

Colleen B Jonsson

List of Publications by Year in descending order

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133
papers

4,805
citations

94269

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114278

63
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all docs

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docs citations

142
times ranked

6165
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | A Global Perspective on Hantavirus Ecology, Epidemiology, and Disease. <i>Clinical Microbiology Reviews</i> , 2010, 23, 412-441. | 5.7 | 812 |
| 2 | A Role for Neutrophils in Viral Respiratory Disease. <i>Frontiers in Immunology</i> , 2017, 8, 550. | 2.2 | 192 |
| 3 | Ribavirin Causes Error Catastrophe during Hantaan Virus Replication. <i>Journal of Virology</i> , 2003, 77, 481-488. | 1.5 | 178 |
| 4 | Novel Inhibitors of Severe Acute Respiratory Syndrome Coronavirus Entry That Act by Three Distinct Mechanisms. <i>Journal of Virology</i> , 2013, 87, 8017-8028. | 1.5 | 159 |
| 5 | Advancing Biological Understanding and Therapeutics Discovery with Small-Molecule Probes. <i>Cell</i> , 2015, 161, 1252-1265. | 13.5 | 135 |
| 6 | Treatment of hantavirus pulmonary syndrome. <i>Antiviral Research</i> , 2008, 78, 162-169. | 1.9 | 123 |
| 7 | The SARS-CoV ferret model in an infection “challenge study. <i>Virology</i> , 2008, 374, 151-163. | 1.1 | 99 |
| 8 | Substrate Specificity Profiling and Identification of a New Class of Inhibitor for the Major Protease of the SARS Coronavirus. <i>Biochemistry</i> , 2007, 46, 8744-8752. | 1.2 | 93 |
| 9 | Development and Validation of a High-Throughput Screen for Inhibitors of SARS CoV and Its Application in Screening of a 100,000-Compound Library. <i>Journal of Biomolecular Screening</i> , 2007, 12, 33-40. | 2.6 | 88 |
| 10 | A cell-based luminescence assay is effective for high-throughput screening of potential influenza antivirals. <i>Antiviral Research</i> , 2007, 73, 50-59. | 1.9 | 88 |
| 11 | ZBP1-dependent inflammatory cell death, PANoptosis, and cytokine storm disrupt IFN therapeutic efficacy during coronavirus infection. <i>Science Immunology</i> , 2022, 7, eabo6294. | 5.6 | 82 |
| 12 | Structural Studies of Hantaan Virus. <i>Journal of Virology</i> , 2011, 85, 835-841. | 1.5 | 78 |
| 13 | Dynein-Dependent Transport of the Hantaan Virus Nucleocapsid Protein to the Endoplasmic Reticulum-Golgi Intermediate Compartment. <i>Journal of Virology</i> , 2007, 81, 8634-8647. | 1.5 | 73 |
| 14 | Covalent nardaprevir- and boceprevir-derived hybrid inhibitors of SARS-CoV-2 main protease. <i>Nature Communications</i> , 2022, 13, 2268. | 5.8 | 69 |
| 15 | Incidence of respiratory viruses in patients with community-acquired pneumonia admitted to the intensive care unit: results from the Severe Influenza Pneumonia Surveillance (SIPS) project. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2013, 32, 705-710. | 1.3 | 64 |
| 16 | Ebola Virus VP30 Is an RNA Binding Protein. <i>Journal of Virology</i> , 2007, 81, 8967-8976. | 1.5 | 60 |
| 17 | The RNA Binding Domain of the Hantaan Virus N Protein Maps to a Central, Conserved Region. <i>Journal of Virology</i> , 2002, 76, 3301-3308. | 1.5 | 59 |
| 18 | New and Old World hantaviruses differentially utilize host cytoskeletal components during their life cycles. <i>Virology</i> , 2008, 374, 138-150. | 1.1 | 58 |

