Duncan R Smith

List of Publications by Year
in descending order

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199 papers	14,022 citations	57758 44 h-index	22166 113 g-index

200 all docs	200 docs citations	200 times ranked	26658 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
3	Zika virus: history of a newly emerging arbovirus. Lancet Infectious Diseases, The, 2016, 16, e119-e126.	9.1	352
4	Identification of GRP 78 (BiP) as a liver cell expressed receptor element for dengue virus serotype 2. Archives of Virology, 2004, 149, 915-927.	2.1	247
5	Serotype-Specific Entry of Dengue Virus into Liver Cells: Identification of the 37-Kilodalton/67-Kilodalton High-Affinity Laminin Receptor as a Dengue Virus Serotype 1 Receptor. Journal of Virology, 2004, 78, 12647-12656.	3.4	214
6	Co-localization of constituents of the dengue virus translation and replication machinery with amphisomes. Journal of General Virology, 2009, 90, 448-456.	2.9	143
7	Identification of prohibitin as a Chikungunya virus receptor protein. Journal of Medical Virology, 2012, 84, 1757-1770.	5.0	143
8	Identification and characterization of prohibitin as a receptor protein mediating DENV-2 entry into insect cells. Virology, 2010, 406, 149-161.	2.4	132
9	Apoptosis and apoptosis related gene expression in normal conjunctiva and pterygium. British Journal of Ophthalmology, 2000, 84, 212-216.	3.9	131
10	Abnormal Expression of the p53 Tumor Suppressor Gene in the Conjunctiva of Patients With Pterygium. American Journal of Ophthalmology, 1997, 123, 404-405.	3.3	119
11	Activity of andrographolide against dengue virus. Antiviral Research, 2017, 139, 69-78.	4.1	110
12	Rapid production of SARS-CoV-2 receptor binding domain (RBD) and spike specific monoclonal antibody CR3022 in Nicotiana benthamiana. Scientific Reports, 2020, 10, 17698.	3.3	110
13	A role for autophagolysosomes in dengue virus 3 production in HepG2 cells. Journal of General Virology, 2009, 90, 1093-1103.	2.9	108
14	Activity of andrographolide against chikungunya virus infection. Scientific Reports, 2015, 5, 14179.	3.3	104
15	Functional categories of TP53 mutation in colorectal cancer: results of an International Collaborative Study. Annals of Oncology, 2006, 17, 842-847.	1.2	92
16	Chikungunya in Southeast Asia: understanding the emergence and finding solutions. International Journal of Infectious Diseases, 2011, 15, e671-e676.	3.3	82
17	Over-expression of the c-myc proto-oncogene in colorectal carcinoma. British Journal of Cancer, 1993, 68, 407-413.	6.4	80
18	Prognostic significance of p53 overexpression and mutation in colorectal adenocarcinomas. British Journal of Cancer, 1996, 74, 216-223.	6.4	79

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19	Chikungunya Virus Infection of Cell Lines: Analysis of the East, Central and South African Lineage. PLoS ONE, 2012, 7, e31102.	2.5	76
20	Characterization of putative Japanese encephalitis virus receptor molecules on microglial cells. Journal of Medical Virology, 2012, 84, 615-623.	5.0	73
21	p53 and behaviour of colorectal cancer. Lancet, The, 1994, 344, 233-234.	13.7	71
22	Growth and Production of the Dengue Virus in C6/36 Cells and Identification of a Laminin-Binding Protein as a Candidate Serotype 3 and 4 Receptor Protein. Intervirology, 2006, 49, 161-172.	2.8	69
23	Melatonin stimulates the nonamyloidogenic processing of Î²<scp>APP</scp> through the positive transcriptional regulation of ADAM10 and ADAM17. Journal of Pineal Research, 2015, 58, 151-165.	7.4	68
24	Apoptosis Occurs after Cerebral Contusions in Humans. Neurosurgery, 2000, 46, 949-956.	1.1	67
25	Highly permissive infection of microglial cells by Japanese encephalitis virus: a possible role as a viral reservoir. Microbes and Infection, 2010, 12, 37-45.	1.9	65
26	Expression of survivin in primary glioblastomas. Journal of Cancer Research and Clinical Oncology, 2002, 128, 302-306.	2.5	62
