Hirofumi Sawa

List of Publications by Year
in descending order

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337	14,199	28274	30922
papers	citations	55 h-index	102 g-index

352	352	352	16753
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	First Molecular Detection of <i>Coxiella burnetii</i> in Beef Cattle in West Java, Indonesia. Japanese Journal of Infectious Diseases, 2022, 75, 83-85.	1.2	3
2	Synthesis and Anti-dengue Virus Activity of 5-Ethynylimidazole-4-carboxamide (EICA) Nucleotide Prodrugs. Chemical and Pharmaceutical Bulletin, 2022, 70, 220-225.	1.3	3
3	Application of Acoustic Ejection MS System to High-Throughput Screening for SARS-CoV-2 3CL Protease Inhibitors. Chemical and Pharmaceutical Bulletin, 2022, 70, 199-201.	1.3	6
4	Attenuated fusogenicity and pathogenicity of SARS-CoV-2 Omicron variant. Nature, 2022, 603, 700-705.	27.8	447
5	Current knowledge of vector-borne zoonotic pathogens in Zambia: A clarion call to scaling-up â€œOne Healthâ€•research in the wake of emerging and re-emerging infectious diseases. PLoS Neglected Tropical Diseases, 2022, 16, e0010193.	3.0	12
6	Discovery of S-217622, a Noncovalent Oral SARS-CoV-2 3CL Protease Inhibitor Clinical Candidate for Treating COVID-19. Journal of Medicinal Chemistry, 2022, 65, 6499-6512.	6.4	258
7	Glu333 in rabies virus glycoprotein is involved in virus attenuation through astrocyte infection and interferon responses. IScience, 2022, 25, 104122.	4.1	2
8	Detection of Tick-Borne Bacterial and Protozoan Pathogens in Ticks from the Zambiaâ€“Angola Border. Pathogens, 2022, 11, 566.	2.8	5
9	A high-affinity aptamer with base-appended base-modified DNA bound to isolated authentic SARS-CoV-2 strains wild-type and B.1.617.2 (delta variant). Biochemical and Biophysical Research Communications, 2022, 614, 207-212.	2.1	6
10	Virological characteristics of the SARS-CoV-2 Omicron BA.2 spike. Cell, 2022, 185, 2103-2115.e19.	28.9	273
11	An unusually long Rift valley fever inter-epizootic period in Zambia: Evidence for enzootic virus circulation and risk for disease outbreak. PLoS Neglected Tropical Diseases, 2022, 16, e0010420.	3.0	7
12	Serological characterization of lineage II insect-specific flaviviruses compared with pathogenic mosquito-borne flaviviruses. Biochemical and Biophysical Research Communications, 2022, 616, 115-121.	2.1	1
13	First COVID-19 case in Zambia â€” Comparative phylogenomic analyses of SARS-CoV-2 detected in African countries. International Journal of Infectious Diseases, 2021, 102, 455-459.	3.3	25
14	Prevalence and genetic diversity of Shibuyunji virus, a novel tick-borne phlebovirus identified in Zambia. Archives of Virology, 2021, 166, 915-919.	2.1	3
15	Detection of B.1.351 SARS-CoV-2 Variant Strain â€” Zambia, December 2020. Morbidity and Mortality Weekly Report, 2021, 70, 280-282.	15.1	114
16	TMPRSS11D and TMPRSS13 Activate the SARS-CoV-2 Spike Protein. Viruses, 2021, 13, 384.	3.3	50
17	Mastomys natalensis is a possible natural rodent reservoir for encephalomyocarditis virus. Journal of General Virology, 2021, 102, .	2.9	5
18	MRC5 cells engineered to express ACE2 serve as a model system for the discovery of antivirals targeting SARS-CoV-2. Scientific Reports, 2021, 11, 5376.	3.3	18

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19	Diverse mosquito-specific flaviviruses in the Bolivian Amazon basin. Journal of General Virology, 2021, 102, .	2.9	5
20	An African tick flavivirus forming an independent clade exhibits unique exoribonuclease-resistant RNA structures in the genomic 3â€²-untranslated region. Scientific Reports, 2021, 11, 4883.	3.3	4
21	Domestic dog demographics and estimates of canine vaccination coverage in a rural area of Zambia for the elimination of rabies. PLoS Neglected Tropical Diseases, 2021, 15, e0009222.	3.0	6
