008, 319, 1096-1100.	6.0	2,774
2	T antigen mutations are a human tumor-specific signature for Merkel cell polyomavirus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 16272-16277.	3.3	625
3	Activation of the ATF6, XBP1 and grp78 genes in human hepatocellular carcinoma: a possible involvement of the ER stress pathway in hepatocarcinogenesis. <i>Journal of Hepatology</i> , 2003, 38, 605-614.	1.8	442
4	Merkel Cell Polyomavirus-Infected Merkel Cell Carcinoma Cells Require Expression of Viral T Antigens. <i>Journal of Virology</i> , 2010, 84, 7064-7072.	1.5	386
5	Human Merkel cell polyomavirus infection I. MCV T antigen expression in Merkel cell carcinoma, lymphoid tissues and lymphoid tumors. <i>International Journal of Cancer</i> , 2009, 125, 1243-1249.	2.3	341
6	Human Merkel cell polyomavirus small T antigen is an oncoprotein targeting the 4E-BP1 translation regulator. <i>Journal of Clinical Investigation</i> , 2011, 121, 3623-3634.	3.9	308
7	Release factor RF-3 GTPase activity acts in disassembly of the ribosome termination complex. <i>Rna</i> , 1998, 4, 973-983.	1.6	168
8	Merkel Cell Polyomavirus Status Is Not Associated with Clinical Course of Merkel Cell Carcinoma. <i>Journal of Investigative Dermatology</i> , 2011, 131, 1631-1638.	0.3	153
9	Merkel Cell Polyomavirus Small T Antigen Controls Viral Replication and Oncoprotein Expression by Targeting the Cellular Ubiquitin Ligase SCFFbw7. <i>Cell Host and Microbe</i> , 2013, 14, 125-135.	5.1	144
10	The Minimum Replication Origin of Merkel Cell Polyomavirus Has a Unique Large T-Antigen Loading Architecture and Requires Small T-Antigen Expression for Optimal Replication. <i>Journal of Virology</i> , 2009, 83, 12118-12128.	1.5	126
11	Evidence for in vivo ribosome recycling, the fourth step in protein biosynthesis. <i>EMBO Journal</i> , 1998, 17, 1141-1151.	3.5	125
12	Survivin Is a Therapeutic Target in Merkel Cell Carcinoma. <i>Science Translational Medicine</i> , 2012, 4, 133ra56.	5.8	117
13	CDK1 substitutes for mTOR kinase to activate mitotic cap-dependent protein translation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 5875-5882.	3.3	109
14	Multicolor microRNA FISH effectively differentiates tumor types. <i>Journal of Clinical Investigation</i> , 2013, 123, 2694-2702.	3.9	76
15	The T Antigen Locus of Merkel Cell Polyomavirus Downregulates Human Toll-Like Receptor 9 Expression. <i>Journal of Virology</i> , 2013, 87, 13009-13019.	1.5	75
16	Merkel Cell Polyomavirus Small T Antigen Induces Cancer and Embryonic Merkel Cell Proliferation in a Transgenic Mouse Model. <i>PLoS ONE</i> , 2015, 10, e0142329.	1.1	71
17	Hepatitis C Virus Impairs p53 via Persistent Overexpression of 3Î²-Hydroxysterol Î²24-Reductase. <i>Journal of Biological Chemistry</i> , 2009, 284, 36442-36452.	1.6	58
18	Merkel Cell Polyomavirusâ€“Positive Merkel Cell Carcinoma Requires Viral Small T-Antigen for Cell Proliferation. <i>Journal of Investigative Dermatology</i> , 2014, 134, 1479-1481.	0.3	54

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19	Restricted Protein Phosphatase 2A Targeting by Merkel Cell Polyomavirus Small T Antigen. <i>Journal of Virology</i> , 2015, 89, 4191-4200.	1.5	54
20	Plant ribosome recycling factor homologue is a chloroplastic protein and is bactericidal in <i>Escherichia coli</i> carrying temperature-sensitive ribosome recycling factor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 5464-5469.	3.3	52
21	Mitotic protein kinase CDK1 phosphorylation of mRNA translation regulator 4E-BP1 Ser83 may contribute to cell transformation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 8466-8471.	3.3	46
22	Characterization of an early passage Merkel cell polyomavirus-positive Merkel cell carcinoma cell line, MS-1, and its growth in NOD scid gamma mice. <i>Journal of Virological Methods</i> , 2013, 187, 6-14.	1.0	45
23	Identification and Characterization of Differentially Expressed mRNAs in HIV Type 1-Infected Human T Cells. <i>AIDS Research and Human Retroviruses</i> , 2000, 16, 995-1005.	0.5	41
24	Conversion of Sox2-dependent Merkel cell carcinoma to a differentiated neuron-like phenotype by T antigen inhibition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 20104-20114.	3.3	41