27	Dengue virus entry into liver (HepG2) cells is independent of hsp90 and hsp70. Journal of Medical Virology, 2007, 79, 386-392.	5.0	61
28	Apoptosis in dengue virus infected liver cell lines HepG2 and Hep3B. Journal of Medical Virology, 2004, 72, 436-444.	5.0	60
29	Proteomic Analysis of Chikungunya Virus Infected Microgial Cells. PLoS ONE, 2012, 7, e34800.	2.5	58
30	Osteoclastogenesis induced by CHIKV-infected fibroblast-like synoviocytes: A possible interplay between synoviocytes and monocytes/macrophages in CHIKV-induced arthralgia/arthritis. Virus Research, 2013, 177, 179-188.	2.2	57
31	Involvement of fatty acid synthase in dengue virus infection. Virology Journal, 2017, 14, 28.	3.4	54
32	Identification and Characterization of a Penaeus monodon Lymphoid Cell-Expressed Receptor for the Yellow Head Virus. Journal of Virology, 2006, 80, 262-269.	3.4	53
33	Involvement of ATP synthase Î² subunit in chikungunya virus entry into insect cells. Archives of Virology, 2014, 159, 3353-3364.	2.1	52
34	Dengue infection of monocytic cells activates ER stress pathways, but apoptosis is induced through both extrinsic and intrinsic pathways. Virology, 2011, 409, 189-197.	2.4	51
35	Immunological evidence of Zika virus transmission in Thailand. Asian Pacific Journal of Tropical Medicine, 2016, 9, 141-144.	0.8	51
36	Apoptosis Occurs after Cerebral Contusions in Humans. Neurosurgery, 2000, 46, 949-956.	1.1	51

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37	Behavior of the dengue virus in solution. Journal of Medical Virology, 2003, 71, 532-539.	5.0	50
38	Characterization of dengue virus entry into HepG2 cells. Journal of Biomedical Science, 2009, 16, 17.	7.0	50
39	Induced autophagy reduces virus output in dengue infected monocytic cells. Virology, 2011, 418, 74-84.	2.4	50
40	Increased mRNA expression of the receptor-like protein tyrosine phosphatase Î± in late stage colon carcinomas. Cancer Letters, 1995, 93, 239-248.	7.2	49
41	Infection of human primary hepatocytes with dengue virus serotype 2. Journal of Medical Virology, 2007, 79, 300-307.	5.0	49
42	A proteomic analysis of the anti-dengue virus activity of andrographolide. Biomedicine and Pharmacotherapy, 2019, 109, 322-332.	5.6	48
43	Antiproliferative Effects of Cucurbitacin B in Breast Cancer Cells: Down-Regulation of the c-Myc/hTERT/Telomerase Pathway and Obstruction of the Cell Cycle. International Journal of Molecular Sciences, 2010, 11, 5323-5338.	4.1	47
44	The Involvement of Microglial Cells in Japanese Encephalitis Infections. Clinical and Developmental Immunology, 2012, 2012, 1-7.	3.3	46
45	Assessment of flavaglines as potential chikungunya virus entry inhibitors. Microbiology and Immunology, 2015, 59, 129-141.	1.4	45
46	Dengue 2 infection of HepG2 liver cells results in endoplasmic reticulum stress and induction of multiple pathways of cell death. BMC Research Notes, 2013, 6, 372.	1.4	44
47	miR-21 promotes dengue virus serotype 2 replication in HepG2 cells. Antiviral Research, 2017, 142, 169-177.	4.1	44
48	Expression of extracellular matrix markers in benign meningiomas. Neuropathology, 2003, 23, 275-281.	1.2	43
49	Recent understanding of starch biosynthesis in cassava for quality improvement: A review. Trends in Food Science and Technology, 2019, 83, 167-180.	15.1	43
50	High frequency of allelic deletion on chromosome 17p in advanced colorectal cancer. Cancer, 1994, 73, 28-35.	4.1	42
51	Genetic linkage map of cassava (Manihot esculentaCrantz) based on AFLP and SSR markers. Plant Breeding, 2010, 129, 112-115.	1.9	38
52	Evaluation of the antiviral activity of orlistat (tetrahydrolipstatin) against dengue virus, Japanese encephalitis virus, Zika virus and chikungunya virus. Scientific Reports, 2020, 10, 1499.	3.3	38
53	Internalization and Propagation of the Dengue Virus in Human Hepatoma (HepG2) Cells. Intervirology, 2004, 47, 78-86.	2.8	37
