## **Adel Spotin**

## List of Publications by Year in descending order

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109 papers	1,634 citations	304701 22 h-index	32 g-index
111	111	111	1831 citing authors
all docs	docs citations	times ranked	

#	Article	IF	CITATIONS
1	Scolicidal activity of biosynthesized silver nanoparticles against Echinococcus granulosus protoscolices. International Journal of Surgery, 2015, 19, 128-133.	2.7	83
2	The global seroprevalence of Toxoplasma gondii in pigs: A systematic review and meta-analysis. Veterinary Parasitology, 2019, 269, 42-52.	1.8	72
3	Global prevalence of Toxocara infection in dogs. Advances in Parasitology, 2020, 109, 561-583.	3.2	62
4	Cryptosporidium infections in terrestrial ungulates with focus on livestock: a systematic review and meta-analysis. Parasites and Vectors, 2019, 12, 453.	2.5	59
5	The seroprevalence rate and population genetic structure of human cystic echinococcosis in the Middle East: A systematic review and meta-analysis. International Journal of Surgery, 2018, 51, 39-48.	2.7	55
6	Genetic variability of Echinococcus granulosus complex in various geographical populations of Iran inferred by mitochondrial DNA sequences. Acta Tropica, 2017, 165, 10-16.	2.0	52
7	The study of apoptotic bifunctional effects in relationship between host and parasite in cystic echinococcosis: a new approach to suppression and survival of hydatid cyst. Parasitology Research, 2012, 110, 1979-1984.	1.6	48
8	Natural products applied against hydatid cyst protoscolices: A review of past to present. Acta Tropica, 2017, 176, 385-394.	2.0	47
9	Scolicidal and apoptotic activities of albendazole sulfoxide and albendazole sulfoxide-loaded PLGA-PEG as a novel nanopolymeric particle against Echinococcus granulosus protoscoleces. Parasitology Research, 2016, 115, 4595-4603.	1.6	39
10	The Associations ofLeishmania majorandLeishmania tropicaAspects by Focusing Their Morphological and Molecular Features on Clinical Appearances in Khuzestan Province, Iran. BioMed Research International, 2014, 2014, 1-13.	1.9	38
11	The first morphometric and phylogenetic perspective on molecular epidemiology of Echinococcus granulosus sensu lato in stray dogs in a hyperendemic Middle East focus, northwestern Iran. Parasites and Vectors, 2015, 8, 409.	2.5	38
12	Parkinson's disease and Toxoplasma gondii infection: Sero-molecular assess the possible link among patients. Acta Tropica, 2017, 173, 97-101.	2.0	37
13	Cryptosporidiosis in HIV-positive patients and related risk factors: A systematic review and meta-analysis. Parasite, 2020, 27, 27.	2.0	33
14	Parasite-derived microRNAs in plasma as novel promising biomarkers for the early detection of hydatid cyst infection and post-surgery follow-up. Acta Tropica, 2020, 202, 105255.	2.0	31
15	Novel identification of Leishmania major in Hemiechinus auritus and molecular detection of this parasite in Meriones libycus from an important foci of zoonotic cutaneous leishmaniasis in Iran. Journal of Infection and Public Health, 2014, 7, 210-217.	4.1	27
16	Microsporidiosis in Iran: A systematic review and meta-analysis. Asian Pacific Journal of Tropical Medicine, 2017, 10, 341-350.	0.8	26
17	<i>Helicobacter pylori</i> infection and risk of preeclampsia: a systematic review and meta-analysis. Journal of Maternal-Fetal and Neonatal Medicine, 2019, 32, 324-331.	1.5	26
18	Designing and conducting in silico analysis for identifying of Echinococcus spp. with discrimination of novel haplotypes: an approach to better understanding of parasite taxonomic. Parasitology Research, 2015, 114, 1503-1509.	1.6	24

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19	Human cryptosporidiosis in Iran: a systematic review and meta-analysis. Parasitology Research, 2017, 116, 1111-1128.	1.6	24
20	Molecular characterization of Fasciola hepatica and phylogenetic analysis based on mitochondrial (nicotiamide adenine dinucleotide dehydrogenase subunit I and cytochrome oxidase subunit I) genes from the North-East of Iran. Veterinary World, 2016, 9, 1034-1038.	1.7	24
21	Parasitic Contamination of Raw Vegetables in Amol, North of Iran. Archives of Clinical Infectious Diseases, 2013, 8, .	0.2	24