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|----|--|-----|-----------|
| 19 | Lack of Innate Interferon Responses during SARS Coronavirus Infection in a Vaccination and Reinfection Ferret Model. PLoS ONE, 2012, 7, e45842. | 1.1 | 58 |
| 20 | Early Host Responses of Seasonal and Pandemic Influenza A Viruses in Primary Well-Differentiated Human Lung Epithelial Cells. PLoS ONE, 2013, 8, e78912. | 1.1 | 56 |
| 21 | Land cover associated with hantavirus presence in Paraguay. Global Ecology and Biogeography, 2006, 15, 519-527. | 2.7 | 55 |
| 22 | THE COMPLEX ECOLOGY OF HANTAVIRUS IN PARAGUAY. American Journal of Tropical Medicine and Hygiene, 2003, 69, 263-268. | 0.6 | 54 |
| 23 | Ribavirin Reveals a Lethal Threshold of Allowable Mutation Frequency for Hantaan Virus. Journal of Virology, 2007, 81, 11722-11729. | 1.5 | 53 |
| 24 | Synthesis of 1- β -D-ribofuranosyl-3-ethynyl-[1,2,4]triazole and its in vitro and in vivo efficacy against Hantavirus. Antiviral Research, 2008, 79, 19-27. | 1.9 | 52 |
| 25 | cis-Acting Signals in Encapsidation of Hantaan Virus S-Segment Viral Genomic RNA by Its N Protein. Journal of Virology, 2001, 75, 2646-2652. | 1.5 | 51 |
| 26 | Contrasting Inflammatory Responses in Severe and Non-severe Community-acquired Pneumonia. Inflammation, 2014, 37, 1158-1166. | 1.7 | 51 |
| 27 | Characterization of the Hantaan Nucleocapsid Protein-Ribonucleic Acid Interaction. Journal of Biological Chemistry, 1999, 274, 33732-33739. | 1.6 | 50 |
| 28 | Mathematical Models for Hantavirus Infection in Rodents. Bulletin of Mathematical Biology, 2006, 68, 511-524. | 0.9 | 49 |
| 29 | PHYLOGENETIC AND GEOGRAPHICAL RELATIONSHIPS OF HANTAVIRUS STRAINS IN EASTERN AND WESTERN PARAGUAY. American Journal of Tropical Medicine and Hygiene, 2006, 75, 1127-1134. | 0.6 | 48 |
| 30 | Rapid Sequencing of Multiple RNA Viruses in Their Native Form. Frontiers in Microbiology, 2019, 10, 260. | 1.5 | 46 |
| 31 | Activity of Ribavirin against Hantaan Virus Correlates with Production of Ribavirin-5 β -Triphosphate, Not with Inhibition of IMP Dehydrogenase. Antimicrobial Agents and Chemotherapy, 2007, 51, 84-88. | 1.4 | 45 |
| 32 | Essential Amino Acids of the Hantaan Virus N Protein in Its Interaction with RNA. Journal of Virology, 2005, 79, 10032-10039. | 1.5 | 43 |
| 33 | Virtual and In Vitro Antiviral Screening Revive Therapeutic Drugs for COVID-19. ACS Pharmacology and Translational Science, 2020, 3, 1278-1292. | 2.5 | 43 |
| 34 | The effectiveness of the polysaccharide pneumococcal vaccine for the prevention of hospitalizations due to Streptococcus pneumoniae community-acquired pneumonia in the elderly differs between the sexes: Results from the Community-Acquired Pneumonia Organization (CAPO) international cohort study. Vaccine, 2014, 32, 2198-2203. | 1.7 | 42 |
| 35 | Development of (E)-2-((1,4-Dimethylpiperazin-2-ylidene)amino)-5-nitro-N-phenylbenzamide, ML336: Novel 2-Amidinophenylbenzamides as Potent Inhibitors of Venezuelan Equine Encephalitis Virus. Journal of Medicinal Chemistry, 2014, 57, 8608-8621. | 2.9 | 42 |
| 36 | High-Throughput Screening of a 100,000-Compound Library for Inhibitors of Influenza A Virus (H3N2). Journal of Biomolecular Screening, 2008, 13, 879-887. | 2.6 | 40 |

