Ikram Guizani

List of Publications by Year
in descending order

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70	1,066	361388	501174
papers	citations	20	28
		h-index	g-index

73	73	73	1270
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Tumour prevention and rejection with recombinant vaccinia. Nature, 1987, 326, 878-880.	27.8	113
2	Gp63 gene polymorphism and population structure of Leishmania donovani complex: influence of the host selection pressure?. Parasitology, 2001, 122, 25-35.	1.5	47
3	Leishmania infantum LeIF protein is an ATP-dependent RNA helicase and an eIF4A-like factor that inhibits translation in yeast. FEBS Journal, 2006, 273, 5086-5100.	4.7	38
4	Occurrence of Leishmania infantum cutaneous leishmaniasis in central Tunisia. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2006, 100, 521-526.	1.8	38
5	Identification of Leishmania donovani as a cause of cutaneous leishmaniasis in Sudan. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2008, 102, 54-57.	1.8	37
6	A nuclear DNA probe for the identification of strains within the Leishmania donovani complex. Experimental Parasitology, 1991, 72, 459-463.	1.2	34
7	AsteraceaeArtemisia campestrisandArtemisia herba-albaEssential Oils Trigger Apoptosis and Cell Cycle Arrest inLeishmania infantumPromastigotes. Evidence-based Complementary and Alternative Medicine, 2016, 2016, 1-15.	1.2	34
8	Development and evaluation of a loop-mediated isothermal amplification assay for rapid detection of Leishmania infantum in canine leishmaniasis based on cysteine protease B genes. Veterinary Parasitology, 2013, 198, 78-84.	1.8	33
9	Leishmania Eukaryotic Initiation Factor (LeIF) Inhibits Parasite Growth in Murine Macrophages. PLoS ONE, 2014, 9, e97319.	2.5	33
10	Human cutaneous leishmaniasis caused by Leishmania donovani s.l. in Kenya. Transactions of the Royal Society of Tropical Medicine and Hygiene, 1993, 87, 598-601.	1.8	30
11	Natural infection of Phlebotomus (Larroussius) langeroni (Diptera: Psychodidae) with Leishmania infantum in Tunisia. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2007, 101, 372-377.	1.8	29
12	A naturally occurring variant of HPV-16 E7 exerts increased transforming activity through acquisition of an additional phospho-acceptor site. Virology, 2017, 500, 218-225.	2.4	26
13	Use of Recombinant DNA Probes for Species Identification of Old World Leishmania Isolates. American Journal of Tropical Medicine and Hygiene, 1994, 50, 632-640.	1.4	26
14	Genomic polymorphism of Leishmania infantum: a relationship with clinical pleomorphism?. Infection, Genetics and Evolution, 2001, 1, 49-59.	2.3	25
15	Prevalence, Genotype Distribution and Risk Factors for Cervical Human Papillomavirus Infection in the Grand Tunis Region, Tunisia. PLoS ONE, 2016, 11, e0157432.	2.5	25
16	Phytochemical composition and antioxidant activity of medicinal plants collected from the Tunisian flora. Natural Product Research, 2017, 31, 1583-1588.	1.8	25
17	Natural infection of Algerian hedgehog, Atelerix algirus (Lereboullet 1842) with Leishmania parasites in Tunisia. Acta Tropica, 2015, 150, 42-51.	2.0	24
18	Identification of Tunisian Leishmania spp. by PCR amplification of cysteine proteinase B (cpb) genes and phylogenetic analysis. Acta Tropica, 2013, 125, 357-365.	2.0	23

