

Minetaro Arita

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3982771/publications.pdf>

Version: 2024-02-01

52
papers

2,368
citations

257450

24
h-index

206112

48
g-index

53
all docs

53
docs citations

53
times ranked

2256
citing authors

#	ARTICLE	IF	CITATIONS
1	Concurrent outbreaks of circulating vaccine-derived poliovirus types 1 and 2 affecting the Republic of the Philippines and Malaysia, 2019â€“2021. <i>Vaccine</i> , 2023, 41, A58-A69.	3.8	8
2	Ligand Recognition by the Lipid Transfer Domain of Human OSBP Is Important for Enterovirus Replication. <i>ACS Infectious Diseases</i> , 2022, 8, 1161-1170.	3.8	4
3	High-Order Epistasis and Functional Coupling of Infection Steps Drive Virus Evolution toward Independence from a Host Pathway. <i>Microbiology Spectrum</i> , 2021, 9, e0080021.	3.0	4
4	Sphingomyelin Is Essential for the Structure and Function of the Double-Membrane Vesicles in Hepatitis C Virus RNA Replication Factories. <i>Journal of Virology</i> , 2020, 94, .	3.4	19
5	Characterization of a New Antienterovirus D68 Compound Purified from Avocado. <i>ACS Infectious Diseases</i> , 2020, 6, 2291-2300.	3.8	8
6	Surfeit 4 Contributes to the Replication of Hepatitis C Virus Using Double-Membrane Vesicles. <i>Journal of Virology</i> , 2020, 94, .	3.4	14
7	Intestinal Antibody Responses to 2 Novel Live Attenuated Type 2 Oral Poliovirus Vaccines in Healthy Adults in Belgium. <i>Journal of Infectious Diseases</i> , 2020, , .	4.0	4
8	Evaluation of antigenic differences between wild and Sabin vaccine strains of poliovirus using the pseudovirus neutralization test. <i>Scientific Reports</i> , 2019, 9, 11970.	3.3	8
9	Intestinal antibody responses to a live oral poliovirus vaccine challenge among adults previously immunized with inactivated polio vaccine in Sweden. <i>BMJ Global Health</i> , 2019, 4, e001613.	4.7	13
10	Essential domains of phosphatidylinositolâ€“4 kinase III Î² required for enterovirus replication. <i>Microbiology and Immunology</i> , 2019, 63, 285-288.	1.4	7
11	Poliovirus Evolution toward Independence from the Phosphatidylinositol-4 Kinase III Î²/Oxysterol-Binding Protein Family I Pathway. <i>ACS Infectious Diseases</i> , 2019, 5, 962-973.	3.8	16
12	Intestinal Immune Responses to Type 2 Oral Polio Vaccine (OPV) Challenge in Infants Previously Immunized With Bivalent OPV and Either High-Dose or Standard Inactivated Polio Vaccine. <i>Journal of Infectious Diseases</i> , 2018, 217, 371-380.	4.0	32
13	Intestinal Immunity to Poliovirus Following Sequential Trivalent Inactivated Polio Vaccine/Bivalent Oral Polio Vaccine and Trivalent Inactivated Polio Vaccineâ€“only Immunization Schedules: Analysis of an Open-label, Randomized, Controlled Trial in Chilean Infants. <i>Clinical Infectious Diseases</i> , 2018, 67, S42-S50.	5.8	12
14	Allosteric Regulation of Phosphatidylinositol 4-Kinase III Beta by an Antipicornavirus Compound MDL-860. <i>ACS Infectious Diseases</i> , 2017, 3, 585-594.	3.8	18
15	Poliovirus Studies during the Endgame of the Polio Eradication Program. <i>Japanese Journal of Infectious Diseases</i> , 2017, 70, 1-6.	1.2	10
16	Fungus-Derived Neoechinulin B as a Novel Antagonist of Liver X Receptor, Identified by Chemical Genetics Using a Hepatitis C Virus Cell Culture System. <i>Journal of Virology</i> , 2016, 90, 9058-9074.	3.4	27
17	Mechanism of Poliovirus Resistance to Host Phosphatidylinositol-4 Kinase III Î² Inhibitor. <i>ACS Infectious Diseases</i> , 2016, 2, 140-148.	3.8	33
18	Prolactin Regulatory Element Binding Protein Is Involved in Hepatitis C Virus Replication by Interaction with NS4B. <i>Journal of Virology</i> , 2016, 90, 3093-3111.	3.4	21