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|----|---|-----|-----------|
| 37 | Early gene expression events in ferrets in response to SARS coronavirus infection versus direct interferon-alpha2b stimulation. <i>Virology</i> , 2011, 409, 102-112. | 1.1 | 40 |
| 38 | Modulation of apoptosis and immune signaling pathways by the Hantaan virus nucleocapsid protein. <i>Virology</i> , 2010, 401, 165-178. | 1.1 | 37 |
| 39 | Transcriptome sequencing and development of an expression microarray platform for the domestic ferret. <i>BMC Genomics</i> , 2010, 11, 251. | 1.2 | 35 |
| 40 | Ribavirin Protects Syrian Hamsters against Lethal Hantavirus Pulmonary Syndrome " After Intranasal Exposure to Andes Virus. <i>Viruses</i> , 2013, 5, 2704-2720. | 1.5 | 35 |
| 41 | Discovery of a Novel Compound with Anti-Venezuelan Equine Encephalitis Virus Activity That Targets the Nonstructural Protein 2. <i>PLoS Pathogens</i> , 2014, 10, e1004213. | 2.1 | 34 |
| 42 | MATHEMATICAL MODELING OF VIRAL ZONOSSES IN WILDLIFE. <i>Natural Resource Modelling</i> , 2012, 25, 5-51. | 0.8 | 32 |
| 43 | Structural, Electronic, and Electrostatic Determinants for Inhibitor Binding to Subsites S1 and S2 in SARS-CoV-2 Main Protease. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 17366-17383. | 2.9 | 32 |
| 44 | A computational pipeline for quantification of pulmonary infections in small animal models using serial PET-CT imaging. <i>EJNMMI Research</i> , 2013, 3, 55. | 1.1 | 31 |
| 45 | Molecular Imaging Reveals a Progressive Pulmonary Inflammation in Lower Airways in Ferrets Infected with 2009 H1N1 Pandemic Influenza Virus. <i>PLoS ONE</i> , 2012, 7, e40094. | 1.1 | 31 |
| 46 | Genetic characterization and phylogeny of a hantavirus from Western Mexico. <i>Virus Research</i> , 2008, 131, 180-188. | 1.1 | 29 |
| 47 | Sympatry of 2 Hantavirus Strains, Paraguay, 2003"2007. <i>Emerging Infectious Diseases</i> , 2009, 15, 1977-1980. | 2.0 | 29 |
| 48 | Microhabitat characteristics of Akodon montensis, a reservoir for hantavirus, and hantaviral seroprevalence in an Atlantic forest site in eastern Paraguay. <i>Journal of Vector Ecology</i> , 2009, 34, 104-113. | 0.5 | 29 |
| 49 | A habitat-based model for the spread of hantavirus between reservoir and spillover species. <i>Journal of Theoretical Biology</i> , 2009, 260, 510-522. | 0.8 | 29 |
| 50 | Spatiotemporal variation in Akodon montensis (Cricetidae: Sigmodontinae) and hantaviral seroprevalence in a subtropical forest ecosystem. <i>Journal of Mammalogy</i> , 2010, 91, 467-481. | 0.6 | 28 |
| 51 | Discovery of Novel Benzoquinazolinones and Thiazoloimidazoles, Inhibitors of Influenza H5N1 and H1N1 Viruses, from a Cell-Based High-Throughput Screen. <i>Journal of Biomolecular Screening</i> , 2011, 16, 73-81. | 2.6 | 27 |
| 52 | Phylogenetic and geographical relationships of hantavirus strains in eastern and western Paraguay. <i>American Journal of Tropical Medicine and Hygiene</i> , 2006, 75, 1127-34. | 0.6 | 27 |
| 53 | Drug Repurposing to Identify Nilotinib as a Potential SARS-CoV-2 Main Protease Inhibitor: Insights from a Computational and <i>In Vitro</i> Study. <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 5469-5483. | 2.5 | 26 |
| 54 | Potential importance of error catastrophe to the development of antiviral strategies for hantaviruses. <i>Virus Research</i> , 2005, 107, 195-205. | 1.1 | 25 |