22	Using specific synthetic peptide (p176) derived AgB 8/1-kDa accompanied by modified patient's sera: A novel hypothesis to follow-up of Cystic echinococcosis after surgery. Medical Hypotheses, 2013, 81, 557-560.	1.5	23
23	Molecular Phylodiagnosis of Enterocytozoon bieneusi and Encephalitozoon intestinalis in Children with Cancer: Microsporidia in Malignancies as an Emerging Opportunistic Infection. Acta Parasitologica, 2019, 64, 103-111.	1.1	23
24	Nanostructured lipid carriers of ivermectin as a novel drug delivery system in hydatidosis. Parasites and Vectors, 2019, 12, 469.	2.5	21
25	Recent advances on innate immune pathways related to host–parasite cross-talk in cystic and alveolar echinococcosis. Parasites and Vectors, 2020, 13, 232.	2.5	21
26	Genetic variability and discrimination of low doses of Toxocara spp. from public areas soil inferred by loop-mediated isothermal amplification assay as a field-friendly molecular tool. Veterinary World, 2016, 9, 1471-1477.	1.7	21
27	Cryptosporidium infection in children with cancer undergoing chemotherapy: how important is the prevention of opportunistic parasitic infections in patients with malignancies?. Parasitology Research, 2017, 116, 2507-2515.	1.6	20
28	Assessment of the global pattern of genetic diversity in Echinococcus multilocularis inferred by mitochondrial DNA sequences. Veterinary Parasitology, 2018, 262, 30-41.	1.8	20
29	Amoebiasis in Iran: a systematic review and meta-analysis. Epidemiology and Infection, 2018, 146, 1880-1890.	2.1	19
30	Genotypic characterization of Echinococcus granulosus in Iranian goats. Asian Pacific Journal of Tropical Disease, 2013, 3, 362-366.	0.5	18
31	Genetic characterization of Echinococcus granulosus strains isolated from humans based on nad1 and cox1 gene analysis in Isfahan, central Iran. Journal of Helminthology, 2018, 92, 696-702.	1.0	18
32	Molecular variation in Leishmania parasites from sandflies species of a zoonotic cutaneous leishmaniasis in northeast of Iran. Journal of Vector Borne Diseases, 2014, 51, 16-21.	0.4	18
33	Spermatogenic and Phylo-molecular Characterizations of Isolated Fasciola Spp. From Cattle, North West Iran. Pakistan Journal of Biological Sciences, 2017, 20, 204-209.	0.5	17
34	Toxoplasma gondii vaccine candidates: a concise review. Irish Journal of Medical Science, 2023, 192, 231-261.	1.5	17
35	Hydatidosis as a cause of acute appendicitis: a case report. Asian Pacific Journal of Tropical Disease, 2013, 3, 71-73.	0.5	16
36	The existence of only one haplotype of Leishmania major in the main and potential reservoir hosts of zoonotic cutaneous leishmaniasis using different molecular markers in a focal area in Iran. Revista Da Sociedade Brasileira De Medicina Tropical, 2014, 47, 599-606.	0.9	16

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37	Introducing nitazoxanide as a promising alternative treatment for symptomatic to metronidazole-resistant giardiasis in clinical isolates. Asian Pacific Journal of Tropical Medicine, 2016, 9, 887-892.	0.8	16
38	Tumor suppressor p53 induces apoptosis of host lymphocytes experimentally infected by Leishmania major, by activation of Bax and caspase-3: a possible survival mechanism for the parasite. Parasitology Research, 2017, 116, 2159-2166.	1.6	16
39	Gene flow for Echinococcus granulosus metapopulations determined by mitochondrial sequences: A reliable approach for reflecting epidemiological drift of parasite among neighboring countries. Experimental Parasitology, 2016, 171, 77-83.	1.2	14
40	Genetic variability, phylogenetic evaluation and first global report of Theileria luwenshuni, T. buffeli, and T. ovis in sheepdogs in Iran. Parasitology Research, 2016, 115, 2125-2130.	1.6	14
41	Subconjunctival setariasis due to Setaria equina infection; a case report and a literature review. Parasitology International, 2017, 66, 930-932.	1.3	14
42	Candidate antigenic epitopes for vaccination and diagnosis strategies of Toxoplasma gondii infection: A review. Microbial Pathogenesis, 2019, 137, 103788.	2.9	14
43	ILâ€17 and ILâ€22 elicited by a DNA vaccine encoding ROP13 associated with protection against <i><b>Toxoplasma gondii</b></i> <b>in BALB/c mice</b> . Journal of Cellular Physiology, 2019, 234, 10782-10788.	4.1	13
