

Duncan R Smith

List of Publications by Year in descending order

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Version: 2024-02-01

199
papers

14,022
citations

57631

44
h-index

22102

113
g-index

200
all docs

200
docs citations

200
times ranked

26658
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Use of Diversity Arrays Technology (DArT) for detection of QTL underlying plant architecture and yield-related traits in cassava. <i>Journal of Crop Improvement</i> , 2023, 37, 99-118. | 0.9 | 0 |
| 2 | Detection of antibodies to duck tembusu virus in human population with or without the history of contact with ducks. <i>Transboundary and Emerging Diseases</i> , 2022, 69, 870-873. | 1.3 | 18 |
| 3 | Enhanced antibacterial effect of a novel Friunavirus phage vWU2001 in combination with colistin against carbapenem-resistant <i>Acinetobacter baumannii</i> . <i>Scientific Reports</i> , 2022, 12, 2633. | 1.6 | 12 |
| 4 | Oroxilin A shows limited antiviral activity towards dengue virus. <i>BMC Research Notes</i> , 2022, 15, 154. | 0.6 | 2 |
| 5 | An IgM monoclonal antibody against domain 1 of CD147 induces non-canonical RIPK-independent necroptosis in a cell type specific manner in hepatocellular carcinoma cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2022, 1869, 119295. | 1.9 | 4 |
| 6 | Analysis of Tembusu virus infection of human cell lines and human induced pluripotent stem cell derived hepatocytes. <i>Virus Research</i> , 2021, 292, 198252. | 1.1 | 5 |
| 7 | Review a brief history of coronaviruses in Thailand. <i>Journal of Virological Methods</i> , 2021, 289, 114034. | 1.0 | 7 |
| 8 | The application of iPSCs to questions in virology. , 2021, , 1-30. | | 0 |
| 9 | A functional interaction between GRP78 and Zika virus E protein. <i>Scientific Reports</i> , 2021, 11, 393. | 1.6 | 28 |
| 10 | Phenanthroline impairs β APP processing and expression, increases p53 protein levels and induces cell cycle arrest in human neuroblastoma cells. <i>Brain Research Bulletin</i> , 2021, 170, 29-38. | 1.4 | 5 |
| 11 | Berberine Inhibits Dengue Virus through Dual Mechanisms. <i>Molecules</i> , 2021, 26, 5501. | 1.7 | 8 |
| 12 | Roles of Non-Structural Protein 4A in Flavivirus Infection. <i>Viruses</i> , 2021, 13, 2077. | 1.5 | 19 |
| 13 | Production of Zika Virus Virus-Like Particles. <i>Methods in Molecular Biology</i> , 2021, 2183, 183-203. | 0.4 | 4 |
| 14 | Enhanced noninvasive imaging of oncology models using the NIS reporter gene and bioluminescence imaging. <i>Cancer Gene Therapy</i> , 2020, 27, 179-188. | 2.2 | 17 |
| 15 | Zika virus and microcephaly in Southeast Asia: A cause for concern?. <i>Journal of Infection and Public Health</i> , 2020, 13, 11-15. | 1.9 | 22 |
| 16 | Rapid production of SARS-CoV-2 receptor binding domain (RBD) and spike specific monoclonal antibody CR3022 in <i>Nicotiana benthamiana</i> . <i>Scientific Reports</i> , 2020, 10, 17698. | 1.6 | 110 |
| 17 | Characterization of extended-spectrum- β -lactamase producing <i>Klebsiella pneumoniae</i> phage KP1801 and evaluation of therapeutic efficacy in vitro and in vivo. <i>Scientific Reports</i> , 2020, 10, 11803. | 1.6 | 31 |
| 18 | Flavaglines as natural products targeting eIF4A and prohibitins: From traditional Chinese medicine to antiviral activity against coronaviruses. <i>European Journal of Medicinal Chemistry</i> , 2020, 203, 112653. | 2.6 | 31 |