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|----|--|-----|-----------|
| 55 | Lower Respiratory Tract Infection of the Ferret by 2009 H1N1 Pandemic Influenza A Virus Triggers Biphasic, Systemic, and Local Recruitment of Neutrophils. <i>Journal of Virology</i> , 2015, 89, 8733-8748. | 1.5 | 24 |
| 56 | Purification and Characterization of the Sin Nombre Virus Nucleocapsid Protein Expressed in <i>Escherichia coli</i> . <i>Protein Expression and Purification</i> , 2001, 23, 134-141. | 0.6 | 23 |
| 57 | Revealing Domain Structure through Linker-Scanning Analysis of the Murine Leukemia Virus (MuLV) RNase H and MuLV and Human Immunodeficiency Virus Type 1 Integrase Proteins. <i>Journal of Virology</i> , 2006, 80, 9497-9510. | 1.5 | 23 |
| 58 | Optimization of Potent and Selective Quinazolidiones: Inhibitors of Respiratory Syncytial Virus That Block RNA-Dependent RNA-Polymerase Complex Activity. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 10314-10328. | 2.9 | 23 |
| 59 | Iota-carrageenan and xylitol inhibit SARS-CoV-2 in Vero cell culture. <i>PLoS ONE</i> , 2021, 16, e0259943. | 1.1 | 23 |
| 60 | Evidence of Hantavirus Infection Among Bats in Brazil. <i>American Journal of Tropical Medicine and Hygiene</i> , 2015, 93, 404-406. | 0.6 | 22 |
| 61 | Targeted Hybridization Capture of SARS-CoV-2 and Metagenomics Enables Genetic Variant Discovery and Nasal Microbiome Insights. <i>Microbiology Spectrum</i> , 2021, 9, e0019721. | 1.2 | 22 |
| 62 | Copper catalyzed arylation with boronic acids for the synthesis of N1-aryl purine nucleosides. <i>Tetrahedron Letters</i> , 2005, 46, 5699-5702. | 0.7 | 21 |
| 63 | The Murine Model for Hantaan Virus-Induced Lethal Disease Shows Two Distinct Paths in Viral Evolutionary Trajectory with and without Ribavirin Treatment. <i>Journal of Virology</i> , 2013, 87, 10997-11007. | 1.5 | 21 |
| 64 | Natural infection of Neotropical bats with hantavirus in Brazil. <i>Scientific Reports</i> , 2018, 8, 9018. | 1.6 | 21 |
| 65 | The complex ecology of hantavirus in Paraguay. <i>American Journal of Tropical Medicine and Hygiene</i> , 2003, 69, 263-8. | 0.6 | 21 |
| 66 | Major and Minor Groove Contacts in Retroviral Integrase ^Δ LTR Interactions ^Δ . <i>Biochemistry</i> , 1999, 38, 3624-3632. | 1.2 | 20 |
| 67 | Transcription of MyoD and myogenin in the non-contractile electrogenic cells of the weakly electric fish, <i>Sternopygus macrurus</i> . <i>Development Genes and Evolution</i> , 2004, 214, 380-92. | 0.4 | 19 |
| 68 | Development and Application of a High-Throughput Screening Assay for HIV-1 Integrase Enzyme Activities. <i>Journal of Biomolecular Screening</i> , 2005, 10, 606-614. | 2.6 | 19 |
| 69 | Cloning, expression and characterization of ferret CXCL10. <i>Molecular Immunology</i> , 2008, 45, 1288-1297. | 1.0 | 18 |
| 70 | Common Themes in Zoonotic Spillover and Disease Emergence: Lessons Learned from Bat- and Rodent-Borne RNA Viruses. <i>Viruses</i> , 2021, 13, 1509. | 1.5 | 18 |
| 71 | Phylogenetic exploration of hantaviruses in Paraguay reveals reassortment and host switching in South America. <i>Virology Journal</i> , 2011, 8, 399. | 1.4 | 17 |
| 72 | A cell based high-throughput screening approach for the discovery of new inhibitors of respiratory syncytial virus. <i>Virology Journal</i> , 2013, 10, 19. | 1.4 | 17 |

