

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	Nucleoside Inhibitors of Tick-Borne Encephalitis Virus. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 5483-5493.	1.4	80
2	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
3	<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
4	The role of cystatins in tick physiology and blood feeding. <i>Ticks and Tick-borne Diseases</i> , 2012, 3, 117-127.	1.1	72
5	Are ticks venomous animals?. <i>Frontiers in Zoology</i> , 2014, 11, 47.	0.9	68
6	Tick galactosyltransferases are involved in Î±-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
7	<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
8	Evolution of Tertiary Structure of Viral RNA Dependent Polymerases. <i>PLoS ONE</i> , 2014, 9, e96070.	1.1	57
9	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
10	Functional Evolution of Subolesin/Akirin. <i>Frontiers in Physiology</i> , 2018, 9, 1612.	1.3	49
11	Functional and Immunological Relevance of <i>Anaplasma marginale</i> Major Surface Protein 1a Sequence and Structural Analysis. <i>PLoS ONE</i> , 2013, 8, e65243.	1.1	46
12	<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
13	Regulation of the Immune Response to Î±-Gal and Vector-borne Diseases. <i>Trends in Parasitology</i> , 2015, 31, 470-476.	1.5	34
14	<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
15	Escape of Tick-Borne Flavivirus from 2-â€²-C-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
16	Tryptogalinin Is a Tick Kunitz Serine Protease Inhibitor with a Unique Intrinsic Disorder. <i>PLoS ONE</i> , 2013, 8, e62562.	1.1	32
17	<i>Ixodes ricinus</i> defensins attack distantly-related pathogens. <i>Developmental and Comparative Immunology</i> , 2015, 53, 358-365.	1.0	32
18	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

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19	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
20	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
21	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
22	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
23	The glycoprotein TRP36 of <i>Ehrlichia sp. UFMG-EV</i> and related cattle pathogen <i>Ehrlichia sp. UFMT-BV</i> 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
24	Identification and partial characterisation of new members of the <i>Ixodes ricinus</i> defensin family. <i>Gene</i> , 2014, 540, 146-152.	1.0	23
25	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
26	Antihistamine response: a dynamically refined function at the host-tick interface. <i>Parasites and Vectors</i> , 2014, 7, 491.	1.0	19
27	Identification of <i>Plasmodium falciparum</i> Translation Initiation eIF2 ^{Î²} Subunit: Direct Interaction with Protein Phosphatase Type 1. <i>Frontiers in Microbiology</i> , 2016, 7, 777.	1.5	18
28	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
29	Cancer research meets tick vectors for infectious diseases. <i>Lancet Infectious Diseases</i> , The, 2014, 14, 916-917.	4.6	17
30	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
31	Antiplasmodial Activity Is an Ancient and Conserved Feature of Tick Defensins. <i>Frontiers in Microbiology</i> , 2016, 7, 1682.	1.5	17
32	FDA-Approved Drugs Efavirenz, Tipranavir, and Dasabuvir Inhibit Replication of Multiple Flaviviruses in Vero Cells. <i>Microorganisms</i> , 2020, 8, 599.	1.6	17
33	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
34	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
35	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
36	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

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37	Prediction of Kunitz ion channel effectors and protease inhibitors from the Ixodes ricinus sialome. Ticks and Tick-borne Diseases, 2014, 5, 947-950.	1.1	10
38	Tick defensin \hat{I}^3 -core reduces Fusarium graminearum growth and abrogates mycotoxins production with high efficiency. Scientific Reports, 2021, 11, 7962.	1.6	8
39	Phylogenetic placement of the Dominican Republic endemic genus <i>Sarcopilea</i> (Urticaceae). Taxon, 2012, 61, 592-600.	0.4	7
40	Flaviviridae viruses use a common molecular mechanism to escape nucleoside analogue inhibitors. Biochemical and Biophysical Research Communications, 2017, 492, 652-658.	1.0	7
41	Remodeling of tick cytoskeleton in response to infection with <i>Anaplasma phagocytophilum</i> . Frontiers in Bioscience - Landmark, 2017, 22, 1830-1844.	3.0	7
42	Fast evolutionary rates associated with functional loss in class I glucose transporters of Schistosoma mansoni. BMC Genomics, 2015, 16, 980.	1.2	6
43	Potent Activity of Hybrid Arthropod Antimicrobial Peptides Linked by Glycine Spacers. International Journal of Molecular Sciences, 2021, 22, 8919.	1.8	5
44	An all-atom, active site exploration of antiviral drugs that target Flaviviridae polymerases. Journal of General Virology, 2016, 97, 2552-2565.	1.3	5
45	New opportunities for designing effective small interfering RNAs. Scientific Reports, 2019, 9, 16146.	1.6	3
46	Histone Methyltransferase DOT1L Is Involved in Larval Molting and Second Stage Nymphal Feeding in Ornithodoros moubata. Vaccines, 2020, 8, 157.	2.1	3
47	Be Aware of Ticks When Strolling through the Park. Frontiers for Young Minds, 2016, 4, .	0.8	1