54	Identification of dengue virus binding proteins using affinity chromatography. Journal of Virological Methods, 2008, 151, 325-328.	2.1	37

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55	Increased oxidative metabolism is associated with erythroid precursor expansion in Î²0-thalassaemia/Hb E disease. Blood Cells, Molecules, and Diseases, 2011, 47, 143-157.	1.4	37
56	Oxyresveratrol Inhibits IL-1Î²-Induced Inflammation via Suppressing AKT and ERK1/2 Activation in Human Microglia, HMC3. International Journal of Molecular Sciences, 2020, 21, 6054.	4.1	37
57	Development of Plant-Produced Recombinant ACE2-Fc Fusion Protein as a Potential Therapeutic Agent Against SARS-CoV-2. Frontiers in Plant Science, 2020, 11, 604663.	3.6	37
58	Expression of p63 in Pterygium and Normal Conjunctiva. Cornea, 2004, 23, 67-70.	1.7	35
59	Linking dengue virus entry and translation/replication through amphisomes. Autophagy, 2009, 5, 434-435.	9.1	35
60	Iron and hepcidin mediate human colorectal cancer cell growth. Chemico-Biological Interactions, 2020, 319, 109021.	4.0	33
61	Glioblastoma multiforme in an Asian population: evidence for a distinct genetic pathway. Journal of Neuro-Oncology, 2002, 60, 117-125.	2.9	32
62	Kaempferia parviflora Extract Exhibits Anti-cancer Activity against HeLa Cervical Cancer Cells. Frontiers in Pharmacology, 2017, 8, 630.	3.5	32
63	Artocarpus lakoocha Extract Inhibits LPS-Induced Inflammatory Response in RAW 264.7 Macrophage Cells. International Journal of Molecular Sciences, 2020, 21, 1355.	4.1	32
64	Propagation of infectious yellow head virus particles prior to cytopathic effect in primary lymphoid cell cultures of Penaeus monodon. Diseases of Aquatic Organisms, 2003, 55, 253-258.	1.0	32
65	siRNA-mediated silencing of the 37/67-kDa high affinity laminin receptor in Hep3B cells induces apoptosis. Cellular and Molecular Biology Letters, 2008, 13, 452-64.	7.0	31
66	TheBRCA13â€²-UTR: 5711+421T/T_5711+1286T/T Genotype Is a Possible Breast and Ovarian Cancer Risk Factor. Genetic Testing and Molecular Biomarkers, 2009, 13, 307-317.	0.7	31
67	Enhanced activation of autophagy in Î²-thalassemia/Hb E erythroblasts during erythropoiesis. Annals of Hematology, 2011, 90, 747-758.	1.8	31
68	Characterization of extended-spectrum-Î²-lactamase producing Klebsiella pneumoniae phage KP1801 and evaluation of therapeutic efficacy in vitro and in vivo. Scientific Reports, 2020, 10, 11803.	3.3	31
69	Flavaglines as natural products targeting eIF4A and prohibitins: From traditional Chinese medicine to antiviral activity against coronaviruses. European Journal of Medicinal Chemistry, 2020, 203, 112653.	5.5	31
70	Increased erythropoiesis of Î²â€thalassaemia/Hb E proerythroblasts is mediated by high basal levels of ERK1/2 activation. British Journal of Haematology, 2009, 146, 557-568.	2.5	30
71	Iron dysregulation in beta-thalassemia. Asian Pacific Journal of Tropical Medicine, 2016, 9, 1035-1043.	0.8	30
72	Virus Overlay Protein Binding Assay (VOPBA) Reveals Serotype Specific Heterogeneity of Dengue Virus Binding Proteins on HepG2 Human Liver Cells. Intervirology, 2004, 47, 370-373.	2.8	28

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73	A mechanism of ineffective erythropoiesis in Â-thalassemia/Hb E disease. Haematologica, 2010, 95, 716-723.	3.5	28
74	First published report of Zika virus infection in people: Simpson, not MacNamara. Lancet Infectious Diseases, The, 2017, 17, 15-17.	9.1	28
75	A functional interaction between GRP78 and Zika virus E protein. Scientific Reports, 2021, 11, 393.	3.3	28
76	Polyketides and Alkaloids from the Marine-Derived Fungus Dichotomomyces cejpii F31-1 and the Antiviral Activity of Scequinadoline A against Dengue Virus. Marine Drugs, 2018, 16, 229.	4.6	26
77	Kaempferia parviflora Extract Inhibits STAT3 Activation and Interleukin-6 Production in HeLa Cervical Cancer Cells. International Journal of Molecular Sciences, 2019, 20, 4226.	4.1	26