44	Therapeutic efficacy of nanocompounds in the treatment of cystic and alveolar echinococcoses: challenges and future prospects. Parasitology Research, 2019, 118, 2455-2466.	1.6	13
45	The burden of leishmaniasis in Iran, acquired from the global burden of disease during 1990–2010. Asian Pacific Journal of Tropical Disease, 2017, 7, 513-518.	0.5	13
46	Detection of Potentially Diagnostic Antigens with Western Blot Analysis of Sera from Patients with Cutaneous and Visceral Leishmaniases. Iranian Journal of Parasitology, 2017, 12, 206-214.	0.6	13
47	Comparative study of viscerotropic pathogenicity of Leishmania major amastigotes and promastigotes based on identification of mitochondrial and nucleus sequences. Parasitology Research, 2016, 115, 1221-1228.	1.6	12
48	Molecular characterization of Acanthamoeba strains isolated from the oral cavity of hemodialysis patients in Iran. Parasitology Research, 2017, 116, 2965-2969.	1.6	12
49	Genetic variability and transcontinental sharing of Giardia duodenalis infrapopulations determined by glutamate dehydrogenase gene. Acta Tropica, 2018, 177, 146-156.	2.0	11
50	Laboratory Cross-Contamination of Mycobacterium tuberculosis: A Systematic Review and Meta-analysis. Lung, 2019, 197, 651-661.	3.3	11
51	Molecular phylodiagnosis of Echinococcus granulosus sensu lato and Taenia hydatigena determined by mitochondrial Cox1 and SSU-rDNA markers in Iranian dogs: Indicating the first record of pig strain (G7) in definitive host in the Middle East. Comparative Immunology, Microbiology and Infectious Diseases, 2019, 65, 88-95.	1.6	11
52	Isolation and Phylogenetic Analysis of Free-Living Amoebae (Acanthamoeba, Naegleria, and) Tj ETQq0 0 0 rgBT	/Overlock 1	10 Tf 50 142 T
53	Molecular and Morphometric Characterization of Acanthamoeba spp. from Different Water Sources of Northwest Iran as a Neglected Focus, Co-Bordered With the Country of Iraq. Jundishapur Journal of Microbiology, 2016, 9, e38481.	0.5	11
54	Different Morphologies of Leishmania major Amastigotes with No Molecular Diversity in a Neglected Endemic Area of Zoonotic Cutaneous Leishmaniasis in Iran. Iranian Biomedical Journal, 2015, 19, 149-59.	0.7	11

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55	Ruptured pulmonary hydatid cyst: a case report. Journal of Parasitic Diseases, 2017, 41, 899-902.	1.0	10
56	The potential role of toll-like receptor 4 Asp299Gly polymorphism and its association with recurrent cystic echinococcosis in postoperative patients. Parasitology Research, 2018, 117, 1717-1727.	1.6	10
57	Phylogeography, genetic variability and structure of Acanthamoeba metapopulations in Iran inferred by 18S ribosomal RNA sequences: A systematic review and meta-analysis. Asian Pacific Journal of Tropical Medicine, 2017, 10, 855-863.	0.8	9
58	Loop-mediated isothermal amplification as a reliable assay for Toxocara canis infection in pet dogs. Parasitology Research, 2017, 116, 2591-2597.	1.6	9
59	The prevalence of latent and acute toxoplasmosis in HIV-infected pregnant women: A systematic review and meta-analysis. Microbial Pathogenesis, 2020, 149, 104549.	2.9	9
60	Cloning and Sequence Analysis of Recombinant Plasmodium vivax Merozoite Surface Protein 1 (PvMSP-142 kDa) In pTZ57R/T Vector. Iranian Journal of Parasitology, 2015, 10, 197-205.	0.6	9
61	Sero-molecular evaluation of Toxoplasma gondii infection among HIV-positive patients. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2019, 113, 771-775.	1.8	8
62	The global status and genetic characterization of hydatidosis in camels ( <i>Camelus dromedarius</i> ): a systematic literature review with meta-analysis based on published papers. Parasitology, 2021, 148, 259-273.	1.5	8
63	Diagnostic Accuracy of Loop-mediated Isothermal Amplification Assay as a Field Molecular Tool for Rapid Mass Screening of Old World Infections in Sand Flies and In Vitro Culture. Iranian Journal of Parasitology, 2017, 12, 506-515.	0.6	8
64	Predominance of Leishmania major and rare occurrence of Leishmania tropica with haplotype variability at the center of Iran. Brazilian Journal of Infectious Diseases, 2018, 22, 278-287.	0.6	7