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|----|--|-----|-----------|
| 19 | Activity of vitamin D receptor agonists against dengue virus. <i>Scientific Reports</i> , 2020, 10, 10835. | 1.6 | 10 |
| 20 | Phosphoproteomic analysis of dengue virus infected U937 cells and identification of pyruvate kinase M2 as a differentially phosphorylated phosphoprotein. <i>Scientific Reports</i> , 2020, 10, 14493. | 1.6 | 4 |
| 21 | Oxyresveratrol Inhibits IL-1 β -Induced Inflammation via Suppressing AKT and ERK1/2 Activation in Human Microglia, HMC3. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6054. | 1.8 | 37 |
| 22 | Expression profile of selected genes of the E-11 cell line in response to red-spotted grouper nervous necrosis virus infection. <i>Aquaculture Reports</i> , 2020, 18, 100468. | 0.7 | 2 |
| 23 | Transcriptomic analysis of red-spotted grouper nervous necrosis virus infected Asian seabass <i>Lates calcarifer</i> (Bloch, 1790). <i>Aquaculture Reports</i> , 2020, 18, 100517. | 0.7 | 4 |
| 24 | Andrographolide and Its 14-Aryloxy Analogues Inhibit Zika and Dengue Virus Infection. <i>Molecules</i> , 2020, 25, 5037. | 1.7 | 15 |
| 25 | Analysis of the virus propagation profile of 14 dengue virus isolates in <i>Aedes albopictus</i> C6/36 cells. <i>BMC Research Notes</i> , 2020, 13, 481. | 0.6 | 4 |
| 26 | Comparative analysis of a Thai congenital-Zika-syndrome-associated virus with a Thai Zika-fever-associated virus. <i>Archives of Virology</i> , 2020, 165, 1791-1801. | 0.9 | 6 |
| 27 | Effective production of recombinant β 60VP1 chicken anemia virus protein in <i>Escherichia coli</i> and its application to a serodiagnostic indirect ELISA. <i>Journal of Virological Methods</i> , 2020, 282, 113887. | 1.0 | 6 |
| 28 | Effects of cassava variety and growth location on starch fine structure and physicochemical properties. <i>Food Hydrocolloids</i> , 2020, 108, 106074. | 5.6 | 20 |
| 29 | Proteomic analysis of CHIKV-infected human fibroblast-like synoviocytes: Identification of host factors potentially associated with CHIKV replication and cellular pathogenesis. <i>Microbiology and Immunology</i> , 2020, 64, 445-457. | 0.7 | 5 |
| 30 | Discordant Activity of Kaempferol Towards Dengue Virus and Japanese Encephalitis Virus. <i>Molecules</i> , 2020, 25, 1246. | 1.7 | 26 |
| 31 | Iron and hepcidin mediate human colorectal cancer cell growth. <i>Chemico-Biological Interactions</i> , 2020, 319, 109021. | 1.7 | 33 |
| 32 | <i>Artocarpus lakoocha</i> Extract Inhibits LPS-Induced Inflammatory Response in RAW 264.7 Macrophage Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1355. | 1.8 | 32 |
| 33 | Gelatinization, pasting and retrogradation properties and molecular fine structure of starches from seven cassava cultivars. <i>International Journal of Biological Macromolecules</i> , 2020, 150, 831-838. | 3.6 | 18 |
| 34 | Development of Plant-Produced Recombinant ACE2-Fc Fusion Protein as a Potential Therapeutic Agent Against SARS-CoV-2. <i>Frontiers in Plant Science</i> , 2020, 11, 604663. | 1.7 | 37 |
| 35 | Evaluation of the antiviral activity of orlistat (tetrahydrolipstatin) against dengue virus, Japanese encephalitis virus, Zika virus and chikungunya virus. <i>Scientific Reports</i> , 2020, 10, 1499. | 1.6 | 38 |
| 36 | <i>Kaempferia parviflora</i> Extract Inhibits STAT3 Activation and Interleukin-6 Production in HeLa Cervical Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4226. | 1.8 | 26 |

