Ryan O M Rego

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/924528/publications.pdf

Version: 2024-02-01

36 papers	1,408 citations	430874 18 h-index	361022 35 g-index
40 all docs	40 docs citations	40 times ranked	1651 citing authors

#	Article	IF	Citations
1	Infestation of laboratory colonies of the soft tick, Ornithodoros moubata Murray 1877 (Acari:) Tj ETQq1 1 0.784314 rgBT /Overlock 1	0.6	1
2	Nanomechanical mechanisms of Lyme disease spirochete motility enhancement in extracellular matrix. Communications Biology, 2021, 4, 268.	4.4	9
3	Competition between strains of Borrelia afzelii in the host tissues and consequences for transmission to ticks. ISME Journal, 2021, 15, 2390-2400.	9.8	7
4	Epigenomic Landscape of Lyme Disease Spirochetes Reveals Novel Motifs. MBio, 2021, 12, e0128821.	4.1	4
5	Host tropism determination by convergent evolution of immunological evasion in the Lyme disease system. PLoS Pathogens, 2021, 17, e1009801.	4.7	16
6	Resonance assignment and secondary structure of DbpA protein from the European species, Borrelia afzelii. Biomolecular NMR Assignments, 2021, 15, 415-420.	0.8	1
7	Karyotype changes in long-term cultured tick cell lines. Scientific Reports, 2020, 10, 13443.	3.3	10
8	Novel targets and strategies to combat borreliosis. Applied Microbiology and Biotechnology, 2020, 104, 1915-1925.	3.6	12
9	Histone Methyltransferase DOT1L Is Involved in Larval Molting and Second Stage Nymphal Feeding in Ornithodoros moubata. Vaccines, 2020, 8, 157.	4.4	3
10	The need to unravel the twisted nature of the Borrelia burgdorferi sensu lato complex across Europe. Microbiology (United Kingdom), 2020, 166, 428-435.	1.8	8
11	Editorial: Biological Drivers of Vectorâ€“Pathogen Interactions. Frontiers in Cellular and Infection Microbiology, 2020, 10, 609495.	3.9	2
12	Tick Bites Induce Anti-Î±-Gal Antibodies in Dogs. Vaccines, 2019, 7, 114.	4.4	16
13	Counterattacking the tick bite: towards a rational design of anti-tick vaccines targeting pathogen transmission. Parasites and Vectors, 2019, 12, 229.	2.5	79
14	A bite so sweet: the glycobiology interface of tick-host-pathogen interactions. Parasites and Vectors, 2018, 11, 594.	2.5	20
15	Microbiomes of North American Triatominae: The Grounds for Chagas Disease Epidemiology. Frontiers in Microbiology, 2018, 9, 1167.	3.5	57
16	Europe-Wide Meta-Analysis of Borrelia burgdorferi Sensu Lato Prevalence in Questing Ixodes ricinus Ticks. Applied and Environmental Microbiology, 2017, 83, .	3.1	138
17	Ticks infected via co-feeding transmission can transmit Lyme borreliosis to vertebrate hosts. Scientific Reports, 2017, 7, 5006.	3.3	31
18	Characterization of Ixodes ricinus Fibrinogen-Related Proteins (Ixoderins) Discloses Their Function in the Tick Innate Immunity. Frontiers in Cellular and Infection Microbiology, 2017, 7, 509.	3.9	20

#	Article	IF	Citations
19	Tick-Pathogen Ensembles: Do Molecular Interactions Lead Ecological Innovation?. Frontiers in Cellular and Infection Microbiology, 2017, 7, 74.	3.9	22
20	Tick-Pathogen Interactions and Vector Competence: Identification of Molecular Drivers for Tick-Borne Diseases. Frontiers in Cellular and Infection Microbiology, 2017, 7, 114.	3.9	321
21	Pleomorphism and Viability of the Lyme Disease Pathogen Borrelia burgdorferi Exposed to Physiological Stress Conditions: A Correlative Cryo-Fluorescence and Cryo-Scanning Electron Microscopy Study. Frontiers in Microbiology, 2017, 8, 596.	3.5	15
22	Understanding the innate immune system of ticks. , 2016, , .		0
23	Correlative cryo-fluorescence and cryo-scanning electron microscopy as a straightforward tool to study host-pathogen interactions. Scientific Reports, 2015, 5, 18029.	3.3	17
24	Ixodes ricinus defensins attack distantly-related pathogens. Developmental and Comparative Immunology, 2015, 53, 358-365.	2.3	32
25	Population Bottlenecks during the Infectious Cycle of the Lyme Disease Spirochete Borrelia burgdorferi. PLoS ONE, 2014, 9, e101009.	2.5	60
26	Defensins from the tick Ixodes scapularis are effective against phytopathogenic fungi and the human bacterial pathogen Listeria grayi. Parasites and Vectors, 2014, 7, 554.	2.5	28
27	ANTIDotE: anti-tick vaccines to prevent tick-borne diseases in Europe. Parasites and Vectors, 2014, 7, 77.	2.5	47
28	Identification and partial characterisation of new members of the Ixodes ricinus defensin family. Gene, 2014, 540, 146-152.	2.2	23
29	Defensin from the ornate sheep tick Dermacentor marginatus and its effect on Lyme borreliosis spirochetes. Developmental and Comparative Immunology, 2014, 46, 165-170.	2.3	16
30	Competitive Advantage of Borrelia burgdorferi with Outer Surface Protein BBA03 during Tick-Mediated Infection of the Mammalian Host. Infection and Immunity, 2012, 80, 3501-3511.	2.2	28
31	Borrelia burgdorferi Linear Plasmid 38 Is Dispensable for Completion of the Mouse-Tick Infectious Cycle. Infection and Immunity, 2011, 79, 3510-3517.	2.2	21
32	Defining the Plasmid-Borne Restriction-Modification Systems of the Lyme Disease SpirocheteBorrelia burgdorferi. Journal of Bacteriology, 2011, 193, 1161-1171.	2.2	77
33	The tick plasma lectin, Dorin M, is a fibrinogen-related molecule. Insect Biochemistry and Molecular Biology, 2006, 36, 291-299.	2.7	44
34	Molecular cloning and comparative analysis of fibrinogen-related proteins from the soft tick Ornithodoros moubata and the hard tick Ixodes ricinus. Insect Biochemistry and Molecular Biology, 2005, 35, 991-1004.	2.7	45
35	Phylogeny and biogeography of Triatominae (Hemiptera: Reduviidae): molecular evidence of a New World origin of the Asiatic clade. Molecular Phylogenetics and Evolution, 2002, 23, 447-457.	2.7	174
36	Tick lectins and fibrinogen-related proteins. , 0, , 127-142.		2