22	Host Serine Proteases TMPRSS2 and TMPRSS11D Mediate Proteolytic Activation and Trypsin-Independent Infection in Group A Rotaviruses. Journal of Virology, 2021, 95, .	3.4	12
23	First report of Mycobacterium bovis in wild chacma baboons (Papio ursinus) at the humanâ€“wildlife interface area in Zambia. Transboundary and Emerging Diseases, 2021, , .	3.0	0
24	RIG-I triggers a signaling-abortive anti-SARS-CoV-2 defense in human lung cells. Nature Immunology, 2021, 22, 820-828.	14.5	169
25	Molecular Detection and Genotyping of Coxiella-Like Endosymbionts in Ticks Collected from Animals and Vegetation in Zambia. Pathogens, 2021, 10, 779.	2.8	6
26	Immunization Coverage and Antibody Retention against Rabies in Domestic Dogs in Lusaka District, Zambia. Pathogens, 2021, 10, 738.	2.8	2
27	Safety enhancement of a genetically modified live rabies vaccine strain by introducing an attenuating Leu residue at position 333 in the glycoprotein. Vaccine, 2021, 39, 3777-3784.	3.8	6
28	Serological Evidence of Filovirus Infection in Nonhuman Primates in Zambia. Viruses, 2021, 13, 1283.	3.3	1
29	Serologic and molecular evidence for circulation of Crimean-Congo hemorrhagic fever virus in ticks and cattle in Zambia. PLoS Neglected Tropical Diseases, 2021, 15, e0009452.	3.0	11
30	Complete Genome Sequence of a Veterinary Pseudomonas aeruginosa Isolate, Pa12. Microbiology Resource Announcements, 2021, 10, e0039821.	0.6	0
31	Screening of tick-borne pathogens in argasid ticks in Zambia: Expansion of the geographic distribution of Rickettsia lusitaniae and Rickettsia hoogstraalii and detection of putative novel Anaplasma species. Ticks and Tick-borne Diseases, 2021, 12, 101720.	2.7	20
32	SARS-CoV-2 Bearing a Mutation at the S1/S2 Cleavage Site Exhibits Attenuated Virulence and Confers Protective Immunity. MBio, 2021, 12, e0141521.	4.1	33
33	Dual Effect of Organogermanium Compound THGP on RIG-I-Mediated Viral Sensing and Viral Replication during Influenza a Virus Infection. Viruses, 2021, 13, 1674.	3.3	8
34	Mosquito-Borne Viral Pathogens Detected in Zambia: A Systematic Review. Pathogens, 2021, 10, 1007.	2.8	7
35	A SARS-CoV-2 antibody broadly neutralizes SARS-related coronaviruses and variants by coordinated recognition of a virus-vulnerable site. Immunity, 2021, 54, 2385-2398.e10.	14.3	46
36	A novel nairovirus associated with acute febrile illness in Hokkaido, Japan. Nature Communications, 2021, 12, 5539.	12.8	30

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37	Molecular Survey of Babesia and Anaplasma Infection in Cattle in Bolivia. Veterinary Sciences, 2021, 8, 188.	1.7	4
38	A targeted approach with nanopore sequencing for the universal detection and identification of flaviviruses. Scientific Reports, 2021, 11, 19031.	3.3	2
39	Attenuated infection by a Pteropine orthoreovirus isolated from an Egyptian fruit bat in Zambia. PLoS Neglected Tropical Diseases, 2021, 15, e0009768.	3.0	7
40	5-Hydroxymethyltubercidin exhibits potent antiviral activity against flaviviruses and coronaviruses, including SARS-CoV-2. IScience, 2021, 24, 103120.	4.1	6
41	Air-liquid interphase culture confers SARS-CoV-2 susceptibility to A549 alveolar epithelial cells. Biochemical and Biophysical Research Communications, 2021, 577, 146-151.	2.1	14
42	SARS-CoV-2 variants with mutations at the S1/S2 cleavage site are generated in vitro during propagation in TMPRSS2-deficient cells. PLoS Pathogens, 2021, 17, e1009233.	4.7	162
43	Novel Virulent Bacteriophage Î¦SG005, Which Infects Streptococcus gordonii, Forms a Distinct Clade among Streptococcus Viruses. Viruses, 2021, 13, 1964.	3.3	4
44	Rickettsia lusitaniae in Ornithodoros Porcinus Ticks, Zambia. Pathogens, 2021, 10, 1306.	2.8	7