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|----|---|-----|-----------|
| 37 | High correlation between Zika virus NS1 antibodies and neutralizing antibodies in selected serum samples from normal healthy Thais. <i>Scientific Reports</i> , 2019, 9, 13498. | 1.6 | 8 |
| 38 | Analysis of the Zika and Japanese Encephalitis Virus NS5 Interactomes. <i>Journal of Proteome Research</i> , 2019, 18, 3203-3218. | 1.8 | 18 |
| 39 | Platelet proteome reveals specific proteins associated with platelet activation and the hypercoagulable state in β -thalassaemia/HbE patients. <i>Scientific Reports</i> , 2019, 9, 6059. | 1.6 | 8 |
| 40 | Dengue virus requires apoptosis linked gene-2-interacting protein X (ALIX) for viral propagation. <i>Virus Research</i> , 2019, 261, 65-71. | 1.1 | 17 |
| 41 | Analysis of cellular proteome changes in response to ZIKV NS2B-NS3 protease expression. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2019, 1867, 89-97. | 1.1 | 12 |
| 42 | A proteomic analysis of the anti-dengue virus activity of andrographolide. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 322-332. | 2.5 | 48 |
| 43 | Recent understanding of starch biosynthesis in cassava for quality improvement: A review. <i>Trends in Food Science and Technology</i> , 2019, 83, 167-180. | 7.8 | 43 |
| 44 | Proteomic analysis of monkey kidney LLC-MK2 cells infected with a Thai strain Zika virus. <i>Archives of Virology</i> , 2019, 164, 725-737. | 0.9 | 7 |
| 45 | Isolation and characterization of Siphoviridae phage infecting extensively drug-resistant <i>Acinetobacter baumannii</i> and evaluation of therapeutic efficacy in vitro and in vivo. <i>Journal of Medical Microbiology</i> , 2019, 68, 1096-1108. | 0.7 | 21 |
| 46 | Hsp90 interacts with multiple dengue virus 2 proteins. <i>Scientific Reports</i> , 2018, 8, 4308. | 1.6 | 24 |
| 47 | Administration of co-expressed <i>Penaeus stylirostris</i> densovirus-like particles and dsRNA-YHV-Pro provide protection against yellow head virus in shrimp. <i>Journal of Biotechnology</i> , 2018, 267, 63-70. | 1.9 | 12 |
| 48 | In vitro neutralization of yellow head virus infection in shrimp using recombinant PmYRP65 protein. <i>Aquaculture</i> , 2018, 486, 266-270. | 1.7 | 3 |
| 49 | Zika virus in Thailand. <i>Microbes and Infection</i> , 2018, 20, 670-675. | 1.0 | 21 |
| 50 | Genetic variation of Krüppel-like factor 1 (KLF1) and fetal hemoglobin (HbF) levels in β -thalassaemia/HbE disease. <i>International Journal of Hematology</i> , 2018, 107, 297-310. | 0.7 | 14 |
| 51 | Ubiquitin-Conjugating Enzyme E2 L3 is Downregulated by the Chikungunya Virus nsP2 Protease. <i>Proteomics - Clinical Applications</i> , 2018, 12, e1700020. | 0.8 | 6 |
| 52 | Modulation of hepcidin expression by normal control and beta θ -thalassaemia/Hb E erythroblasts. <i>Hematology</i> , 2018, 23, 423-428. | 0.7 | 3 |
| 53 | Analysis of Zika virus neutralizing antibodies in normal healthy Thais. <i>Scientific Reports</i> , 2018, 8, 17193. | 1.6 | 17 |
| 54 | Development and application of SSR markers derived from <i>Bauhinia Strychnifolia</i> a semi-endemic plant in Thailand. <i>Journal of Herbs, Spices and Medicinal Plants</i> , 2018, 24, 386-393. | 0.5 | 4 |