25	Enhanced expression of mRNAs of antiseecretory factor-1, gp96, DAD1 and CDC34 in human hepatocellular carcinomas. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2001, 1536, 1-12.	1.8	37
26	MCPyV Large T Antigen-Induced Atonal Homolog 1 Is a Lineage-Dependency Oncogene in Merkel Cell Carcinoma. <i>Journal of Investigative Dermatology</i> , 2020, 140, 56-65.e3.	0.3	35
27	Merkel cell polyomavirus T antigens promote cell proliferation and inflammatory cytokine gene expression. <i>Journal of General Virology</i> , 2015, 96, 3532-3544.	1.3	34
28	Genetic and epigenetic events in human hepatocarcinogenesis (Review). <i>International Journal of Oncology</i> , 2001, 18, 1271-8.	1.4	24
29	A novel strategy for targeted killing of tumor cells: Induction of multipolar acentrosomal mitotic spindles with a quinazolinone derivative. <i>Molecular Oncology</i> , 2015, 9, 488-502.	2.1	22
30	Characterization of a Merkel Cell Polyomavirus-Positive Merkel Cell Carcinoma Cell Line CVG-1. <i>Frontiers in Microbiology</i> , 2018, 9, 713.	1.5	19
31	Molecular Cloning, Sequencing, Purification, and Characterization of <i>Pseudomonas aeruginosa</i> Ribosome Recycling Factor. <i>Journal of Bacteriology</i> , 1999, 181, 1281-1291.	1.0	18
32	Activation of Galectin-1 gene in human hepatocellular carcinoma involves methylation-sensitive complex formations at the transcriptional upstream and downstream elements. <i>International Journal of Oncology</i> , 2003, 23, 1575.	1.4	12
33	Identification of epilepsy-related genes by gene expression profiling in the hippocampus of genetically epileptic rat. <i>Molecular Brain Research</i> , 2003, 118, 147-151.	2.5	10
34	Merkel Cell Polyomavirus Downregulates N-myc Downstream-Regulated Gene 1, Leading to Cellular Proliferation and Migration. <i>Journal of Virology</i> , 2020, 94, .	1.5	10
35	Construction and characterization of two SARS-CoV-2 minigenome replicon systems. <i>Journal of Medical Virology</i> , 2022, 94, 2438-2452.	2.5	10
36	Mitotic 4E-BP1 hyperphosphorylation and cap-dependent translation. <i>Cell Cycle</i> , 2015, 14, 3005-3006.	1.3	9

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37	Replication Kinetics for a Reporter Merkel Cell Polyomavirus. <i>Viruses</i> , 2022, 14, 473.	1.5	6
38	Strategies for Human Tumor Virus Discoveries: From Microscopic Observation to Digital Transcriptome Subtraction. <i>Frontiers in Microbiology</i> , 2016, 7, 676.	1.5	4
39	ACTIVATION OF ANCHORAGE-INDEPENDENT GROWTH OF HT1080 HUMAN FIBROSARCOMA CELLS BY DEXAMETHASONE. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2002, 38, 111.	0.7	3
40	Targeting the translational machinery in gastrointestinal stromal tumors (GIST): a new therapeutic vulnerability. <i>Scientific Reports</i> , 2022, 12, 8275.	1.6	3
41	Backbone NMR assignment and secondary structure of ribosome recycling factor (RRF) from <i>Pseudomonas aeruginosa</i> . <i>Journal of Biomolecular NMR</i> , 1999, 15, 341-342.	1.6	2
42	Merkel cell polyomavirus and non-small cell lung cancer. <i>British Journal of Cancer</i> , 2013, 108, 2623-2623.	2.9	2
43	Production and characterization of monoclonal antibodies specific for major capsid VP1 protein of trichodysplasia spinulosa associated polyomavirus. <i>Microbiology and Immunology</i> , 2018, 62, 763-773.	0.7	2
44	Inhibition of human T-cell leukemia virus type I by the short oligoguanylic acids in vitro. <i>Materials Science and Engineering C</i> , 2004, 24, 887-892.	3.8	0
45	Polyomaviruses in Human Cancer. , 2018, , .		0
46	Abstract CN09-04: Molecular methods for discovering human tumor viruses: Merkel cell polyomavirus. , 2008, , .		0
47	Abstract PR5: Human Merkel cell polyomavirus causes Merkel cell carcinoma: Implication of viral etiology in human cancers. , 2011, , .		0
48	Rapid rational drug targeting of Merkel cell polyomavirus (MCV)-positive Merkel cell carcinoma (MCC) using the survivin inhibitor YM155.. <i>Journal of Clinical Oncology</i> , 2012, 30, 8577-8577.	0.8	0
49	Abstract 5085: Inducing multipolarity of acentrosomal mitotic spindles as a novel tumor-specific targeting strategy revealed by the antimitotic effect of mdivi-1. , 2014, , .		0