45	Abnormal Blood Coagulation and Kidney Damage in Aged Hamsters Infected with Severe Acute Respiratory Syndrome Coronavirus 2. Viruses, 2021, 13, 2137.	3.3	6
46	Serological and molecular epidemiological study on swine influenza in Zambia. Transboundary and Emerging Diseases, 2021, , .	3.0	0
47	Hepatitis E virus infection in pigs: a first report from Zambia. Emerging Microbes and Infections, 2021, 10, 2169-2172.	6.5	3
48	SARS-CoV-2 inhibits induction of the MHC class I pathway by targeting the STAT1-IRF1-NLRC5 axis. Nature Communications, 2021, 12, 6602.	12.8	104
49	Evidence of Borrelia theileri in Wild and Domestic Animals in the Kafue Ecosystem of Zambia. Microorganisms, 2021, 9, 2405.	3.6	9
50	Seroprevalence and Risk Factors of Crimean-Congo Hemorrhagic Fever in Cattle of Smallholder Farmers in Central Malawi. Pathogens, 2021, 10, 1613.	2.8	5
51	Influenza A and D Viruses in Non-Human Mammalian Hosts in Africa: A Systematic Review and Meta-Analysis. Viruses, 2021, 13, 2411.	3.3	4
52	Discoveries of Exoribonuclease-Resistant Structures of Insect-Specific Flaviviruses Isolated in Zambia. Viruses, 2020, 12, 1017.	3.3	11
53	The Lethal(2)-Essential-for-Life [L(2)EFL] Gene Family Modulates Dengue Virus Infection in Aedes aegypti. International Journal of Molecular Sciences, 2020, 21, 7520.	4.1	9
54	Amino acid 159 of the envelope protein affects viral replication and T-cell infiltration by West Nile virus in intracranial infection. Scientific Reports, 2020, 10, 7168.	3.3	8

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55	Genetic and Phenotypic Characterization of a Rabies Virus Strain Isolated from a Dog in Tokyo, Japan in the 1940s. Viruses, 2020, 12, 914.	3.3	5
56	Avian Influenza Viruses Detected in Birds in Sub-Saharan Africa: A Systematic Review. Viruses, 2020, 12, 993.	3.3	11
57	Co-Circulation of Multiple Serotypes of Bluetongue Virus in Zambia. Viruses, 2020, 12, 963.	3.3	3
58	Susceptibility of Pseudomonas aeruginosa veterinary isolates to Pbunavirus PB1â€like phages. Microbiology and Immunology, 2020, 64, 778-782.	1.4	6
59	Identification of quinolone derivatives as effective anti-Dengue virus agents. Antiviral Research, 2020, 184, 104969.	4.1	5
60	Evidence for exposure of asymptomatic domestic pigs to African swine fever virus during an interâ€epidemic period in Zambia. Transboundary and Emerging Diseases, 2020, 67, 2741-2752.	3.0	14
61	West Nile Virus in Farmed Crocodiles, Zambia, 2019. Emerging Infectious Diseases, 2020, 26, 811-814.	4.3	15
62	Isolation of Candidatus Bartonella rousetti and Other Bat-associated Bartonellae from Bats and Their Flies in Zambia. Pathogens, 2020, 9, 469.	2.8	20
63	Genetic and Biological Diversity of Porcine Sapeloviruses Prevailing in Zambia. Viruses, 2020, 12, 180.	3.3	9
64	West Nile virus capsid protein inhibits autophagy by AMP-activated protein kinase degradation in neurological disease development. PLoS Pathogens, 2020, 16, e1008238.	4.7	28
65	Detection of novel orthoreovirus genomes in shrew (Crocidura hirta) and fruit bat (Rousettus aegyptiacus). Journal of Veterinary Medical Science, 2020, 82, 162-167.	0.9	4
66	Host ESCRT factors are recruited during chikungunya virus infection and are required for the intracellular viral replication cycle. Journal of Biological Chemistry, 2020, 295, 7941-7957.	3.4	12
67	Interferon lambda rs368234815 Î”G/Î”G is associated with higher CD4+:CD8+ T-cell ratio in treated HIV-1 infection. AIDS Research and Therapy, 2020, 17, 13.	1.7	3
68	Characterization of mammalian orthoreoviruses isolated from faeces of pigs in Zambia. Journal of General Virology, 2020, 101, 1027-1036.	2.9	9
69	Whole-Genome Sequence of Fluoroquinolone-Resistant Escherichia coli HUE1, Isolated in Hokkaido, Japan. Microbiology Resource Announcements, 2020, 9, .	0.6	2