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|----|---|-----|-----------|
| 55 | Modulation of bovine herpesvirus 1 infection by virally encoded microRNAs. <i>Virus Research</i> , 2018, 257, 1-6. | 1.1 | 3 |
| 56 | Polyketides and Alkaloids from the Marine-Derived Fungus <i>Dichotomomyces cejpilii</i> F31-1 and the Antiviral Activity of Scequinadoline A against Dengue Virus. <i>Marine Drugs</i> , 2018, 16, 229. | 2.2 | 26 |
| 57 | Identification and expression of genes in response to cassava bacterial blight infection. <i>Journal of Applied Genetics</i> , 2018, 59, 391-403. | 1.0 | 4 |
| 58 | Screening of melatonin, α -tocopherol, folic acid, acetyl-L-carnitine and resveratrol for anti-dengue 2 virus activity. <i>BMC Research Notes</i> , 2018, 11, 307. | 0.6 | 25 |
| 59 | Dissection of gene loci underlying pasting temperature in cassava. <i>Journal of Crop Improvement</i> , 2018, 32, 493-510. | 0.9 | 2 |
| 60 | Glutathionylation of dengue and Zika NS5 proteins affects guanylyltransferase and RNA dependent RNA polymerase activities. <i>PLoS ONE</i> , 2018, 13, e0193133. | 1.1 | 14 |
| 61 | Heterogeneity of clinical isolates of chikungunya virus and its impact on the responses of primary human fibroblast-like synoviocytes. <i>Journal of General Virology</i> , 2018, 99, 525-535. | 1.3 | 9 |
| 62 | Zika virus from a Southeast Asian perspective. <i>Asian Pacific Journal of Tropical Medicine</i> , 2017, 10, 1-5. | 0.4 | 23 |
| 63 | Involvement of fatty acid synthase in dengue virus infection. <i>Virology Journal</i> , 2017, 14, 28. | 1.4 | 54 |
| 64 | Plasma microRNA-451 as a novel hemolytic marker for α -thalassemia/HbE disease. <i>Molecular Medicine Reports</i> , 2017, 15, 2495-2502. | 1.1 | 18 |
| 65 | Endogamous marriage and the prevalence of hemoglobin E in ethnic groups of northern Thailand. <i>Asian Pacific Journal of Tropical Medicine</i> , 2017, 10, 414-417. | 0.4 | 0 |
| 66 | In vitro assembly of <i>Penaeus monodon</i> densovirus (PmDENV)-like particles produced in a prokaryote expression system. <i>Aquaculture Research</i> , 2017, 48, 4975-4981. | 0.9 | 2 |
| 67 | miR-21 promotes dengue virus serotype 2 replication in HepG2 cells. <i>Antiviral Research</i> , 2017, 142, 169-177. | 1.9 | 44 |
| 68 | Quantitative trait loci underlying root yield and starch content in an F1 derived cassava population (<i>Manihot esculenta</i> Crantz). <i>Journal of Agricultural Science</i> , 2017, 155, 569-581. | 0.6 | 23 |
| 69 | Activity of andrographolide against dengue virus. <i>Antiviral Research</i> , 2017, 139, 69-78. | 1.9 | 110 |
| 70 | First published report of Zika virus infection in people: Simpson, not MacNamara. <i>Lancet Infectious Diseases</i> , 2017, 17, 15-17. | 4.6 | 28 |
| 71 | Nevirapine induced mitochondrial dysfunction in HepG2 cells. <i>Scientific Reports</i> , 2017, 7, 9194. | 1.6 | 15 |
| 72 | A First Phylogeny of the Genus <i>Dimocarpus</i> and Suggestions for Revision of Some Taxa Based on Molecular and Morphological Evidence. <i>Scientific Reports</i> , 2017, 7, 6716. | 1.6 | 8 |