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19	Infection of Human Neutrophils With Leishmania infantum or Leishmania major Strains Triggers Activation and Differential Cytokines Release. Frontiers in Cellular and Infection Microbiology, 2019, 9, 153.	3.9	22
20	Proteomic Approach for Characterization of Immunodominant Membrane-Associated 30- to 36-Kilodalton Fraction Antigens of Leishmania infantum Promastigotes, Reacting with Sera from Mediterranean Visceral Leishmaniasis Patients. Vaccine Journal, 2005, 12, 310-320.	3.1	21
21	Identification of novel leishmanicidal molecules by virtual and biochemical screenings targeting Leishmania eukaryotic translation initiation factor 4A. PLoS Neglected Tropical Diseases, 2018, 12, e0006160.	3.0	21
22	Leishmania infantum LeIF and its recombinant polypeptides modulate interleukin ILâ€12p70, ILâ€10 and tumour necrosis factorâ€Î± production by human monocytes. Parasite Immunology, 2011, 33, 583-588.	1.5	17
23	Identification of binding sites and favorable ligand binding moieties by virtual screening and self-organizing map analysis. BMC Bioinformatics, 2015, 16, 93.	2.6	16
24	Epidemiological features of a recent zoonotic cutaneous leishmaniasis outbreak in Zagora province, southern Morocco. PLoS Neglected Tropical Diseases, 2019, 13, e0007321.	3.0	15
25	Histological and immunological differences between zoonotic cutaneous leishmaniasis due toLeishmania majorand sporadic cutaneous leishmaniasis due toLeishmania infantum. Parasite, 2019, 26, 9.	2.0	15
26	Molecular Analyses of Old World Leishmania RAPD Markers and Development of a PCR Assay Selective for Parasites of the L. donovani Species Complex. Experimental Parasitology, 2001, 98, 90-99.	1.2	14
27	The PEG-responding desiccome of the alder microsymbiont Frankia alni. Scientific Reports, 2018, 8, 759.	3.3	14
28	Expression of Toll-like Receptor 9 Increases with Progression of Cervical Neoplasia in Tunisian Women - A Comparative Analysis of Condyloma, Cervical Intraepithelial Neoplasia and Invasive Carcinoma. Asian Pacific Journal of Cancer Prevention, 2014, 15, 6145-6150.	1.2	14
29	Characterization of polyoma virus early proteins expressed from vaccinia virus recombinants. Gene, 1988, 73, 163-173.	2.2	13
30	Uncommon clinical presentations of cutaneous leishmaniasis in Sudan. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2005, 99, 803-808.	1.8	13
31	The steroid derivative 6-aminocholestanol inhibits the DEAD-box helicase eIF4A (LieIF4A) from the Trypanosomatid parasite Leishmania by perturbing the RNA and ATP binding sites. Molecular and Biochemical Parasitology, 2018, 226, 9-19.	1.1	13
32	Random amplified polymorphic DNA technique for identification and differentiation of old world Leishmania species.. American Journal of Tropical Medicine and Hygiene, 2002, 66, 152-156.	1.4	13
33	Molecular Epidemiology of SARS-CoV-2 in Tunisia (North Africa) through Several Successive Waves of COVID-19. Viruses, 2022, 14, 624.	3.3	13
34	Immunochromatographic rK39 strip test in the serodiagnosis of visceral leishmaniasis in Tunisia. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2009, 103, 1273-1278.	1.8	12
35	Leishmaniases. , 2011, , 453-480.		11
36	Paraechinus aethiopicus (Ehrenberg 1832) and Atelerix algirus (Lereboullet 1842) hedgehogs: Possible reservoirs of endemic leishmaniases in Tunisia. Infection, Genetics and Evolution, 2018, 63, 219-230.	2.3	11

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37	DEADâ€box proteins, like Leishmania eIF4A, modulate interleukin (IL)â€12, ILâ€10 and tumour necrosis factorâ€alpha production by human monocytes. Parasite Immunology, 2013, 35, 194-199.	1.5	10
38	The role of Toll-like receptor 9 in gynecologic cancer. Current Research in Translational Medicine, 2016, 64, 155-159.	1.8	9
39	Atelerix algirus, the North African Hedgehog: Suitable Wild Host for Infected Ticks and Fleas and Reservoir of Vector-Borne Pathogens in Tunisia. Pathogens, 2021, 10, 953.	2.8	9
40	Biochemical properties associated with the immortalizing domaine of the large T protein of polyoma virus. Biochemical and Biophysical Research Communications, 1987, 144, 973-979.	2.1	8
41	Parasite Candidate Vaccines: A Warning from Polymorphic Leishmania Populations. Parasitology Today, 2000, 16, 265.	3.0	8
42	Identification of Lebanese dermotropic putative Leishmania archibaldi isolates by gp63 PCR-RFLP. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2001, 95, 687-688.	1.8	8
43	Type-Specific Human Papillomavirus Distribution in Invasive Squamous Cervical Carcinomas in Tunisia and Vaccine Impact. Asian Pacific Journal of Cancer Prevention, 2015, 16, 6769-6772.	1.2	8
44	Molecular Characterization ofLeishmaniaParasites in Giemsa-Stained Slides from Cases of Human Cutaneous and Visceral Leishmaniasis, Eastern Algeria. Vector-Borne and Zoonotic Diseases, 2017, 17, 416-424.	1.5	7
45	In silico analysis and in vitro evaluation of immunogenic and immunomodulatory properties of promiscuous peptides derived from Leishmania infantum eukaryotic initiation factor. Bioorganic and Medicinal Chemistry, 2017, 25, 5904-5916.	3.0	7
46	New Insights on the Adjuvant Properties of the Leishmania infantum Eukaryotic Initiation Factor. Journal of Immunology Research, 2019, 2019, 1-13.	2.2	7
47	Recombinant polyomaâ€"vaccinia viruses: T antigen expression vectors and anti-tumor immunization agents. Biochimie, 1988, 70, 1075-1087.	2.6	6
48	Evaluation of a gp63â€"PCR Based Assay as a Molecular Diagnosis Tool in Canine Leishmaniasis in Tunisia. PLoS ONE, 2014, 9, e105419.	2.5	6
49	Leishmania infantum LeIF and its recombinant polypeptides induce the maturation of dendritic cells in vitro: An insight for dendritic cells based vaccine. Immunology Letters, 2019, 210, 20-28.	2.5	6
50	Nested PCR followed by NGS: Validation and application for HPV genotyping of Tunisian cervical samples. PLoS ONE, 2021, 16, e0255914.	2.5	6
51	Multilocus sequence analysis provides new insight into population structure and genetic diversity of Leishmania tropica in Morocco. Infection, Genetics and Evolution, 2021, 93, 104932.	2.3	6
52	Deep Learning Algorithms Achieved Satisfactory Predictions When Trained on a Novel Collection of Anticoronavirus Molecules. Frontiers in Genetics, 2021, 12, 744170.	2.3	6
53	In vitro growth kinetics, differentiation and morphological characterisation of Tunisian Leishmania infantum parasites. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2012, 106, 20-25.	1.8	4
54	Retrospective Analysis of Leishmaniasis in Central Tunisia: An Update on Emerging Epidemiological Trends. , 2012, , .		4