78	Discordant Activity of Kaempferol Towards Dengue Virus and Japanese Encephalitis Virus. Molecules, 2020, 25, 1246.	3.8	26
79	Entry into and Production of the Japanese Encephalitis Virus from C6/36 Cells. Intervirology, 2007, 50, 85-92.	2.8	25
80	Involvement of voltage-dependent anion channel (VDAC) in dengue infection. Scientific Reports, 2016, 6, 35753.	3.3	25
81	Screening of melatonin, Î±-tocopherol, folic acid, acetyl-l-carnitine and resveratrol for anti-dengue 2 virus activity. BMC Research Notes, 2018, 11, 307.	1.4	25
82	Waiting in the wings: The potential of mosquito transmitted flaviviruses to emerge. Critical Reviews in Microbiology, 2017, 43, 405-422.	6.1	24
83	Hsp90 interacts with multiple dengue virus 2 proteins. Scientific Reports, 2018, 8, 4308.	3.3	24
84	Expression of the inhibitor of apoptosis protein survivin in benign meningiomas. Cancer Letters, 2003, 193, 217-223.	7.2	23
85	Comprehensive proteomic analysis of white blood cells from chikungunya fever patients of different severities. Journal of Translational Medicine, 2014, 12, 96.	4.4	23
86	Zika virus from a Southeast Asian perspective. Asian Pacific Journal of Tropical Medicine, 2017, 10, 1-5.	0.8	23
87	Quantitative trait loci underlying root yield and starch content in an F1 derived cassava population (Manihot esculenta Crantz). Journal of Agricultural Science, 2017, 155, 569-581.	1.3	23
88	Internalization of the dengue virus is cell cycle modulated in HepG2, but not vero cells. Journal of Medical Virology, 2004, 74, 434-441.	5.0	22
89	Mapping of quantitative trait loci underlying resistance to cassava anthracnose disease. Journal of Agricultural Science, 2016, 154, 1209-1217.	1.3	22
90	Cell-type specific variation in the induction of ER stress and downstream events in chikungunya virus infection. Microbial Pathogenesis, 2016, 101, 104-118.	2.9	22

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91	Zika virus and microcephaly in Southeast Asia: A cause for concern?. Journal of Infection and Public Health, 2020, 13, 11-15.	4.1	22
92	An update on mosquito cell expressed dengue virus receptor proteins. Insect Molecular Biology, 2012, 21, 1-7.	2.0	21
93	Zika virus in Thailand. Microbes and Infection, 2018, 20, 670-675.	1.9	21
94	Isolation and characterization of Siphoviridae phage infecting extensively drug-resistant Acinetobacter baumannii and evaluation of therapeutic efficacy in vitro and in vivo. Journal of Medical Microbiology, 2019, 68, 1096-1108.	1.8	21
95	cDNA-AFLP analysis of differential gene expression in human hepatoma cells (HepG2) upon dengue virus infection. Journal of Medical Virology, 2007, 79, 552-561.	5.0	20
96	Strategies for the plantâ€based expression of dengue subunit vaccines. Biotechnology and Applied Biochemistry, 2010, 57, 47-53.	3.1	20
97	Full length and protease domain activity of chikungunya virus nsP2 differ from other alphavirus nsP2 proteases in recognition of small peptide substrates. Bioscience Reports, 2015, 35, .	2.4	20
98	Effects of cassava variety and growth location on starch fine structure and physicochemical properties. Food Hydrocolloids, 2020, 108, 106074.	10.7	20
99	Burkholderia pseudomallei RpoS regulates OxyR and the katG-dpsA operon under conditions of oxidative stress. Microbiology and Immunology, 2010, 54, no-no.	1.4	19
100	Differences in response of primary human myoblasts to infection with recent epidemic strains of Chikungunya virus isolated from patients with and without myalgia. Journal of Medical Virology, 2015, 87, 733-739.	5.0	19
101	Actin Interacts with Dengue Virus 2 and 4 Envelope Proteins. PLoS ONE, 2016, 11, e0151951.	2.5	19
102	Roles of Non-Structural Protein 4A in Flavivirus Infection. Viruses, 2021, 13, 2077.	3.3	19
103	Chikungunya nsP2 protease is not a papain-like cysteine protease and the catalytic dyad cysteine is interchangeable with a proximal serine. Scientific Reports, 2015, 5, 17125.	3.3	18