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|----|--|-----|-----------|
| 73 | Oleic acid Enhances Dengue Virus But Not Dengue Virus-Like Particle Production from Mammalian Cells. <i>Molecular Biotechnology</i> , 2017, 59, 385-393. | 1.3 | 6 |
| 74 | A comprehensive ethnic-based analysis of alpha thalassaemia allele frequency in northern Thailand. <i>Scientific Reports</i> , 2017, 7, 4690. | 1.6 | 11 |
| 75 | Waiting in the wings: The potential of mosquito transmitted flaviviruses to emerge. <i>Critical Reviews in Microbiology</i> , 2017, 43, 405-422. | 2.7 | 24 |
| 76 | Hypermethylation of 28S ribosomal RNA in β -thalassemia trait carriers. <i>International Journal of Biological Macromolecules</i> , 2017, 94, 728-734. | 3.6 | 9 |
| 77 | Glutathionylation of chikungunya nsP2 protein affects protease activity. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 106-111. | 1.1 | 12 |
| 78 | Kaempferia parviflora Extract Exhibits Anti-cancer Activity against HeLa Cervical Cancer Cells. <i>Frontiers in Pharmacology</i> , 2017, 8, 630. | 1.6 | 32 |
| 79 | Imported case of Middle East respiratory syndrome coronavirus (MERS-CoV) infection from Oman to Thailand, June 2015. <i>Eurosurveillance</i> , 2017, 22, . | 3.9 | 17 |
| 80 | Mitochondrial Changes in β -Thalassemia/Hb E Disease. <i>PLoS ONE</i> , 2016, 11, e0153831. | 1.1 | 9 |
| 81 | Iron dysregulation in beta-thalassemia. <i>Asian Pacific Journal of Tropical Medicine</i> , 2016, 9, 1035-1043. | 0.4 | 30 |
| 82 | Mapping of quantitative trait loci underlying resistance to cassava anthracnose disease. <i>Journal of Agricultural Science</i> , 2016, 154, 1209-1217. | 0.6 | 22 |
| 83 | The prevalence of alpha-thalassemia amongst Tai and Mon-Khmer ethnic groups residing in northern Thailand: A population-based study. <i>Hematology</i> , 2016, 21, 480-485. | 0.7 | 13 |
| 84 | Induced pluripotent stem cells: A new addition to the virologists armamentarium. <i>Journal of Virological Methods</i> , 2016, 235, 191-195. | 1.0 | 2 |
| 85 | Analysis of protein profiling studies of β -thalassemia/Hb E disease. <i>Proteomics - Clinical Applications</i> , 2016, 10, 1093-1102. | 0.8 | 6 |
| 86 | Genetic Linkage Map of Cassava (<i>Manihot esculenta</i> Crantz) Based on Rubber Tree and Cassava Simple Sequence Repeat Markers. <i>Journal of Crop Improvement</i> , 2016, 30, 552-561. | 0.9 | 0 |
| 87 | Application of GelC-MS/MS to Proteomic Profiling of Chikungunya Virus Infection: Preparation of Peptides for Analysis. <i>Methods in Molecular Biology</i> , 2016, 1426, 179-193. | 0.4 | 12 |
| 88 | Cell-type specific variation in the induction of ER stress and downstream events in chikungunya virus infection. <i>Microbial Pathogenesis</i> , 2016, 101, 104-118. | 1.3 | 22 |
| 89 | Involvement of voltage-dependent anion channel (VDAC) in dengue infection. <i>Scientific Reports</i> , 2016, 6, 35753. | 1.6 | 25 |
| 90 | Zika virus: history of a newly emerging arbovirus. <i>Lancet Infectious Diseases</i> , The, 2016, 16, e119-e126. | 4.6 | 352 |

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|-----|--|-----|-----------|
| 91 | Nevirapine induces apoptosis in liver (HepG2) cells. Asian Pacific Journal of Tropical Medicine, 2016, 9, 547-553. | 0.4 | 8 |
| 92 | Immunological evidence of Zika virus transmission in Thailand. Asian Pacific Journal of Tropical Medicine, 2016, 9, 141-144. | 0.4 | 51 |
| 93 | Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222. | 4.3 | 4,701 |
| 94 | Dysregulation of ferroportin gene expression in β^0 -thalassemia/Hb E disease. Annals of Hematology, 2016, 95, 387-396. | 0.8 | 4 |
| 95 | Actin Interacts with Dengue Virus 2 and 4 Envelope Proteins. PLoS ONE, 2016, 11, e0151951. | 1.1 | 19 |
| 96 | Isolation and Characterization of Microsatellite Loci and Genetic Diversity in Cassava (<i>Manihot</i>) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 | 0.9 | 2 |
| 97 | Activity of andrographolide against chikungunya virus infection. Scientific Reports, 2015, 5, 14179. | 1.6 | 104 |
| 98 | 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. | 1.6 | 18 |
| 99 | Oncolytic potency of HER-2 retargeted VSV-FH hybrid viruses: the role of receptor ligand affinity. Molecular Therapy - Oncolytics, 2015, 2, 15012. | 2.0 | 10 |
| 100 | Delayed antibody dependent enhancement of low passage dengue virus 4 isolates. BMC Research Notes, 2015, 8, 399. | 0.6 | 1 |
| 101 | Genetic analysis of <i>Cheirostylis</i> species based on microsatellite markers. Plant Genetic Resources: Characterisation and Utilisation, 2015, 13, 286-289. | 0.4 | 2 |
| 102 | Assessment of flavaglines as potential chikungunya virus entry inhibitors. Microbiology and Immunology, 2015, 59, 129-141. | 0.7 | 45 |
| 103 | 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. | 2.5 | 19 |
| 104 | Evidence of plasticity in the dengue virus: Host cell interaction. Microbial Pathogenesis, 2015, 86, 18-25. | 1.3 | 12 |
| 105 | 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, . | 1.1 | 20 |
| 106 | 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. | 0.7 | 7 |
| 107 | Identification of Differentially Expressed Proteins in Cassava Infected with <i>Colletotrichum gloeosporioides</i> sp. <i>manihotis</i> . Journal of Crop Improvement, 2015, 29, 728-746. | 0.9 | 0 |
| 108 | Global protein profiling studies of chikungunya virus infection identify different proteins but common biological processes. Reviews in Medical Virology, 2015, 25, 3-18. | 3.9 | 8 |

