

Kenta Okamoto

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,188
citations

567281

15
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414414

32
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39
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39
docs citations

39
times ranked

2095
citing authors

#	ARTICLE	IF	CITATIONS
1	Precise Triggering and Chemical Control of Single-Virus Fusion within Endosomes. <i>Journal of Virology</i> , 2020, 95, .	3.4	9
2	Megahertz single-particle imaging at the European XFEL. <i>Communications Physics</i> , 2020, 3, .	5.3	58
3	Acquired Functional Capsid Structures in Metazoan Totivirus-like dsRNA Virus. <i>Structure</i> , 2020, 28, 888-896.e3.	3.3	12
4	Capsid Structure of a Marine Algal Virus of the Order Picornavirales. <i>Journal of Virology</i> , 2020, 94, .	3.4	10
5	3D analysis of human islet amyloid polypeptide crystalline structures in <i>Drosophila melanogaster</i> . <i>PLoS ONE</i> , 2019, 14, e0223456.	2.5	2
6	Molecular and Structural Basis of the Proteasome $\hat{\alpha}$ 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
7	Electrospray sample injection for single-particle imaging with x-ray lasers. <i>Science Advances</i> , 2019, 5, eaav8801.	10.3	49
8	Cryo-EM structure of a Marseilleviridae virus particle reveals a large internal microassembly. <i>Virology</i> , 2018, 516, 239-245.	2.4	37
9	Femtosecond X-ray Fourier holography imaging of free-flying nanoparticles. <i>Nature Photonics</i> , 2018, 12, 150-153.	31.4	58
10	Influenza Hemifusion Phenotype Depends on Membrane Context: Differences in Cell-Cell and Virus-Cell Fusion. <i>Journal of Molecular Biology</i> , 2018, 430, 594-601.	4.2	21
11	Biological Laboratory X-ray Microscopy. <i>Microscopy and Microanalysis</i> , 2018, 24, 348-349.	0.4	1
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	Crystal structure of human proteasome assembly chaperone PAC4 involved in proteasome formation. <i>Protein Science</i> , 2017, 26, 1080-1085.	7.6	12
14	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
15	Experimental strategies for imaging bioparticles with femtosecond hard X-ray pulses. <i>IUCr</i> , 2017, 4, 251-262.	2.2	63
16	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
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	Development and utility of an in vitro, fluorescence-based assay for the discovery of novel compounds against dengue 2 viral protease. <i>Tropical Medicine and Health</i> , 2016, 44, 22.	2.8	3

#	ARTICLE	IF	CITATIONS
19	Identification and characterization of a cell division-regulating kinase AKB1 (associated kinase of) Tj ETQq1 1 0.784314 rgBT /Overloc Biochemistry, 2015, 158, 49-60.	1.7	5
20	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
21	NS1 ϵ protein expression facilitates production of Japanese encephalitis virus in avian cells and embryonated chicken eggs. Journal of General Virology, 2014, 95, 373-383.	2.9	22
22	Tanay virus, a new species of virus isolated from mosquitoes in the Philippines. Journal of General Virology, 2014, 95, 1390-1395.	2.9	53
23	The dengue virus conceals double-stranded RNA in the intracellular membrane to escape from an interferon response. Scientific Reports, 2014, 4, 7395.	3.3	65
24	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
25	Dengue virus strain DEN2 16681 utilizes a specific glycochain of syndecan-2 proteoglycan as a receptor. Journal of General Virology, 2012, 93, 761-770.	2.9	38
26	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
27	Discovery of the First Insect Nidovirus, a Missing Evolutionary Link in the Emergence of the Largest RNA Virus Genomes. PLoS Pathogens, 2011, 7, e1002215.	4.7	169
28	Development of a rapid and comprehensive proteomics-based arboviruses detection system. Journal of Virological Methods, 2010, 167, 31-36.	2.1	12
29	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
30	Dissecting $\hat{1}^2$ -ring assembly pathway of the mammalian 20S proteasome. EMBO Journal, 2008, 27, 2204-2213.	7.8	134
31	Crystal structure of a chaperone complex that contributes to the assembly of yeast 20S proteasomes. Nature Structural and Molecular Biology, 2008, 15, 228-236.	8.2	101