70	Autopsy findings in the early stage of amyotrophic lateral sclerosis with â€œdropped headâ€•syndrome. Neuropathology, 2019, 39, 374-377.	1.2	3
71	Molecular characterization and phylogenetic analysis of Trypanosoma spp. detected from striped leaf-nosed bats (Hipposideros vittatus) in Zambia. International Journal for Parasitology: Parasites and Wildlife, 2019, 9, 234-238.	1.5	3
72	Upregulated expression of the antioxidant sestrin 2 identified by transcriptomic analysis of Japanese encephalitis virus-infected SH-SY5Y neuroblastoma cells. Virus Genes, 2019, 55, 630-642.	1.6	14

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73	Marburgvirus in Egyptian Fruit Bats, Zambia. Emerging Infectious Diseases, 2019, 25, 1577-1580.	4.3	29
74	Seroprevalence of Rift Valley fever in cattle of smallholder farmers in Kwilu Province in the Democratic Republic of Congo. Tropical Animal Health and Production, 2019, 51, 2619-2627.	1.4	10
75	Genetic diversity of rabies virus in different host species and geographic regions of Zambia and Zimbabwe. Virus Genes, 2019, 55, 713-719.	1.6	11
76	Inhibition of dengue virus infection by 1â€stearoylâ€2â€arachidonoylâ€phosphatidylinositol in vitro. FASEB Journal, 2019, 33, 13866-13881.	0.5	10
77	Neo-virology: The raison dâ€™etre of viruses. Virus Research, 2019, 274, 197751.	2.2	4
78	Serological evidence of Zika virus infection in non-human primates in Zambia. Archives of Virology, 2019, 164, 2165-2170.	2.1	16
79	Field diagnosis and genotyping of chikungunya virus using a dried reverse transcription loop-mediated isothermal amplification (LAMP) assay and MinION sequencing. PLoS Neglected Tropical Diseases, 2019, 13, e0007480.	3.0	19
80	Discovery and genetic characterization of diverse smacoviruses in Zambian non-human primates. Scientific Reports, 2019, 9, 5045.	3.3	8
81	A Novel Combination of Prion Strain Co-Occurrence in Patients with Sporadic Creutzfeldt-Jakob Disease. American Journal of Pathology, 2019, 189, 1276-1283.	3.8	8
82	Ganglioside Synthase Knockout Reduces Prion Disease Incubation Time in Mouse Models. American Journal of Pathology, 2019, 189, 677-686.	3.8	1
83	Infection of newly identified phleboviruses in ticks and wild animals in Hokkaido, Japan indicating tick-borne life cycles. Ticks and Tick-borne Diseases, 2019, 10, 328-335.	2.7	14
84	Development of a quick bioassay for the evaluation of transmission properties of acquired prion diseases. Neuroscience Letters, 2018, 668, 43-47.	2.1	5
85	The Role of Heparan Sulfate Proteoglycans as an Attachment Factor for Rabies Virus Entry and Infection. Journal of Infectious Diseases, 2018, 217, 1740-1749.	4.0	50
86	Discovery of Mwinilunga alphavirus: A novel alphavirus in Culex mosquitoes in Zambia. Virus Research, 2018, 250, 31-36.	2.2	25
87	Tick-borne haemoparasites and Anaplasmataceae in domestic dogs in Zambia. Ticks and Tick-borne Diseases, 2018, 9, 988-995.	2.7	23
88	Ribavirin-related compounds exert in vitro inhibitory effects toward rabies virus. Antiviral Research, 2018, 154, 1-9.	4.1	21
89	Development of a rapid and quantitative method for the analysis of viral entry and release using a NanoLuc luciferase complementation assay. Virus Research, 2018, 243, 69-74.	2.2	34
90	â€œIntegrated diagnosisâ€•of pilocytic astrocytoma: Molecular diagnostic procedure for an unusual case. Pathology International, 2018, 68, 694-699.	1.3	3

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91	The Unique Phylogenetic Position of a Novel Tick-Borne Phlebovirus Ensures an Ixodid Origin of the Genus Phlebovirus. MSphere, 2018, 3, .	2.9	36
92	Shape-dependent adjuvanticity of nanoparticle-conjugated RNA adjuvants for intranasal inactivated influenza vaccines. RSC Advances, 2018, 8, 16527-16536.	3.6	26