104	Plasma microRNA-451 as a novel hemolytic marker for Î²0-thalassemia/HbE disease. Molecular Medicine Reports, 2017, 15, 2495-2502.	2.4	18
105	Analysis of the Zika and Japanese Encephalitis Virus NS5 Interactomes. Journal of Proteome Research, 2019, 18, 3203-3218.	3.7	18
106	Gelatinization, pasting and retrogradation properties and molecular fine structure of starches from seven cassava cultivars. International Journal of Biological Macromolecules, 2020, 150, 831-838.	7.5	18
107	Detection of antibodies to duck tembusu virus in human population with or without the history of contact with ducks. Transboundary and Emerging Diseases, 2022, 69, 870-873.	3.0	18
108	Anin vitrodetached leaf assay for pre-screening resistance to anthracnose disease in cassava (Manihot esculentaCrantz). Australasian Plant Pathology, 2010, 39, 547.	1.0	17

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109	Analysis of Zika virus neutralizing antibodies in normal healthy Thais. Scientific Reports, 2018, 8, 17193.	3.3	17
110	Dengue virus requires apoptosis linked gene-2-interacting protein X (ALIX) for viral propagation. Virus Research, 2019, 261, 65-71.	2.2	17
111	Enhanced noninvasive imaging of oncology models using the NIS reporter gene and bioluminescence imaging. Cancer Gene Therapy, 2020, 27, 179-188.	4.6	17
112	Imported case of Middle East respiratory syndrome coronavirus (MERS-CoV) infection from Oman to Thailand, June 2015. Eurosurveillance, 2017, 22, .	7.0	17
113	Prostate tumours from an Asian population: examination of bax, bcl-2, p53 and ras and identification of bax as a prognostic marker. British Journal of Cancer, 2000, 83, 761-768.	6.4	16
114	The Aedes aegypti cell line CCL-125 is dengue virus permissive. Journal of Virological Methods, 2009, 157, 227-230.	2.1	16
115	Meningiomas in Singapore: demographic and biological characteristics. Journal of Neuro-Oncology, 2000, 47, 153-160.	2.9	15
116	Nevirapine induced mitochondrial dysfunction in HepG2 cells. Scientific Reports, 2017, 7, 9194.	3.3	15
117	Andrographolide and Its 14-Aryloxy Analogues Inhibit Zika and Dengue Virus Infection. Molecules, 2020, 25, 5037.	3.8	15
118	Genetic variation of KrÃ¼ppel-like factor 1 (KLF1) and fetal hemoglobin (HbF) levels in Î²0-thalassemia/HbE disease. International Journal of Hematology, 2018, 107, 297-310.	1.6	14
119	Glutathionylation of dengue and Zika NS5 proteins affects guanylyltransferase and RNA dependent RNA polymerase activities. PLoS ONE, 2018, 13, e0193133.	2.5	14
120	Point mutation analysis of theXenopus laevisRNA polymerase I core promoter. Nucleic Acids Research, 1990, 18, 105-109.	14.5	13
121	Proteomic analysis of Hemoglobin H-Constant Spring (Hb H-CS) erythroblasts. Blood Cells, Molecules, and Diseases, 2012, 48, 77-85.	1.4	13
122	The prevalence of alpha-thalassemia amongst Tai and Mon-Khmer ethnic groups residing in northern Thailand: A population-based study. Hematology, 2016, 21, 480-485.	1.5	13
123	c-Ki-ras mutations in colorectal adenocarcinomas from a country with a rapidly changing colorectal cancer incidence. British Journal of Cancer, 1999, 81, 237-241.	6.4	12
124	Investigation of the Cry4Bâ€“Prohibitin Interaction in Aedes aegypti Cells. Current Microbiology, 2012, 65, 446-454.	2.2	12
125	Voltage Dependent Anion Channel Is Redistributed during Japanese Encephalitis Virus Infection of Insect Cells. Scientific World Journal, The, 2014, 2014, 1-10.	2.1	12
126	Evidence of plasticity in the dengue virus: Host cell interaction. Microbial Pathogenesis, 2015, 86, 18-25.	2.9	12

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127	Application of GelC-MS/MS to Proteomic Profiling of Chikungunya Virus Infection: Preparation of Peptides for Analysis. Methods in Molecular Biology, 2016, 1426, 179-193.	0.9	12
