

James J Valdes

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

1,377
citations

279487

23
h-index

344852

36
g-index

48
all docs

48
docs citations

48
times ranked

1841
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Enlisting the <i>Ixodes scapularis</i> Embryonic ISE6 Cell Line to Investigate the Neuronal Basis of Tick-Pathogen Interactions. <i>Pathogens</i> , 2021, 10, 70. | 1.2 | 11 |
| 2 | Tick defensin \hat{I}^3 -core reduces <i>Fusarium graminearum</i> growth and abrogates mycotoxins production with high efficiency. <i>Scientific Reports</i> , 2021, 11, 7962. | 1.6 | 8 |
| 3 | Potent Activity of Hybrid Arthropod Antimicrobial Peptides Linked by Glycine Spacers. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8919. | 1.8 | 5 |
| 4 | A Novel Combined Scientific and Artistic Approach for the Advanced Characterization of Interactomes: The Akirin/Subolesin Model. <i>Vaccines</i> , 2020, 8, 77. | 2.1 | 22 |
| 5 | FDA-Approved Drugs Efavirenz, Tipranavir, and Dasabuvir Inhibit Replication of Multiple Flaviviruses in Vero Cells. <i>Microorganisms</i> , 2020, 8, 599. | 1.6 | 17 |
| 6 | Histone Methyltransferase DOT1L Is Involved in Larval Molting and Second Stage Nymphal Feeding in <i>Ornithodoros moubata</i> . <i>Vaccines</i> , 2020, 8, 157. | 2.1 | 3 |
| 7 | Antibacterial and antifungal activity of defensins from the Australian paralysis tick, <i>Ixodes holocyclus</i> . <i>Ticks and Tick-borne Diseases</i> , 2019, 10, 101269. | 1.1 | 11 |
| 8 | New opportunities for designing effective small interfering RNAs. <i>Scientific Reports</i> , 2019, 9, 16146. | 1.6 | 3 |
| 9 | An E460D Substitution in the NS5 Protein of Tick-Borne Encephalitis Virus Confers Resistance to the Inhibitor Galidesivir (BCX4430) and Also Attenuates the Virus for Mice. <i>Journal of Virology</i> , 2019, 93, . | 1.5 | 30 |
| 10 | Functional Evolution of Subolesin/Akirin. <i>Frontiers in Physiology</i> , 2018, 9, 1612. | 1.3 | 49 |
| 11 | Tick galactosyltransferases are involved in \hat{I}^{\pm} -Gal synthesis and play a role during <i>Anaplasma phagocytophilum</i> infection and <i>Ixodes scapularis</i> tick vector development. <i>Scientific Reports</i> , 2018, 8, 14224. | 1.6 | 68 |
| 12 | Flaviviridae viruses use a common molecular mechanism to escape nucleoside analogue inhibitors. <i>Biochemical and Biophysical Research Communications</i> , 2017, 492, 652-658. | 1.0 | 7 |
| 13 | Escape of Tick-Borne Flavivirus from 2- <i>C</i> -Methylated Nucleoside Antivirals Is Mediated by a Single Conservative Mutation in NS5 That Has a Dramatic Effect on Viral Fitness. <i>Journal of Virology</i> , 2017, 91, . | 1.5 | 33 |
| 14 | <i>Anaplasma phagocytophilum</i> Infection Subverts Carbohydrate Metabolic Pathways in the Tick Vector, <i>Ixodes scapularis</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 23. | 1.8 | 66 |
| 15 | <i>Anaplasma phagocytophilum</i> MSP4 and HSP70 Proteins Are Involved in Interactions with Host Cells during Pathogen Infection. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 307. | 1.8 | 44 |
| 16 | Remodeling of tick cytoskeleton in response to infection with <i>Anaplasma phagocytophilum</i> i. <i>Frontiers in Bioscience - Landmark</i> , 2017, 22, 1830-1844. | 3.0 | 7 |
| 17 | Identification of <i>Plasmodium falciparum</i> Translation Initiation eIF2 \hat{I}^2 Subunit: Direct Interaction with Protein Phosphatase Type 1. <i>Frontiers in Microbiology</i> , 2016, 7, 777. | 1.5 | 18 |
| 18 | Antiplasmodial Activity Is an Ancient and Conserved Feature of Tick Defensins. <i>Frontiers in Microbiology</i> , 2016, 7, 1682. | 1.5 | 17 |