93	Identification of group A rotaviruses from Zambian fruit bats provides evidence for long-distance dispersal events in Africa. Infection, Genetics and Evolution, 2018, 63, 104-109.	2.3	13
94	Single Amino Acid Mutation in Dengue Virus NS4B Protein Has Opposing Effects on Viral Proliferation in Mammalian and Mosquito Cells. Japanese Journal of Infectious Diseases, 2018, 71, 448-454.	1.2	4
95	Identification of Compound-B, a novel anti-dengue virus agent targeting the non-structural protein 4A. Antiviral Research, 2018, 155, 60-66.	4.1	19
96	First isolation of West Nile virus in Zambia from mosquitoes. Transboundary and Emerging Diseases, 2018, 65, 933-938.	3.0	21
97	Detection of novel gammaherpesviruses from fruit bats in Indonesia. Journal of Medical Microbiology, 2018, 67, 415-422.	1.8	10
98	Isolation of a simian immunodeficiency virus from a malbrouck (Chlorocebus cynosuros). Archives of Virology, 2017, 162, 543-548.	2.1	8
99	An optimistic protein assembly from sequence reads salvaged an uncharacterized segment of mouse picobirnavirus. Scientific Reports, 2017, 7, 40447.	3.3	2
100	Discovery of a novel antiviral agent targeting the nonstructural protein 4 (nsP4) of chikungunya virus. Virology, 2017, 505, 102-112.	2.4	32
101	Discovery of novel cyclic peptide inhibitors of dengue virus NS2B-NS3 protease with antiviral activity. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 3586-3590.	2.2	30
102	Valosin-containing protein (VCP/p97) plays a role in the replication of West Nile virus. Virus Research, 2017, 228, 114-123.	2.2	32
103	2016 International meeting of the Global Virus Network. Antiviral Research, 2017, 142, 21-29.	4.1	3
104	Putative RNA viral sequences detected in an Ixodes scapularis-derived cell line. Ticks and Tick-borne Diseases, 2017, 8, 103-111.	2.7	23
105	Clinical effect of mefloquine on progressive multifocal leukoencephalopathy: a large-scale study in japan. Journal of the Neurological Sciences, 2017, 381, 94.	0.6	0
106	Characterization of a Novel Bat Adenovirus Isolated from Straw-Colored Fruit Bat (Eidolon helvum). Viruses, 2017, 9, 371.	3.3	20
107	<i>Listeria monocytogenes</i> serotype 4b strains replicate in monocytes/macrophages more than the other serotypes. Journal of Veterinary Medical Science, 2017, 79, 962-969.	0.9	12
108	Discovery of African bat polyomaviruses and infrequent recombination in the large T antigen in the Polyomaviridae. Journal of General Virology, 2017, 98, 726-738.	2.9	14

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109	Identification of the same polyomavirus species in different African horseshoe bat species is indicative of short-range host-switching events. Journal of General Virology, 2017, 98, 2771-2785.	2.9	11
110	Divergent bufavirus harboured in megabats represents a new lineage of parvoviruses. Scientific Reports, 2016, 6, 24257.	3.3	22
111	Rab8b Regulates Transport of West Nile Virus Particles from Recycling Endosomes. Journal of Biological Chemistry, 2016, 291, 6559-6568.	3.4	28
112	Generation of recombinant rabies viruses encoding NanoLuc luciferase for antiviral activity assays. Virus Research, 2016, 215, 121-128.	2.2	21
113	Multi-reassortant G3P[3] group A rotavirus in a horseshoe bat in Zambia. Journal of General Virology, 2016, 97, 2488-2493.	2.9	16
114	Tyr724 phosphorylation of ELMO1 by Src is involved in cell spreading and migration via Rac1 activation. Cell Communication and Signaling, 2015, 13, 35.	6.5	10
115	Distinct Lineages of Bufavirus in Wild Shrews and Nonhuman Primates. Emerging Infectious Diseases, 2015, 21, 1230-1233.	4.3	39
116	Molecular epidemiology of pathogenic Leptospira spp. in the straw-colored fruit bat (Eidolon helvum) migrating to Zambia from the Democratic Republic of Congo. Infection, Genetics and Evolution, 2015, 32, 143-147.	2.3	25