128	Glutathionylation of chikungunya nsP2 protein affects protease activity. Biochimica Et Biophysica Acta - General Subjects, 2017, 1861, 106-111.	2.4	12
129	Administration of co-expressed Penaeus stylirostris densovirus-like particles and dsRNA-YHV-Pro provide protection against yellow head virus in shrimp. Journal of Biotechnology, 2018, 267, 63-70.	3.8	12
130	Analysis of cellular proteome changes in response to ZIKV NS2B-NS3 protease expression. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2019, 1867, 89-97.	2.3	12
131	Enhanced antibacterial effect of a novel Friunavirus phage vWU2001 in combination with colistin against carbapenem-resistant Acinetobacter baumannii. Scientific Reports, 2022, 12, 2633.	3.3	12
132	Silencing of PmYPR65 receptor prevents yellow head virus infection in Penaeus monodon. Virus Research, 2014, 189, 133-135.	2.2	11
133	A comprehensive ethnic-based analysis of alpha thalassaemia allelle frequency in northern Thailand. Scientific Reports, 2017, 7, 4690.	3.3	11
134	Analysis of Saturation Binding and Saturation Infection for Dengue Serotypes 1 and 2 in Liver Cells. Intervirology, 2003, 46, 50-55.	2.8	10
135	Dengue virus infection of erythroid precursor cells is modulated by both thalassemia trait status and virus adaptation. Virology, 2014, 471-473, 61-71.	2.4	10
136	Use of weblogs to enhance group learning and design creativity amongst students at a Thai University. Innovations in Education and Teaching International, 2014, 51, 378-388.	2.5	10
137	Oncolytic potency of HER-2 retargeted VSV-FH hybrid viruses: the role of receptor ligand affinity. Molecular Therapy - Oncolytics, 2015, 2, 15012.	4.4	10
138	Activity of vitamin D receptor agonists against dengue virus. Scientific Reports, 2020, 10, 10835.	3.3	10
139	Overexpression of mdm2 and p53 and association with progesterone receptor expression in benign meningiomas. Neuropathology, 2002, 22, 194-199.	1.2	9
140	Molecular characterization and genetic relationship of marigolds (Tagetes spp.) based on simple sequence repeat markers. Plant Genetic Resources: Characterisation and Utilisation, 2014, 12, 317-322.	0.8	9
141	Mitochondrial Changes in Î²0-Thalassemia/Hb E Disease. PLoS ONE, 2016, 11, e0153831.	2.5	9
142	Hypermethylation of 28S ribosomal RNA in Î²-thalassemia trait carriers. International Journal of Biological Macromolecules, 2017, 94, 728-734.	7.5	9
143	Heterogeneity of clinical isolates of chikungunya virus and its impact on the responses of primary human fibroblast-like synoviocytes. Journal of General Virology, 2018, 99, 525-535.	2.9	9
144	Analysis of Genetic Diversity of the Thai Swamp Buffalo (Bubalus bubalis) Using Cattle Microsatellite DNA Markers. Asian-Australasian Journal of Animal Sciences, 2006, 19, 617-621.	2.4	9

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145	Induction of apoptosis in densovirus infected Aedes aegypti mosquitoes. Journal of Invertebrate Pathology, 2010, 104, 239-241.	3.2	8
146	Global protein profiling studies of chikungunya virus infection identify different proteins but common biological processes. Reviews in Medical Virology, 2015, 25, 3-18.	8.3	8
147	Nevirapine induces apoptosis in liver (HepG2) cells. Asian Pacific Journal of Tropical Medicine, 2016, 9, 547-553.	0.8	8
148	A First Phylogeny of the Genus Dimocarpus and Suggestions for Revision of Some Taxa Based on Molecular and Morphological Evidence. Scientific Reports, 2017, 7, 6716.	3.3	8
149	High correlation between Zika virus NS1 antibodies and neutralizing antibodies in selected serum samples from normal healthy Thais. Scientific Reports, 2019, 9, 13498.	3.3	8
150	Platelet proteome reveals specific proteins associated with platelet activation and the hypercoagulable state in Î²-thalassmia/HbE patients. Scientific Reports, 2019, 9, 6059.	3.3	8
151	Berberine Inhibits Dengue Virus through Dual Mechanisms. Molecules, 2021, 26, 5501.	3.8	8