65	Isolation, identification, and phylogenetic analysis of potentially pathogenic free-living amoebae isolated from nasal and oral mucosa of HIV/AIDS patients in Iran. Parasitology Research, 2019, 118, 3061-3066.	1.6	7
66	Prevalence and molecular analysis of Sarcocystis infections in cattle in Northwest Iran and the first global report of S. gigantea in cattle. Comparative Immunology, Microbiology and Infectious Diseases, 2020, 73, 101566.	1.6	7
67	Scolicidal and Apoptotic Activities of 5-hydroxy-1, 4-naphthoquinone as a Potent Agent against Echinococcus granulosus Protoscoleces. Pharmaceuticals, 2021, 14, 623.	3.8	7
68	Gene migration for re-emerging amebiasis in Iran's northwest–Iraq borders: a microevolutionary scale for reflecting epidemiological drift of Entamoeba histolytica metapopulations. Parasitology Research, 2017, 116, 217-224.	1.6	6
69	Quantification of Toxoplasma gondii in the tissues of BALB/c mice after immunization with nanoliposomal excretory-secretory antigens using Real-Time PCR. Comparative Immunology, Microbiology and Infectious Diseases, 2018, 59, 52-56.	1.6	6
70	MicroRNA-365 promotes apoptosis in human melanoma cell A375 treated with hydatid cyst fluid of Echinococcus granulosus sensu stricto. Microbial Pathogenesis, 2021, 153, 104804.	2.9	6
71	The association between seropositivity to human toxocariasis and childhood asthma in northern Iran: a case-control study. Allergologia Et Immunopathologia, 2021, 49, 25-31.	1.7	6
72	Isolation of N. philippinensis and N. americana strains from irrigation waters of farmland soils in Iran. Environmental Science and Pollution Research, 2020, 27, 24568-24573.	5.3	6

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73	Diagnosis of Toxoplasma gondii infection in pregnant women using automated chemiluminescence and quantitative real time PCR. Asian Pacific Journal of Tropical Medicine, 2019, 12, 26.	0.8	6
74	Molecular Identification and Phylogenetic Classification of spp. Isolated from Human Cutaneous Leishmaniasis in Iran: A Cross-sectional Study. Iranian Journal of Parasitology, 2018, 13, 351-361.	0.6	6
75	Molecular characterization of Theileria spp. in livestock and the first report on the occurrence of Theileria sp. OT3 in Iran. Acta Parasitologica, 2018, 63, 515-521.	1.1	5
76	Morphometric, genetic diversity and phylogenetic analysis of Taenia hydatigena (Pallas, 1766) larval stage in Iranian livestock. Parasitology, 2020, 147, 231-239.	1.5	5
77	Comparative evaluation of Cryptosporidium infection in malnourished and well-nourished children: Parasitic infections are affected by the interaction of nutritional status and socio-demographic characteristics. Comparative Immunology, Microbiology and Infectious Diseases, 2020, 68, 101406.	1.6	5
78	A novel enhanced dot blot immunoassay using colorimetric biosensor for detection of Toxoplasma gondii infection. Comparative Immunology, Microbiology and Infectious Diseases, 2021, 79, 101708.	1.6	5
79	Prevalence and molecular assessment of Sarcocystis infection in livestock in northeast Iran. Comparative Immunology, Microbiology and Infectious Diseases, 2022, 80, 101738.	1.6	5
80	A rare cause of dysphagia: pharyngeal ascariasis. Journal of Parasitic Diseases, 2016, 40, 1411-1413.	1.0	4
81	Assessment of the global paradigms of genetic variability in Strongyloides stercoralis infrapopulations determined by mitochondrial DNA sequences. Comparative Immunology, Microbiology and Infectious Diseases, 2019, 67, 101354.	1.6	4
82	Designing Diagnostic Kit for Toxoplasma gondii Based on GRA7, SAG1, and ROP1 Antigens: An In Silico Strategy. International Journal of Peptide Research and Therapeutics, 2020, 26, 2269-2283.	1.9	4
83	Expression analysis of circulating miR-146a and miR-155 as novel biomarkers related to effective immune responses in human cystic echinococcosis. Microbial Pathogenesis, 2021, 157, 104962.	2.9	4
84	First description of the emergence of Echinococcus ortleppi (G5 genotype) in sheep and goats in Iran. Parasitology International, 2021, 83, 102316.	1.3	4
85	Toxoplasma gondii activates NLRP12 inflammasome pathway in the BALB/c murine model. Acta Tropica, 2022, 225, 106202.	2.0	4