117	Metagenomic analysis of the shrew enteric virome reveals novel viruses related to human stool-associated viruses. Journal of General Virology, 2015, 96, 440-452.	2.9	34
118	Pathological and molecular diagnosis of the 2013 African swine fever outbreak in Lusaka, Zambia. Tropical Animal Health and Production, 2015, 47, 459-463.	1.4	9
119	Detection of coronavirus genomes in Moluccan naked-backed fruit bats in Indonesia. Archives of Virology, 2015, 160, 1113-1118.	2.1	21
120	Detection of novel polyomaviruses in fruit bats in Indonesia. Archives of Virology, 2015, 160, 1075-1082.	2.1	18
121	Orthopoxvirus infection among wildlife in Zambia. Journal of General Virology, 2015, 96, 390-394.	2.9	39
122	Neurogenic Cardiomyopathy in Rabbits With Experimentally Induced Rabies. Veterinary Pathology, 2015, 52, 573-575.	1.7	0
123	Seroepidemiological Prevalence of Multiple Species of Filoviruses in Fruit Bats (<i>Eidolon) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	4.0	94
124	Paternal H3K4 methylation is required for minor zygotic gene activation and early mouse embryonic development. EMBO Reports, 2015, 16, 803-812.	4.5	69
125	Isolation and Characterization of a Novel Alphaherpesvirus in Fruit Bats. Journal of Virology, 2014, 88, 9819-9829.	3.4	29
126	Detection and characterization of zoonotic pathogens of free-ranging non-human primates from Zambia. Parasites and Vectors, 2014, 7, 490.	2.5	29

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127	Molecular epidemiology of paramyxoviruses in Zambian wild rodents and shrews. Journal of General Virology, 2014, 95, 325-330.	2.9	29
128	Survival of rabid rabbits after intrathecal immunization. Neuropathology, 2014, 34, 277-283.	1.2	9
129	A nairovirus isolated from African bats causes haemorrhagic gastroenteritis and severe hepatic disease in mice. Nature Communications, 2014, 5, 5651.	12.8	41
130	Establishment of tracking system for West Nile virus entry and evidence of microtubule involvement in particle transport. Journal of Virological Methods, 2014, 195, 250-257.	2.1	11
131	Autophagy inhibits viral genome replication and gene expression stages in West Nile virus infection. Virus Research, 2014, 191, 83-91.	2.2	40
132	The zoonotic potential of avian influenza viruses isolated from wild waterfowl in Zambia. Archives of Virology, 2014, 159, 2633-2640.	2.1	4
133	Molecular Epidemiology of Paramyxoviruses in Frugivorous <i>Eidolon helvum</i> Bats in Zambia. Journal of Veterinary Medical Science, 2014, 76, 611-614.	0.9	20
134	Role of the C-Terminal Region of Vervet Monkey Polyomavirus 1 VP1 in Virion Formation. Journal of Veterinary Medical Science, 2014, 76, 637-644.	0.9	2
135	130â€ƒReinhard Kurth Honorary Lecture HTLV-I and Adult T Cell Leukemia/Lymphoma (ATLL). Journal of Acquired Immune Deficiency Syndromes (1999), 2014, 65, 54.	2.1	0
136	Virus-like particles with removable cyclodextrins enable glutathione-triggered drug release in cells. Molecular BioSystems, 2013, 9, 501.	2.9	19
137	Characterization of Japanese encephalitis virus infection in an immortalized mesencephalic cell line, CSM14.1. Microbiology and Immunology, 2013, 57, 723-731.	1.4	4
138	De novo sequence analysis of cytochrome P450 1â€“3 genes expressed in ostrich liver with highest expression of CYP2G19. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2013, 8, 201-208.	1.0	3
139	Gold Nanoparticles as a Vaccine Platform: Influence of Size and Shape on Immunological Responses in Vitro and in Vivo. ACS Nano, 2013, 7, 3926-3938.	14.6	533
140	Viroporin activity of the JC polyomavirus is regulated by interactions with the adaptor protein complex 3. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 18668-18673.	7.1	33