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|----|---|-----|-----------|
| 73 | Diverse Morphology and Structural Features of Old and New World Hantaviruses. <i>Viruses</i> , 2019, 11, 862. | 1.5 | 17 |
| 74 | Prevalence of antibodies to Sin Nombre virus in humans living in rural areas of southern New Mexico and western Texas. <i>Virus Research</i> , 2001, 74, 177-179. | 1.1 | 16 |
| 75 | Efficacy of a ML336 derivative against Venezuelan and eastern equine encephalitis viruses. <i>Antiviral Research</i> , 2019, 167, 25-34. | 1.9 | 16 |
| 76 | Phenotypic Differences in Virulence and Immune Response in Closely Related Clinical Isolates of Influenza A 2009 H1N1 Pandemic Viruses in Mice. <i>PLoS ONE</i> , 2013, 8, e56602. | 1.1 | 16 |
| 77 | Catalytic Activities of the Human T-Cell Leukemia Virus Type II Integrase. <i>Virology</i> , 1996, 219, 77-86. | 1.1 | 15 |
| 78 | Course of seasonal influenza A/Brisbane/59/07 H1N1 infection in the ferret. <i>Virology Journal</i> , 2010, 7, 149. | 1.4 | 15 |
| 79 | Computer-aided pulmonary image analysis in small animal models. <i>Medical Physics</i> , 2015, 42, 3896-3910. | 1.6 | 15 |
| 80 | Amplicon-Based, Next-Generation Sequencing Approaches to Characterize Single Nucleotide Polymorphisms of Orthohantavirus Species. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 565591. | 1.8 | 15 |
| 81 | Structural effects on the phosphorylation of 3-substituted 1- β -d-ribofuranosyl-1,2,4-triazoles by human adenosine kinase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 3203-3207. | 1.0 | 14 |
| 82 | HTS-Driven Discovery of New Chemotypes with West Nile Virus Inhibitory Activity. <i>Molecules</i> , 2010, 15, 1690-1704. | 1.7 | 14 |
| 83 | (S)-N-(2,5-Dimethylphenyl)-1-(quinoline-8-ylsulfonyl)pyrrolidine-2-carboxamide as a Small Molecule Inhibitor Probe for the Study of Respiratory Syncytial Virus Infection. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 8582-8587. | 2.9 | 14 |
| 84 | Genetic Dissection of the Regulatory Mechanisms of Ace2 in the Infected Mouse Lung. <i>Frontiers in Immunology</i> , 2020, 11, 607314. | 2.2 | 14 |
| 85 | Models of cytokine dynamics in the inflammatory response of viral zoonotic infectious diseases. <i>Mathematical Medicine and Biology</i> , 2019, 36, 269-295. | 0.8 | 13 |
| 86 | De-Novo Transcriptome Sequencing of a Normalized cDNA Pool from Influenza Infected Ferrets. <i>PLoS ONE</i> , 2012, 7, e37104. | 1.1 | 13 |
| 87 | Basis of HTLV Type 1 Target Site Selection. <i>AIDS Research and Human Retroviruses</i> , 2000, 16, 1653-1659. | 0.5 | 12 |
| 88 | Differential multimerization of Moloney murine leukemia virus integrase purified under non-denaturing conditions. <i>Virology</i> , 2003, 316, 146-160. | 1.1 | 12 |
| 89 | Host Gene Expression Signatures Discriminate between Ferrets Infected with Genetically Similar H1N1 Strains. <i>PLoS ONE</i> , 2012, 7, e40743. | 1.1 | 12 |
| 90 | Habitat, species richness and hantaviruses of sigmodontine rodents within the Interior Atlantic Forest, Paraguay. <i>PLoS ONE</i> , 2018, 13, e0201307. | 1.1 | 12 |

