Takashi Onodera

List of Publications by Year
in descending order

32	968	759233 12	477307 29
papers	citations	h-index	g-index

34	34	34	1219
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Universal Virucidal Activity of Calcium Bicarbonate Mesoscopic Crystals That Provides an Effective and Biosafe Disinfectant. Microorganisms, 2022, 10, 262.	3.6	8
2	Virucidal Effect of the Mesoscopic Structure of CAC-717 on Severe Acute Respiratory Syndrome Coronavirus-2. Microorganisms, 2021, 9, 2096.	3.6	10
3	Inactivation of Scrapie Prions by the Electrically Charged Disinfectant CAC-717. Pathogens, 2020, 9, 536.	2.8	14
4	Inactivation of Non-Enveloped Viruses and Bacteria by an Electrically Charged Disinfectant Containing Meso-Structure Nanoparticles via Modification of the Genome . International Journal of Nanomedicine, 2020, Volume 15, 1387-1395.	6.7	12
5	Effect of Microglial Inflammation in Prion Disease. Current Issues in Molecular Biology, 2020, 36, 1-12.	2.4	2
6	Function of Prion Protein and the Family Member, Shadoo. Current Issues in Molecular Biology, 2020, 36, 67-88.	2.4	8
7	Introduction to Current Progress in Advanced Research on Prions. Current Issues in Molecular Biology, 2020, 36, 63-66.	2.4	6
8	Bovine Spongiform Encephalopathy â€“ A Review from the Perspective of Food Safety. Food Safety (Tokyo, Japan), 2019, 7, 21-47.	1.8	14
9	Disinfection and Sterilization Using Plasma Technology: Fundamentals and Future Perspectives for Biological Applications. International Journal of Molecular Sciences, 2019, 20, 5216.	4.1	178
10	Inactivation of human norovirus and its surrogate by the disinfectant consisting of calcium hydrogen carbonate mesoscopic crystals. FEMS Microbiology Letters, 2019, 366, .	1.8	10
11	The diabetes pandemic and associated infections: suggestions for clinical microbiology. Reviews in Medical Microbiology, 2019, 30, 1-17.	0.9	98
12	PrP Knockout Cells Expressing Transmembrane PrP Resist Prion Infection. Journal of Virology, 2017, 91, .	3.4	19
13	Evaluation of calcium hydrogen carbonate mesoscopic crystals as a disinfectant for influenza A viruses. Journal of Veterinary Medical Science, 2017, 79, 939-942.	0.9	16
14	Dual role of cellular prion protein in normal host and Alzheimerâ€™s disease. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 2017, 93, 155-173.	3.8	16
15	Animal Prion Diseases Workshop: Updated Diagnosis and Epidemiology of Animal Prion Diseases for Food Safety and Security. Food Safety (Tokyo, Japan), 2016, 4, 103-104.	1.8	0
16	Prion protein (PrP) gene-knockout cell lines: insight into functions of the PrP. Frontiers in Cell and Developmental Biology, 2015, 2, 75.	3.7	9
17	Review of studies that have used knockout mice to assess normal function of prion protein under immunological or pathophysiological stress. Microbiology and Immunology, 2014, 58, 361-374.	1.4	33
18	Estimating the BSE infection and detectable prevalence in cattle born after 2000 in Japan. Preventive Veterinary Medicine, 2014, 115, 191-197.	1.9	0

#	Article	IF	Citations
19	Intestinal Transmission of Prions and Role of Exosomes in Enterocytes. Food Safety (Tokyo, Japan), 2013, 1, 2013005-2013005.	1.8	3
20	Updated prediction for the BSE epidemic in dairy cattle in Japan. Preventive Veterinary Medicine, 2009, 89, 272-276.	1.9	5
21	Animal feed controls implemented in Japan for the eradication of bovine spongiform encephalopathy. Veterinaria Italiana, 2009, 45, 287-95.	0.5	4
22	BSE situation and establishment of Food Safety Commission in Japan. Journal of Veterinary Science, 2006, 7, 1.	1.3	21
23	Bovine Spongiform Encephalopathy in Japan: History and Recent Studies on Oxidative Stress in Prion Diseases. Microbiology and Immunology, 2006, 50, 565-578.	1.4	11
24	Transfection of prion protein gene suppresses coxsackievirus B3 replication in prion protein gene-deficient cells. Journal of General Virology, 2003, 84, 3495-3502.	2.9	20
25	Prions prevent neuronal cell-line death. Nature, 1999, 400, 225-226.	27.8	398
26	AIM, a murine apoptosis inhibitory factor, induces strong and sustained growth inhibition of B lymphocytes in combination with TGF-Î²1. European Journal of Immunology, 1999, 29, 1086-1093.	2.9	27
27	Leishmania amazonensis Infection in Nude Mice.. Experimental Animals, 1999, 48, 119-123.	1.1	5
28	AIM, a murine apoptosis inhibitory factor, induces strong and sustained growth inhibition of B lymphocytes in combination with TGF-Î²1. , 1999, 29, 1086.		1
29	AIM, a murine apoptosis inhibitory factor, induces strong and sustained growth inhibition of B lymphocytes in combination with TGF-Î²1. European Journal of Immunology, 1999, 29, 1086-1093.	2.9	1
30	Lipid Peroxidation, Antioxidative Enzyme Activities, and Cytosolic Free Calcium Levels in Rat Hippocampus-Derived Cells Exposed to Free Radicals.. Journal of Veterinary Medical Science, 1998, 60, 63-69.	0.9	2
31	Cloning and Characterization of a New Swine MHC (SLA) Class II DQB Allele.. Journal of Veterinary Medical Science, 1998, 60, 725-729.	0.9	5
32	Application of Equine Infectious Anemia Virus Core Proteins Produced in a Baculovirus Expression System to Serological Diagnosis. Microbiology and Immunology, 1997, 41, 975-980.	1.4	12