

Kenta Okamoto

List of Publications by Year in descending order

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31
papers

1,188
citations

567281

15
h-index

414414

32
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39
all docs

39
docs citations

39
times ranked

2095
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery of the First Insect Nidovirus, a Missing Evolutionary Link in the Emergence of the Largest RNA Virus Genomes. <i>PLoS Pathogens</i> , 2011, 7, e1002215.	4.7	169
2	Dissecting $\hat{2}$ -ring assembly pathway of the mammalian 20S proteasome. <i>EMBO Journal</i> , 2008, 27, 2204-2213.	7.8	134
3	Crystal structure of a chaperone complex that contributes to the assembly of yeast 20S proteasomes. <i>Nature Structural and Molecular Biology</i> , 2008, 15, 228-236.	8.2	101
4	The dengue virus conceals double-stranded RNA in the intracellular membrane to escape from an interferon response. <i>Scientific Reports</i> , 2014, 4, 7395.	3.3	65
5	Coherent diffraction of single Rice Dwarf virus particles using hard X-rays at the Linac Coherent Light Source. <i>Scientific Data</i> , 2016, 3, 160064.	5.3	64
6	Experimental strategies for imaging bioparticles with femtosecond hard X-ray pulses. <i>IUCr</i> , 2017, 4, 251-262.	2.2	63
7	Femtosecond X-ray Fourier holography imaging of free-flying nanoparticles. <i>Nature Photonics</i> , 2018, 12, 150-153.	31.4	58
8	Megahertz single-particle imaging at the European XFEL. <i>Communications Physics</i> , 2020, 3, .	5.3	58
9	Tanay virus, a new species of virus isolated from mosquitoes in the Philippines. <i>Journal of General Virology</i> , 2014, 95, 1390-1395.	2.9	53
10	Electrospray sample injection for single-particle imaging with x-ray lasers. <i>Science Advances</i> , 2019, 5, eaav8801.	10.3	49
11	Structural variability and complexity of the giant Pithovirus sibericum particle revealed by high-voltage electron cryo-tomography and energy-filtered electron cryo-microscopy. <i>Scientific Reports</i> , 2017, 7, 13291.	3.3	47
12	Considerations for three-dimensional image reconstruction from experimental data in coherent diffractive imaging. <i>IUCr</i> , 2018, 5, 531-541.	2.2	40
13	Dengue virus strain DEN2 16681 utilizes a specific glycochain of syndecan-2 proteoglycan as a receptor. <i>Journal of General Virology</i> , 2012, 93, 761-770.	2.9	38
14	Cryo-EM structure of a Marseilleviridae virus particle reveals a large internal microassembly. <i>Virology</i> , 2018, 516, 239-245.	2.4	37
15	NS1 $\hat{2}$ protein expression facilitates production of Japanese encephalitis virus in avian cells and embryonated chicken eggs. <i>Journal of General Virology</i> , 2014, 95, 373-383.	2.9	22
16	Influenza Hemifusion Phenotype Depends on Membrane Context: Differences in Cell $\hat{2}$ Cell and Virus $\hat{2}$ Cell Fusion. <i>Journal of Molecular Biology</i> , 2018, 430, 594-601.	4.2	21
17	The infectious particle of insect-borne totivirus-like Omono River virus has raised ridges and lacks fibre complexes. <i>Scientific Reports</i> , 2016, 6, 33170.	3.3	19
18	Molecular and Structural Basis of the Proteasome $\hat{1}$ Subunit Assembly Mechanism Mediated by the Proteasome-Assembling Chaperone PAC3-PAC4 Heterodimer. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2231.	4.1	15

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19	Dengue Virus neither Directly Mediates Hyperpermeability nor Enhances Tumor Necrosis Factor- α -Induced Permeability In Vitro. Japanese Journal of Infectious Diseases, 2014, 67, 86-94.	1.2	14
20	Immunoproteomics Identification of Major IgE and IgG4 Reactive Schistosoma japonicum Adult Worm Antigens Using Chronically Infected Human Plasma. Tropical Medicine and Health, 2012, 40, 89-102.	2.8	13
21	Development of a rapid and comprehensive proteomics-based arboviruses detection system. Journal of Virological Methods, 2010, 167, 31-36.	2.1	12
22	An approach for differentiating echovirus 30 and Japanese encephalitis virus infections in acute meningitis/encephalitis: a retrospective study of 103 cases in Vietnam. Virology Journal, 2013, 10, 280.	3.4	12
23	Crystal structure of human proteasome assembly chaperone PAC4 involved in proteasome formation. Protein Science, 2017, 26, 1080-1085.	7.6	12
24	Acquired Functional Capsid Structures in Metazoan Totivirus-like dsRNA Virus. Structure, 2020, 28, 888-896.e3.	3.3	12
25	Capsid Structure of a Marine Algal Virus of the Order Picornavirales. Journal of Virology, 2020, 94, .	3.4	10
26	SANS simulation of aggregated protein in aqueous solution. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 600, 272-274.	1.6	9
27	Precise Triggering and Chemical Control of Single-Virus Fusion within Endosomes. Journal of Virology, 2020, 95, .	3.4	9
28	Identification and characterization of a cell division-regulating kinase AKB1 (associated kinase of) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3 Biochemistry, 2015, 158, 49-60.	1.7	5
29	Development and utility of an in vitro, fluorescence-based assay for the discovery of novel compounds against dengue 2 viral protease. Tropical Medicine and Health, 2016, 44, 22.	2.8	3
30	3D analysis of human islet amyloid polypeptide crystalline structures in Drosophila melanogaster. PLoS ONE, 2019, 14, e0223456.	2.5	2
31	Biological Laboratory X-ray Microscopy. Microscopy and Microanalysis, 2018, 24, 348-349.	0.4	1