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|-----|---|-----|-----------|
| 91 | Discovery and predictive modeling of urine microbiome, metabolite and cytokine biomarkers in hospitalized patients with community acquired pneumonia. <i>Scientific Reports</i> , 2020, 10, 13418. | 1.6 | 12 |
| 92 | Bayou virus detected in non-oryzomyine rodent hosts: an assessment of habitat composition, reservoir community structure, and marsh rice rat social dynamics. <i>Journal of Vector Ecology</i> , 2009, 34, 9-21. | 0.5 | 10 |
| 93 | Synthesis and anti-Hantaan virus activity of N1-3-fluorophenyl-inosine. <i>Antiviral Research</i> , 2009, 83, 80-85. | 1.9 | 10 |
| 94 | Benzamidine ML336 inhibits plus and minus strand RNA synthesis of Venezuelan equine encephalitis virus without affecting host RNA production. <i>Antiviral Research</i> , 2020, 174, 104674. | 1.9 | 10 |
| 95 | <i>S. macrurus</i> myogenic regulatory factors (MRFs) induce mammalian skeletal muscle differentiation; evidence for functional conservation of MRFs. <i>International Journal of Developmental Biology</i> , 2009, 53, 993-1002. | 0.3 | 9 |
| 96 | Emergence and Magnitude of ML336 Resistance in Venezuelan Equine Encephalitis Virus Depend on the Microenvironment. <i>Journal of Virology</i> , 2020, 94, . | 1.5 | 9 |
| 97 | Interactions of the Human T-cell Leukemia Virus Type-II Integrase with the Conserved CA in the Retroviral Long Terminal Repeat End. <i>Journal of Biological Chemistry</i> , 2001, 276, 14710-14717. | 1.6 | 8 |
| 98 | Efficient ribcage segmentation from CT scans using shape features. , 2014, 2014, 2899-902. | | 8 |
| 99 | Meeting report: Eleventh International Conference on Hantaviruses. <i>Antiviral Research</i> , 2020, 176, 104733. | 1.9 | 8 |
| 100 | Time to "Mind the Gap"™ in novel small molecule drug discovery for direct-acting antivirals for SARS-CoV-2. <i>Current Opinion in Virology</i> , 2021, 50, 1-7. | 2.6 | 8 |
| 101 | Sigmodontine community and species responses to El Niño and precipitation in different levels of forest degradation. <i>Therya</i> , 2019, 10, 255-265. | 0.2 | 8 |
| 102 | A comparative study of the human T-cell leukemia virus type 2 integrase expressed in and purified from <i>Escherichia coli</i> and <i>Pichia pastoris</i> . <i>Protein Expression and Purification</i> , 2002, 25, 291-299. | 0.6 | 7 |
| 103 | A new inactivation method to facilitate cryo-EM of enveloped, RNA viruses requiring high containment: A case study using Venezuelan Equine Encephalitis Virus (VEEV). <i>Journal of Virological Methods</i> , 2020, 277, 113792. | 1.0 | 7 |
| 104 | A discrete-time rodent-hantavirus model structured by infection and developmental stages. , 0, , . | | 7 |
| 105 | Challenges and Practices in Building and Implementing Biosafety and Biosecurity Programs to Enable Basic and Translational Research with Select Agents. <i>Journal of Bioterrorism & Biodefense</i> , 2013, 01, 12634. | 0.1 | 7 |
| 106 | New and noteworthy records of rodents (Mammalia, Rodentia, Cricetidae and Echimyidae) from Paraguay. <i>Check List</i> , 2018, 14, 721-730. | 0.1 | 6 |
| 107 | Bayou Virus Detected in Non-Oryzomyine Rodent Hosts: An Assessment of Habitat Composition, Reservoir Community Structure, and Marsh Rice Rat Social Dynamics. <i>Journal of Vector Ecology</i> , 2009, 34, 9-21. | 0.5 | 6 |
| 108 | Rate of hepatitis C viral clearance by human livers in human patients: Liver transplantation modeling primary infection and implications for studying entry inhibition. <i>PLoS ONE</i> , 2017, 12, e0180719. | 1.1 | 5 |