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|-----|---|-----|-----------|
| 109 | Melatonin stimulates the nonamyloidogenic processing of β -APP through the positive transcriptional regulation of ADAM10 and ADAM17. <i>Journal of Pineal Research</i> , 2015, 58, 151-165. | 3.4 | 68 |
| 110 | Retrospective screening of acute undifferentiated fever serum samples with universal flavivirus primers. <i>Journal of Infection in Developing Countries</i> , 2015, 9, 760-764. | 0.5 | 1 |
| 111 | Voltage Dependent Anion Channel Is Redistributed during Japanese Encephalitis Virus Infection of Insect Cells. <i>Scientific World Journal</i> , The, 2014, 2014, 1-10. | 0.8 | 12 |
| 112 | Molecular characterization and genetic relationship of marigolds (<i>Tagetes</i> spp.) based on simple sequence repeat markers. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2014, 12, 317-322. | 0.4 | 9 |
| 113 | Proteomic Analysis of Serum and Urine of HIV-Monoinfected and HIV/HCV-Coinfected Patients Undergoing Long Term Treatment with Nevirapine. <i>Disease Markers</i> , 2014, 2014, 1-12. | 0.6 | 3 |
| 114 | Comparative Plasma Protein Profiling of Hemoglobin H Disease. <i>Disease Markers</i> , 2014, 2014, 1-8. | 0.6 | 5 |
| 115 | Comprehensive proteomic analysis of white blood cells from chikungunya fever patients of different severities. <i>Journal of Translational Medicine</i> , 2014, 12, 96. | 1.8 | 23 |
| 116 | Dengue virus infection of erythroid precursor cells is modulated by both thalassemia trait status and virus adaptation. <i>Virology</i> , 2014, 471-473, 61-71. | 1.1 | 10 |
| 117 | Involvement of ATP synthase β subunit in chikungunya virus entry into insect cells. <i>Archives of Virology</i> , 2014, 159, 3353-3364. | 0.9 | 52 |
| 118 | Use of weblogs to enhance group learning and design creativity amongst students at a Thai University. <i>Innovations in Education and Teaching International</i> , 2014, 51, 378-388. | 1.5 | 10 |
| 119 | Silencing of PmYPR65 receptor prevents yellow head virus infection in <i>Penaeus monodon</i> . <i>Virus Research</i> , 2014, 189, 133-135. | 1.1 | 11 |
| 120 | Osteoclastogenesis induced by CHIKV-infected fibroblast-like synoviocytes: A possible interplay between synoviocytes and monocytes/macrophages in CHIKV-induced arthralgia/arthritis. <i>Virus Research</i> , 2013, 177, 179-188. | 1.1 | 57 |
| 121 | Dengue 2 infection of HepG2 liver cells results in endoplasmic reticulum stress and induction of multiple pathways of cell death. <i>BMC Research Notes</i> , 2013, 6, 372. | 0.6 | 44 |
| 122 | The Involvement of Microglial Cells in Japanese Encephalitis Infections. <i>Clinical and Developmental Immunology</i> , 2012, 2012, 1-7. | 3.3 | 46 |
| 123 | Proteomic analysis of Hemoglobin H-Constant Spring (Hb H-CS) erythroblasts. <i>Blood Cells, Molecules, and Diseases</i> , 2012, 48, 77-85. | 0.6 | 13 |
| 124 | Identification of prohibitin as a Chikungunya virus receptor protein. <i>Journal of Medical Virology</i> , 2012, 84, 1757-1770. | 2.5 | 143 |
| 125 | Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544. | 4.3 | 3,122 |
| 126 | Investigation of the Cry4B-Prohibitin Interaction in <i>Aedes aegypti</i> Cells. <i>Current Microbiology</i> , 2012, 65, 446-454. | 1.0 | 12 |