#	ARTICLE	IF	CITATIONS
19	Phosphatidylinositol 4-kinase III beta is the target of oxoglaucine and pachypodol (Ro 09-0179) for their anti-poliovirus activities, and is located at upstream of the target step of brefeldin A. <i>Microbiology and Immunology</i> , 2015, 59, 338-347.	1.4	34
20	Itraconazole Inhibits Enterovirus Replication by Targeting the Oxysterol-Binding Protein. <i>Cell Reports</i> , 2015, 10, 600-615.	6.4	201
21	Development of an Efficient Entire-Capsid-Coding-Region Amplification Method for Direct Detection of Poliovirus from Stool Extracts. <i>Journal of Clinical Microbiology</i> , 2015, 53, 73-78.	3.9	25
22	Phosphatidylinositol 4 kinase III beta and oxysterol-binding protein accumulate unesterified cholesterol on poliovirus-induced membrane structure. <i>Microbiology and Immunology</i> , 2014, 58, 239-256.	1.4	91
23	Intestinal Immunity Is a Determinant of Clearance of Poliovirus After Oral Vaccination. <i>Journal of Infectious Diseases</i> , 2014, 209, 1628-1634.	4.0	40
24	Indirect immunofluorescence images of poliovirus-infected cells. Blue, BODIPY-cholesterol; Green, virus 2B protein; Red, phosphatidylinositol 4-phosphate. <i>Microbiology and Immunology</i> , 2014, 58, i.	1.4	0
25	Development of Poliovirus Extraction Method from Stool Extracts by Using Magnetic Nanoparticles Sensitized with Soluble Poliovirus Receptor. <i>Journal of Clinical Microbiology</i> , 2013, 51, 2717-2720.	3.9	10
26	Oxysterol-Binding Protein Family I Is the Target of Minor Enviroxime-Like Compounds. <i>Journal of Virology</i> , 2013, 87, 4252-4260.	3.4	96
27	ACBD3-mediated recruitment of PI4KB to picornavirus RNA replication sites. <i>EMBO Journal</i> , 2012, 31, 754-766.	7.8	159
28	Valosin-Containing Protein (VCP/p97) Is Required for Poliovirus Replication and Is Involved in Cellular Protein Secretion Pathway in Poliovirus Infection. <i>Journal of Virology</i> , 2012, 86, 5541-5553.	3.4	63
29	Reply to "Poliovirus-Neutralization Test with Poliovirus Pseudovirus To Measure Neutralizing Antibody in Humans". <i>Vaccine Journal</i> , 2012, 19, 459-459.	3.1	0
30	Development of a Transcription-Reverse Transcription Concerted Reaction Method for Specific Detection of Human Enterovirus 71 from Clinical Specimens. <i>Journal of Clinical Microbiology</i> , 2012, 50, 1764-1768.	3.9	6
31	Biochemical characterization of enterovirus 71 3D RNA polymerase. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2011, 1809, 211-219.	1.9	24
32	Particle Agglutination Method for Poliovirus Identification. <i>Journal of Visualized Experiments</i> , 2011, , .	0.3	0
33	Phosphatidylinositol 4-Kinase III Beta Is a Target of Enviroxime-Like Compounds for Antipoliovirus Activity. <i>Journal of Virology</i> , 2011, 85, 2364-2372.	3.4	133
34	Development of a Poliovirus Neutralization Test with Poliovirus Pseudovirus for Measurement of Neutralizing Antibody Titer in Human Serum. <i>Vaccine Journal</i> , 2011, 18, 1889-1894.	3.1	26
35	Development of a Particle Agglutination Method with Soluble Virus Receptor for Identification of Poliovirus. <i>Journal of Clinical Microbiology</i> , 2010, 48, 2698-2702.	3.9	5
36	A bifunctional anti-enterovirus compound that inhibits replication and the early stage of enterovirus 71 infection. <i>Journal of General Virology</i> , 2010, 91, 2734-2744.	2.9	41