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|-----|---|-----|-----------|
| 109 | Piperazinobenzodiazepinones: New Encephalitic Alphavirus Inhibitors via Ring Expansion of 2-Dichloromethylquinazolinones. <i>ACS Medicinal Chemistry Letters</i> , 2022, 13, 546-553. | 1.3 | 5 |
| 110 | Cardiopulmonary Injury in the Syrian Hamster Model of COVID-19. <i>Viruses</i> , 2022, 14, 1403. | 1.5 | 5 |
| 111 | Naturally occurring substitutions of the human T-cell leukemia virus type 1 3' LTR influence strand-transfer reaction. <i>Journal of Virological Methods</i> , 2003, 109, 105-117. | 1.0 | 4 |
| 112 | Rapid, high-throughput purification of HIV-1 integrase using microtiter plate technology. <i>Protein Expression and Purification</i> , 2004, 33, 232-237. | 0.6 | 4 |
| 113 | Ferret Thoracic Anatomy by 2-Deoxy-2-(18F)Fluoro-D-Glucose (18F-FDG) Positron Emission Tomography/Computed Tomography (18F-FDG PET/CT) Imaging. <i>ILAR Journal</i> , 2012, 53, E9-E21. | 1.8 | 4 |
| 114 | Hantaviruses: past, present and future. <i>Future Virology</i> , 2014, 9, 87-99. | 0.9 | 4 |
| 115 | Sympatry and habitat associations of sigmodontine rodents in a neotropical forest-savanna interface. <i>Mammalia</i> , 2020, 84, 227-238. | 0.3 | 4 |
| 116 | Mixed Effects of Habitat Degradation and Resources on Hantaviruses in Sympatric Wild Rodent Reservoirs within a Neotropical Forest. <i>Viruses</i> , 2021, 13, 85. | 1.5 | 4 |
| 117 | Accurate and efficient separation of left and right lungs from 3D CT scans: A generic hysteresis approach. , 2014, 2014, 6036-9. | | 3 |
| 118 | Characterization of 18F-dipicolylamine (DPA) derivatives in cells infected with influenza virus. <i>Nuclear Medicine and Biology</i> , 2015, 42, 283-291. | 0.3 | 3 |
| 119 | Serologic Evidence of Mammarenaviruses among Wild Rodents in Brazil. <i>Journal of Wildlife Diseases</i> , 2016, 52, 766-769. | 0.3 | 3 |
| 120 | Identification of Anti-tuberculosis Compounds From Aurone Analogs. <i>Frontiers in Microbiology</i> , 2020, 11, 1004. | 1.5 | 3 |
| 121 | Prevalence of Hantaviruses Harbored by Murid Rodents in Northwestern Ukraine and Discovery of a Novel Puumala Virus Strain. <i>Viruses</i> , 2021, 13, 1640. | 1.5 | 3 |
| 122 | Integrating Landscape Hierarchies in the Discovery and Modeling of Ecological Drivers of Zoonotically Transmitted Disease from Wildlife. <i>Advances in Environmental Microbiology</i> , 2018, , 299-317. | 0.1 | 2 |
| 123 | Seroprevalence of Old World Hantaviruses and Crimean Congo Hemorrhagic Fever Viruses in Human Populations in Northwestern Ukraine. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 589464. | 1.8 | 2 |
| 124 | Cryofixation of Inactivated Hantavirus-Infected Cells as a Method for Obtaining High-Quality Ultrastructural Preservation for Electron Microscopic Studies. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 580339. | 1.8 | 2 |
| 125 | Cocirculation of Two Orthohantavirus Species in Small Mammals of the Northwestern Ukraine. <i>Journal of Wildlife Diseases</i> , 2020, 56, 640. | 0.3 | 2 |
| 126 | Impact of Predator Exclusion and Habitat on Seroprevalence of New World Orthohantavirus Harbored by Two Sympatric Rodents within the Interior Atlantic Forest. <i>Viruses</i> , 2021, 13, 1963. | 1.5 | 2 |

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|-----|---|-----|-----------|
| 127 | Data-driven models for replication kinetics of Orthohantavirus infections. <i>Mathematical Biosciences</i> , 2022, 349, 108834. | 0.9 | 2 |
| 128 | Microhabitat Characteristics of <i>Akodon montensis</i> , a Reservoir for Hantavirus, and Hantaviral Seroprevalence in an Atlantic Forest Site in Eastern Paraguay. <i>Journal of Vector Ecology</i> , 2009, 34, 104-113. | 0.5 | 1 |
| 129 | COMPOSITION AND CHARACTERISTICS OF A DIVERSE DIDELPHID COMMUNITY (MAMMALIA:) Tj ETQq1 1 0.784314 rgBT /Overlock 1 | 0.5 | 1 |
| 130 | Sex and habitat drive hantavirus prevalence in marsh rice rat populations impacted by the Deepwater Horizon oil spill. <i>Ecosphere</i> , 2022, 13, . | 1.0 | 1 |
| 131 | Screening of febrile patients with suspected malaria from the Brazilian Amazon for virus infection. <i>Archives of Virology</i> , 2022, 167, 2151-2162. | 0.9 | 1 |
| 132 | Bunyaviridae: Orthobunyaviruses, Phleboviruses, Nairoviruses, and Hantaviruses. , 2016, , 1059-1087. | | 0 |
| 133 | â€Fixingâ€™ the Gateway between Electron Microscopy and BSL3 Viruses. <i>Biophysical Journal</i> , 2018, 114, 161a. 0.2 | 0.2 | 0 |