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|----|---|-----|-----------|
| 19 | Be Aware of Ticks When Strolling through the Park. <i>Frontiers for Young Minds</i> , 2016, 4, . | 0.8 | 1 |
| 20 | <i>Anaplasma phagocytophilum</i> increases the levels of histone modifying enzymes to inhibit cell apoptosis and facilitate pathogen infection in the tick vector <i>Ixodes scapularis</i> . <i>Epigenetics</i> , 2016, 11, 303-319. | 1.3 | 73 |
| 21 | Control of vector-borne infectious diseases by human immunity against Î±-Gal. <i>Expert Review of Vaccines</i> , 2016, 15, 953-955. | 2.0 | 18 |
| 22 | Substrate prediction of <i>Ixodes ricinus</i> salivary lipocalins differentially expressed during <i>Borrelia afzelii</i> infection. <i>Scientific Reports</i> , 2016, 6, 32372. | 1.6 | 29 |
| 23 | An all-atom, active site exploration of antiviral drugs that target Flaviviridae polymerases. <i>Journal of General Virology</i> , 2016, 97, 2552-2565. | 1.3 | 5 |
| 24 | Regulation of the Immune Response to Î±-Gal and Vector-borne Diseases. <i>Trends in Parasitology</i> , 2015, 31, 470-476. | 1.5 | 34 |
| 25 | Fast evolutionary rates associated with functional loss in class I glucose transporters of <i>Schistosoma mansoni</i> . <i>BMC Genomics</i> , 2015, 16, 980. | 1.2 | 6 |
| 26 | Gene expression changes in the salivary glands of <i>Anopheles coluzzii</i> elicited by <i>Plasmodium berghei</i> infection. <i>Parasites and Vectors</i> , 2015, 8, 485. | 1.0 | 17 |
| 27 | Nucleoside Inhibitors of Tick-Borne Encephalitis Virus. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 5483-5493. | 1.4 | 80 |
| 28 | <i>Tribolium castaneum</i> defensins are primarily active against Gram-positive bacteria. <i>Journal of Invertebrate Pathology</i> , 2015, 132, 208-215. | 1.5 | 33 |
| 29 | <i>Ixodes ricinus</i> defensins attack distantly-related pathogens. <i>Developmental and Comparative Immunology</i> , 2015, 53, 358-365. | 1.0 | 32 |
| 30 | Full genome sequences and molecular characterization of tick-borne encephalitis virus strains isolated from human patients. <i>Ticks and Tick-borne Diseases</i> , 2015, 6, 38-46. | 1.1 | 30 |
| 31 | The glycoprotein TRP36 of <i>Ehrlichia</i> sp. UFMG-EV and related cattle pathogen <i>Ehrlichia</i> sp. UFMT-BV evolved from a highly variable clade of <i>E. canis</i> under adaptive diversifying selection. <i>Parasites and Vectors</i> , 2014, 7, 584. | 1.0 | 27 |
| 32 | Antihistamine response: a dynamically refined function at the host-tick interface. <i>Parasites and Vectors</i> , 2014, 7, 491. | 1.0 | 19 |
| 33 | Defensins from the tick <i>Ixodes scapularis</i> are effective against phytopathogenic fungi and the human bacterial pathogen <i>Listeria grayi</i> . <i>Parasites and Vectors</i> , 2014, 7, 554. | 1.0 | 28 |
| 34 | Understanding the evolutionary structural variability and target specificity of tick salivary Kunitz peptides using next generation transcriptome data. <i>BMC Evolutionary Biology</i> , 2014, 14, 4. | 3.2 | 31 |
| 35 | Prediction of Kunitz ion channel effectors and protease inhibitors from the <i>Ixodes ricinus</i> sialome. <i>Ticks and Tick-borne Diseases</i> , 2014, 5, 947-950. | 1.1 | 10 |
| 36 | Cancer research meets tick vectors for infectious diseases. <i>Lancet Infectious Diseases</i> , The, 2014, 14, 916-917. | 4.6 | 17 |

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|----|--|-----|-----------|
| 37 | Identification and partial characterisation of new members of the Ixodes ricinus defensin family. <i>Gene</i> , 2014, 540, 146-152. | 1.0 | 23 |
| 38 | Are ticks venomous animals?. <i>Frontiers in Zoology</i> , 2014, 11, 47. | 0.9 | 68 |
| 39 | Evolution of Tertiary Structure of Viral RNA Dependent Polymerases. <i>PLoS ONE</i> , 2014, 9, e96070. | 1.1 | 57 |
| 40 | The variability of the large genomic segment of ÅahyÅª orthobunyavirus and an all-atom exploration of its anti-viral drug resistance. <i>Infection, Genetics and Evolution</i> , 2013, 20, 304-311. | 1.0 | 13 |
| 41 | Tryptogalinin Is a Tick Kunitz Serine Protease Inhibitor with a Unique Intrinsic Disorder. <i>PLoS ONE</i> , 2013, 8, e62562. | 1.1 | 32 |
| 42 | Functional and Immunological Relevance of Anaplasma marginale Major Surface Protein 1a Sequence and Structural Analysis. <i>PLoS ONE</i> , 2013, 8, e65243. | 1.1 | 46 |
| 43 | The role of cystatins in tick physiology and blood feeding. <i>Ticks and Tick-borne Diseases</i> , 2012, 3, 117-127. | 1.1 | 72 |
| 44 | New species of Ehrlichia isolated from Rhipicephalus (Boophilus) microplus shows an ortholog of the E. canis major immunogenic glycoprotein gp36 with a new sequence of tandem repeats. <i>Parasites and Vectors</i> , 2012, 5, 291. | 1.0 | 53 |
| 45 | Phylogenetic placement of the Dominican Republic endemic genus <i>Sarcopilea</i> (Urticaceae). <i>Taxon</i> , 2012, 61, 592-600. | 0.4 | 7 |
| 46 | Estradiol and lithium chloride specifically alter NMDA receptor subunit NR1 mRNA and excitotoxicity in primary cultures. <i>Brain Research</i> , 2009, 1268, 1-12. | 1.1 | 16 |
| 47 | Carbon Nanotube Reinforced Polylactide-ε-Caprolactone Copolymer: Mechanical Strengthening and Interaction with Human Osteoblasts in Vitro. <i>ACS Applied Materials & Interfaces</i> , 2009, 1, 2470-2476. | 4.0 | 78 |