

# Takashi Onodera

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

968  
citations

759233

12  
h-index

477307

29  
g-index

34  
all docs

34  
docs citations

34  
times ranked

1219  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prions prevent neuronal cell-line death. <i>Nature</i> , 1999, 400, 225-226.	27.8	398
2	Disinfection and Sterilization Using Plasma Technology: Fundamentals and Future Perspectives for Biological Applications. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5216.	4.1	178
3	The diabetes pandemic and associated infections: suggestions for clinical microbiology. <i>Reviews in Medical Microbiology</i> , 2019, 30, 1-17.	0.9	98
4	Review of studies that have used knockout mice to assess normal function of prion protein under immunological or pathophysiological stress. <i>Microbiology and Immunology</i> , 2014, 58, 361-374.	1.4	33
5	AIM, a murine apoptosis inhibitory factor, induces strong and sustained growth inhibition of B lymphocytes in combination with TGF- $\beta$ 1. <i>European Journal of Immunology</i> , 1999, 29, 1086-1093.	2.9	27
6	BSE situation and establishment of Food Safety Commission in Japan. <i>Journal of Veterinary Science</i> , 2006, 7, 1.	1.3	21
7	Transfection of prion protein gene suppresses coxsackievirus B3 replication in prion protein gene-deficient cells. <i>Journal of General Virology</i> , 2003, 84, 3495-3502.	2.9	20
8	PrP Knockout Cells Expressing Transmembrane PrP Resist Prion Infection. <i>Journal of Virology</i> , 2017, 91, .	3.4	19
9	Evaluation of calcium hydrogen carbonate mesoscopic crystals as a disinfectant for influenza A viruses. <i>Journal of Veterinary Medical Science</i> , 2017, 79, 939-942.	0.9	16
10	Dual role of cellular prion protein in normal host and Alzheimer's disease. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2017, 93, 155-173.	3.8	16
11	Bovine Spongiform Encephalopathy "A Review from the Perspective of Food Safety. <i>Food Safety (Tokyo, Japan)</i> , 2019, 7, 21-47.	1.8	14
12	Inactivation of Scrapie Prions by the Electrically Charged Disinfectant CAC-717. <i>Pathogens</i> , 2020, 9, 536.	2.8	14
13	Application of Equine Infectious Anemia Virus Core Proteins Produced in a Baculovirus Expression System to Serological Diagnosis. <i>Microbiology and Immunology</i> , 1997, 41, 975-980.	1.4	12
14	&#x2013;Inactivation of Non-Enveloped Viruses and Bacteria by an Electrically Charged Disinfectant Containing Meso-Structure Nanoparticles via Modification of the Genome&#x2013;. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 1387-1395.	6.7	12
15	Bovine Spongiform Encephalopathy in Japan: History and Recent Studies on Oxidative Stress in Prion Diseases. <i>Microbiology and Immunology</i> , 2006, 50, 565-578.	1.4	11
16	Inactivation of human norovirus and its surrogate by the disinfectant consisting of calcium hydrogen carbonate mesoscopic crystals. <i>FEMS Microbiology Letters</i> , 2019, 366, .	1.8	10
17	Virucidal Effect of the Mesoscopic Structure of CAC-717 on Severe Acute Respiratory Syndrome Coronavirus-2. <i>Microorganisms</i> , 2021, 9, 2096.	3.6	10
18	Prion protein (PrP) gene-knockout cell lines: insight into functions of the PrP. <i>Frontiers in Cell and Developmental Biology</i> , 2015, 2, 75.	3.7	9

#	ARTICLE	IF	CITATIONS
19	Function of Prion Protein and the Family Member, Shadoo. <i>Current Issues in Molecular Biology</i> , 2020, 36, 67-88.	2.4	8
20	Universal Virucidal Activity of Calcium Bicarbonate Mesoscopic Crystals That Provides an Effective and Biosafe Disinfectant. <i>Microorganisms</i> , 2022, 10, 262.	3.6	8
21	Introduction to Current Progress in Advanced Research on Prions. <i>Current Issues in Molecular Biology</i> , 2020, 36, 63-66.	2.4	6
22	Cloning and Characterization of a New Swine MHC (SLA) Class II DQB Allele.. <i>Journal of Veterinary Medical Science</i> , 1998, 60, 725-729.	0.9	5
23	<i>Leishmania amazonensis</i> Infection in Nude Mice.. <i>Experimental Animals</i> , 1999, 48, 119-123.	1.1	5
24	Updated prediction for the BSE epidemic in dairy cattle in Japan. <i>Preventive Veterinary Medicine</i> , 2009, 89, 272-276.	1.9	5
25	Animal feed controls implemented in Japan for the eradication of bovine spongiform encephalopathy. <i>Veterinaria Italiana</i> , 2009, 45, 287-95.	0.5	4
26	Intestinal Transmission of Prions and Role of Exosomes in Enterocytes. <i>Food Safety (Tokyo, Japan)</i> , 2013, 1, 2013005-2013005.	1.8	3
27	Lipid Peroxidation, Antioxidative Enzyme Activities, and Cytosolic Free Calcium Levels in Rat Hippocampus-Derived Cells Exposed to Free Radicals.. <i>Journal of Veterinary Medical Science</i> , 1998, 60, 63-69.	0.9	2
28	Effect of Microglial Inflammation in Prion Disease. <i>Current Issues in Molecular Biology</i> , 2020, 36, 1-12.	2.4	2
29	AIM, a murine apoptosis inhibitory factor, induces strong and sustained growth inhibition of B lymphocytes in combination with TGF- $\beta$ 1. , 1999, 29, 1086.		1
30	AIM, a murine apoptosis inhibitory factor, induces strong and sustained growth inhibition of B lymphocytes in combination with TGF- $\beta$ 1. <i>European Journal of Immunology</i> , 1999, 29, 1086-1093.	2.9	1
31	Estimating the BSE infection and detectable prevalence in cattle born after 2000 in Japan. <i>Preventive Veterinary Medicine</i> , 2014, 115, 191-197.	1.9	0
32	Animal Prion Diseases Workshop: Updated Diagnosis and Epidemiology of Animal Prion Diseases for Food Safety and Security. <i>Food Safety (Tokyo, Japan)</i> , 2016, 4, 103-104.	1.8	0