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55	Screening and Characterization of RAPD Markers in Viscerotropic Leishmania Parasites. PLoS ONE, 2014, 9, e109773.	2.5	4
56	Molecular Tools for Understanding Eco-Epidemiology, Diversity and Pathogenesis of Leishmania Parasites. , 2014, , .		4
57	Distribution of human papillomavirus in precancerous and cancerous cervical neoplasia in Tunisian women. Infectious Agents and Cancer, 2021, 16, 52.	2.6	4
58	The In Silico Identification of Potential Members of the Ded1/DDX3 Subfamily of DEAD-Box RNA Helicases from the Protozoan Parasite Leishmania infantum and Their Analyses in Yeast. Genes, 2021, 12, 212.	2.4	3
59	High-resolution melting analysis identifies reservoir hosts of zoonotic Leishmania parasites in Tunisia. Parasites and Vectors, 2022, 15, 12.	2.5	3
60	Leishmania infantum 5â€™-Methylthioadenosine Phosphorylase presents relevant structural divergence to constitute a potential drug target. BMC Structural Biology, 2017, 17, 9.	2.3	2
61	Presence ofSergentomyia(Parrotomyia)lewisi(Diptera: Psychodidae) in Tunisia. Journal of Medical Entomology, 2019, 56, 560-564.	1.8	2
62	Sporotrichoid Cutaneous Leishmaniasis in Central Tunisia: Epidemiological and Clinical Aspects. , 0, , .		1
63	Dipeptidyl peptidase III as a DNA marker to investigate epidemiology and taxonomy of Old World Leishmania species. PLoS Neglected Tropical Diseases, 2021, 15, e0009530.	3.0	1
64	Applied Machine Learning Toward Drug Discovery Enhancement: Leishmaniases as a Case Study. Bioinformatics and Biology Insights, 2022, 16, 117793222210903.	2.0	1
65	Characterization of immunomodulatory activity of eIF4A protein. BMC Proceedings, 2011, 5, .	1.6	0
66	Leishmania infantum LeIF protein is an eIF4A-like RNA helicase that modulates interleukin IL-12p70, IL-10 and TNF-Î± production in human monocytes. BMC Proceedings, 2011, 5, .	1.6	0
67	New Insights on the Adjuvant Properties of the Leishmania Infantum Eukaryotic Initiation Factor. , 2021, , .		0
68	Leishmaniases. , 2011, , 73-98.		0
69	First Report of Abnormal Spermathecae in Phlebotomus (Larroussius) longicuspis Nitzulescu, 1930 (Diptera: Psychodidae), in Tunisia. Journal of Life Sciences (Libertyville, Ill), 2015, 9, .	0.2	0
70	Lesionia: A Digital Data Management System to Enhance Epidemiological and Clinical Data Management of Patients with Cutaneous Diseases. SSRN Electronic Journal, 0, , .	0.4	0