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|-----|--|-----|-----------|
| 127 | Proteomic Analysis of Chikungunya Virus Infected Microglial Cells. PLoS ONE, 2012, 7, e34800. | 1.1 | 58 |
| 128 | An update on mosquito cell expressed dengue virus receptor proteins. Insect Molecular Biology, 2012, 21, 1-7. | 1.0 | 21 |
| 129 | Characterization of putative Japanese encephalitis virus receptor molecules on microglial cells. Journal of Medical Virology, 2012, 84, 615-623. | 2.5 | 73 |
| 130 | Chikungunya Virus Infection of Cell Lines: Analysis of the East, Central and South African Lineage. PLoS ONE, 2012, 7, e31102. | 1.1 | 76 |
| 131 | Characterization of microsatellite markers in cassava based on microsatellite-AFLP technique. Genetics and Molecular Research, 2012, 11, 1319-1326. | 0.3 | 5 |
| 132 | Increased oxidative metabolism is associated with erythroid precursor expansion in β^0 -thalassaemia/Hb E disease. Blood Cells, Molecules, and Diseases, 2011, 47, 143-157. | 0.6 | 37 |
| 133 | Chikungunya in Southeast Asia: understanding the emergence and finding solutions. International Journal of Infectious Diseases, 2011, 15, e671-e676. | 1.5 | 82 |
| 134 | Dengue infection of monocytic cells activates ER stress pathways, but apoptosis is induced through both extrinsic and intrinsic pathways. Virology, 2011, 409, 189-197. | 1.1 | 51 |
| 135 | Induced autophagy reduces virus output in dengue infected monocytic cells. Virology, 2011, 418, 74-84. | 1.1 | 50 |
| 136 | Enhanced activation of autophagy in β^2 -thalassemia/Hb E erythroblasts during erythropoiesis. Annals of Hematology, 2011, 90, 747-758. | 0.8 | 31 |
| 137 | Erythroblast cell expansion as a marker for disease severity in β^0 -thalassemia/Hb E disease. African Journal of Biotechnology, 2011, 11, . | 0.3 | 0 |
| 138 | Abstract 4235: Antiproliferative effects of cucurbitacin B in breast cancer cells: Down-regulate c-Myc/hTERT/telomerase pathway and obstruct the cell cycle. , 2011, , . | | 0 |
| 139 | Strategies for the plant-based expression of dengue subunit vaccines. Biotechnology and Applied Biochemistry, 2010, 57, 47-53. | 1.4 | 20 |
| 140 | An <i>in vitro</i> detached leaf assay for pre-screening resistance to anthracnose disease in cassava (<i>Manihot esculenta</i> Crantz). Australasian Plant Pathology, 2010, 39, 547. | 0.5 | 17 |
| 141 | Identification and characterization of prohibitin as a receptor protein mediating DENV-2 entry into insect cells. Virology, 2010, 406, 149-161. | 1.1 | 132 |
| 142 | Highly permissive infection of microglial cells by Japanese encephalitis virus: a possible role as a viral reservoir. Microbes and Infection, 2010, 12, 37-45. | 1.0 | 65 |
| 143 | Burkholderia pseudomallei RpoS regulates OxyR and the katG-dpsA operon under conditions of oxidative stress. Microbiology and Immunology, 2010, 54, no-no. | 0.7 | 19 |
| 144 | Genetic linkage map of cassava (<i>Manihot esculenta</i> Crantz) based on AFLP and SSR markers. Plant Breeding, 2010, 129, 112-115. | 1.0 | 38 |

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|-----|--|-----|-----------|
| 145 | A mechanism of ineffective erythropoiesis in $\hat{\Delta}$ -thalassemia/Hb E disease. <i>Haematologica</i> , 2010, 95, 716-723. | 1.7 | 28 |
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| 147 | Induction of apoptosis in dengue virus infected <i>Aedes aegypti</i> mosquitoes. <i>Journal of Invertebrate Pathology</i> , 2010, 104, 239-241. | 1.5 | 8 |
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