152	Title is missing!. ScienceAsia, 2008, 34, 327.	0.5	8
153	Identification of Hsp90 as a species independent H5N1 avian influenza A virus PB2 interacting protein. Comparative Immunology, Microbiology and Infectious Diseases, 2015, 43, 28-35.	1.6	7
154	Proteomic analysis of monkey kidney LLC-MK2 cells infected with a Thai strain Zika virus. Archives of Virology, 2019, 164, 725-737.	2.1	7
155	Review a brief history of coronaviruses in Thailand. Journal of Virological Methods, 2021, 289, 114034.	2.1	7
156	Pituitary-specific transcriptional initiation sites of the rat carboxypeptidase-H gene and the influence of thyroid hormone status. Molecular Endocrinology, 1992, 6, 713-722.	3.7	7
157	Adaptation of the plaque assay methodology for dengue virus infected HepG2 cells. Journal of Virological Methods, 2004, 116, 119-121.	2.1	6
158	Analysis of protein profiling studies of Î²â€thalassemia/Hb E disease. Proteomics - Clinical Applications, 2016, 10, 1093-1102.	1.6	6
159	Oleic acid Enhances Dengue Virus But Not Dengue Virus-Like Particle Production from Mammalian Cells. Molecular Biotechnology, 2017, 59, 385-393.	2.4	6
160	Ubiquitinâ€Conjugating Enzyme E2 L3 is Downregulated by the Chikungunya Virus nsP2 Protease. Proteomics - Clinical Applications, 2018, 12, e1700020.	1.6	6
161	Comparative analysis of a Thai congenital-Zika-syndrome-associated virus with a Thai Zika-fever-associated virus. Archives of Virology, 2020, 165, 1791-1801.	2.1	6
162	Effective production of recombinant Î”60VP1 chicken anemia virus protein in Escherichia coli and its application to a serodiagnostic indirect ELISA. Journal of Virological Methods, 2020, 282, 113887.	2.1	6

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163	Comparative Plasma Protein Profiling of Hemoglobin H Disease. Disease Markers, 2014, 2014, 1-8.	1.3	5
164	Proteomic analysis of CHIKVâ€infected human fibroblastâ€like synoviocytes: Identification of host factors potentially associated with CHIKV replication and cellular pathogenesis. Microbiology and Immunology, 2020, 64, 445-457.	1.4	5
165	Analysis of Tembusu virus infection of human cell lines and human induced pluripotent stem cell derived hepatocytes. Virus Research, 2021, 292, 198252.	2.2	5
166	Phenanthroline impairs Î²APP processing and expression, increases p53 protein levels and induces cell cycle arrest in human neuroblastoma cells. Brain Research Bulletin, 2021, 170, 29-38.	3.0	5
167	Characterization of microsatellite markers in cassava based on microsatellite-AFLP technique. Genetics and Molecular Research, 2012, 11, 1319-1326.	0.2	5
168	Use of Cattle Microsatellite Markers to Assess Genetic Diversity of Thai Swamp Buffalo (Bubalus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	2.4	5
169	HIT family genes: FHIT but not PKCI-1/HINT produces altered transcripts in colorectal cancer. British Journal of Cancer, 1999, 81, 874-880.	6.4	4
170	p53 Point Mutation is Rare in Meningiomas from Singaporean Patients. Asian Journal of Surgery, 2005, 28, 7-10.	0.4	4
171	Dysregulation of ferroportin gene expression in Î²0-thalassemia/Hb E disease. Annals of Hematology, 2016, 95, 387-396.	1.8	4
172	Development and application of SSR markers derived from Bauhinia Strychnifolia a semi-endemic plant in Thailand. Journal of Herbs, Spices and Medicinal Plants, 2018, 24, 386-393.	1.1	4
173	Identification and expression of genes in response to cassava bacterial blight infection. Journal of Applied Genetics, 2018, 59, 391-403.	1.9	4
174	Phosphoproteomic analysis of dengue virus infected U937 cells and identification of pyruvate kinase M2 as a differentially phosphorylated phosphoprotein. Scientific Reports, 2020, 10, 14493.	3.3	4
175	Transcriptomic analysis of red-spotted grouper nervous necrosis virus infected Asian seabass Lates calcarifer (Bloch, 1790). Aquaculture Reports, 2020, 18, 100517.	1.7	4
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