#	ARTICLE	IF	CITATIONS
37	Development of a reverse transcription-loop-mediated isothermal amplification (RT-LAMP) system for a highly sensitive detection of enterovirus in the stool samples of acute flaccid paralysis cases. <i>BMC Infectious Diseases</i> , 2009, 9, 208.	2.9	24
38	Cellular kinase inhibitors that suppress enterovirus replication have a conserved target in viral protein 3A similar to that of enviroxime. <i>Journal of General Virology</i> , 2009, 90, 1869-1879.	2.9	45
39	Characterization of pharmacologically active compounds that inhibit poliovirus and enterovirus 71 infectivity. <i>Journal of General Virology</i> , 2008, 89, 2518-2530.	2.9	87
40	Cooperative Effect of the Attenuation Determinants Derived from Poliovirus Sabin 1 Strain Is Essential for Attenuation of Enterovirus 71 in the NOD/SCID Mouse Infection Model. <i>Journal of Virology</i> , 2008, 82, 1787-1797.	3.4	97
41	An Attenuated Strain of Enterovirus 71 Belonging to Genotype A Showed a Broad Spectrum of Antigenicity with Attenuated Neurovirulence in Cynomolgus Monkeys. <i>Journal of Virology</i> , 2007, 81, 9386-9395.	3.4	120
42	Rapid Genome Sequencing of RNA Viruses. <i>Emerging Infectious Diseases</i> , 2007, 13, 322-324.	4.3	41
43	Quantitative analysis of poliomyelitis-like paralysis in mice induced by a poliovirus replicon. <i>Journal of General Virology</i> , 2006, 87, 3317-3327.	2.9	39
44	Temperature-sensitive mutants of enterovirus 71 show attenuation in cynomolgus monkeys. <i>Journal of General Virology</i> , 2005, 86, 1391-1401.	2.9	146
45	A Sabin 3-Derived Poliovirus Recombinant Contained a Sequence Homologous with Indigenous Human Enterovirus Species C in the Viral Polymerase Coding Region. <i>Journal of Virology</i> , 2005, 79, 12650-12657.	3.4	88
46	Characterization of in vitro and in vivo phenotypes of poliovirus type 1 mutants with reduced viral protein synthesis activity. <i>Journal of General Virology</i> , 2004, 85, 1933-1944.	2.9	10
47	Circulation of Type 1 Vaccine-Derived Poliovirus in the Philippines in 2001. <i>Journal of Virology</i> , 2004, 78, 13512-13521.	3.4	128
48	Characterization of the Poliovirus 147S Particle: New Insights into Poliovirus Uncoating. <i>Virology</i> , 2003, 305, 55-65.	2.4	6
49	Regulation of the Yeast Yap1p Nuclear Export Signal Is Mediated by Redox Signal-Induced Reversible Disulfide Bond Formation. <i>Molecular and Cellular Biology</i> , 2001, 21, 6139-6150.	2.3	217
50	Multiple pathways for establishment of poliovirus infection. <i>Virus Research</i> , 1999, 62, 97-105.	2.2	9
51	Interaction of Poliovirus with Its Receptor Affords a High Level of Infectivity to the Virion in Poliovirus Infections Mediated by the Fc Receptor. <i>Journal of Virology</i> , 1999, 73, 1066-1074.	3.4	28
52	Interaction of Poliovirus with Its Purified Receptor and Conformational Alteration in the Virion. <i>Journal of Virology</i> , 1998, 72, 3578-3586.	3.4	69