141	Involvement of EphA2-mediated tyrosine phosphorylation of Shp2 in Shp2-regulated activation of extracellular signal-regulated kinase. Oncogene, 2013, 32, 5292-5301.	5.9	41
142	Oral administration of an HSP90 inhibitor, 17-DMAG, intervenes tumor-cell infiltration into multiple organs and improves survival period for ATL model mice. Blood Cancer Journal, 2013, 3, e132-e132.	6.2	28
143	Identification of a novel polyomavirus from vervet monkeys in Zambia. Journal of General Virology, 2013, 94, 1357-1364.	2.9	18
144	Cross-Reactivity of Secondary Antibodies against African Rodents and Application for Sero-Surveillance. Journal of Veterinary Medical Science, 2013, 75, 819-825.	0.9	7

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145	Human Parainfluenza Virus Type 3 in Wild Nonhuman Primates, Zambia. Emerging Infectious Diseases, 2013, 19, .	4.3	12
146	Cysteine Residues in the Major Capsid Protein, Vp1, of the JC Virus Are Important for Protein Stability and Oligomer Formation. PLoS ONE, 2013, 8, e76668.	2.5	11
147	Relationship between Methyl CpG Binding Protein 2 and JC Viral Proteins. Japanese Journal of Infectious Diseases, 2013, 66, 126-132.	1.2	1
148	Alpha-Defensin Overexpression in Patients with Bell's Palsy and Ramsay Hunt Syndrome. Annals of Otology, Rhinology and Laryngology, 2012, 121, 419-425.	1.1	3
149	Humanâ€“animal anthrax outbreak in the Luangwa valley of Zambia in 2011. Tropical Doctor, 2012, 42, 136-139.	0.5	35
150	Virus Capsid Coating of Gold Nanoparticles via Cysteineâ€“Au Interactions and Their Effective Cellular Uptakes. Chemistry Letters, 2012, 41, 113-115.	1.3	6
151	Role of JC virus agnoprotein in virion formation. Microbiology and Immunology, 2012, 56, 639-646.	1.4	20
152	Molecular epidemiology and a loop-mediated isothermal amplification method for diagnosis of infection with rabies virus in Zambia. Virus Research, 2012, 163, 160-168.	2.2	29
153	Molecular detection of a novel paramyxovirus in fruit bats from Indonesia. Virology Journal, 2012, 9, 240.	3.4	35
154	Population genetic analysis and sub-structuring of Theileria parva in the northern and eastern parts of Zambia. Parasites and Vectors, 2012, 5, 255.	2.5	30
155	JC Virus Encephalopathy Is Associated with a Novel Agnoprotein-Deletion JCV Variant. PLoS ONE, 2012, 7, e35793.	2.5	39
156	Pathological Examination of Lung Tissues in Influenza A Virus-Infected Mice. Japanese Journal of Infectious Diseases, 2012, 65, 383-391.	1.2	3
157	Evidence of Yersinia pestis DNA from fleas in an endemic plague area of Zambia. BMC Research Notes, 2012, 5, 72.	1.4	20
158	Molecular surveillance and phylogenetic analysis of Old World arenaviruses in Zambia. Journal of General Virology, 2012, 93, 2247-2251.	2.9	37
159	Accumulation of ubiquitinated proteins is related to West Nile virusâ€induced neuronal apoptosis. Neuropathology, 2012, 32, 398-405.	1.2	26
160	The sphingosine-1-phosphate transporter Spns2 expressed on endothelial cells regulates lymphocyte trafficking in mice. Journal of Clinical Investigation, 2012, 122, 1416-1426.	8.2	280
161	Identification of the plague reservoir in an endemic area of Zambia. Onderstepoort Journal of Veterinary Research, 2012, 79, .	1.2	0
162	Paradoxical effects of chondroitin sulfate-E on Japanese encephalitis viral infection. Biochemical and Biophysical Research Communications, 2011, 409, 717-722.	2.1	14

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163	A novel function of the N-terminal domain of PA in assembly of influenza A virus RNA polymerase. Biochemical and Biophysical Research Communications, 2011, 414, 719-726.	2.1	6
164	High expression of MeCP2 in JC virus-infected cells of progressive multifocal leukoencephalopathy brains. Neuropathology, 2011, 31, 38-41.	1.2	2
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