86	Molecular Characterization of Strains Based on Identifying Their Probable Variations in Asymptomatic Patients. Iranian Journal of Parasitology, 2016, 11, 507-514.	0.6	4
87	Molecular Characterization of Isolates from Surface Resting Waters in Northwest Iran. Iranian Journal of Parasitology, 2017, 12, 355-363.	0.6	4
88	Intra-Species Diversity of and from Clinical Isolates of Cutaneous Leishmaniasis in Southwest Iran Inferred by ITS1-rDNA. Iranian Journal of Public Health, 2019, 48, 893-901.	0.5	4
89	Molecular evaluation of pvdhfr and pvmdr-1 mutants in Plasmodium vivax isolates after treatment with sulfadoxine/pyrimethamine and chloroquine in Iran during 2001–2016. Infection, Genetics and Evolution, 2018, 64, 70-75.	2.3	3
90	Global assessment of genetic paradigms of Pvmdr1 mutations in chloroquine-resistant Plasmodium vivax isolates. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2020, 114, 339-345.	1.8	3

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91	Intra-Species Diversity of Leishmania major and L. tropica from Clinical Isolates of Cutaneous Leishmaniasis in Southwest Iran Inferred by ITS1-rDNA. Iranian Journal of Public Health, 0, , .	0.5	3
92	Identification of Fasciola spp. in the East of Iran, Based on the Spermatogenesis and Nuclear Ribosomal DNA (ITS1) and Mitochondrial (ND1) Genes. Archives of Clinical Infectious Diseases, 2017, In Press, .	0.2	3
93	Frequency of Intestinal Parasites among Zoo Animal by Morphometric Criteria and First Report of the from Elephant () in Iran. Iranian Journal of Parasitology, 2018, 13, 611-617.	0.6	3
94	Prevalence of toxoplasmosis in patients infected with tuberculosis; a sero-molecular case-control study in northwest Iran. Comparative Immunology, Microbiology and Infectious Diseases, 2022, 81, 101720.	1.6	3
95	MicroRNAs in Helminth Parasites: A Systematic Review. Current Molecular Medicine, 2021, 21, .	1.3	3
96	A clinical association between Toll-like receptor 2 Arg753Gln polymorphism with recurrent cystic echinococcosis in postsurgery patients: A case control study. Comparative Immunology, Microbiology and Infectious Diseases, 2019, 66, 101336.	1.6	2
97	Nanoliposomes increases Anti-Trichomonas vaginalis and apoptotic activities of metronidazole. Acta Tropica, 2021, 224, 106156.	2.0	2
98	Discrimination of Mixed Infections of Echinococcus Species Based on in Silico Sequence Analysis: A New Way of Reflecting Overlapped Strains in Indigenous Areas. Archives of Clinical Infectious Diseases, 2017, 12, .	0.2	2
99	Evaluative Assay of Nuclear and Mitochondrial Genes to Diagnose Species in Clinical Specimens. Iranian Journal of Public Health, 2017, 46, 1422-1429.	0.5	2
100	Phylogeography and Genetic Diversity of Human Hydatidosis in Bordering the Caspian Sea, Northern Iran by Focusing on Echinococcus granulosus Sensu Stricto Complex. Iranian Journal of Public Health, 2020, 49, 1758-1768.	0.5	2
101	Reply letter to: Letter to the editor on the article "The seroprevalence rate and population genetic structure of human cystic echinococcosis in the Middle East: A systematic review and meta-analysis". International Journal of Surgery, 2018, 53, 379.	2.7	1
102	Infection rate and genetic diversity of Giardia duodenalis assemblage C in Iranian stray dogs, targeting the glutamate dehydrogenase gene. Veterinary World, 2021, 14, 419-425.	1.7	1
103	Molecular Phylogenetic Variability of Fasciola gigantica in Iran. Iranian Journal of Public Health, 0, , .	0.5	1
104	Molecular Characterization of Visceral Leishmaniasis in Asymptomatic Dogs in North Khorasan, Northeastern Iran. Jundishapur Journal of Microbiology, 2020, 12, .	0.5	1
105	Gene migration of giardiasis in Iran; a microevolutionary scale for reflecting transmission patterns of Giardia lamblia assemblages in symptomatic patients. Microbial Pathogenesis, 2022, 162, 105359.	2.9	1
106	A Rare Case Series of Intraorbital Unilocular Hydatid Cysts in Pediatric Patients. Archives of Clinical Infectious Diseases, 2017, 12, .	0.2	0
107	Molecular Phylogenetic Variability of in Iran. Iranian Journal of Public Health, 2019, 48, 740-747.	0.5	0
108	Phylogeography and Genetic Diversity of Human Hydatidosis in Bordering the Caspian Sea, Northern Iran by Focusing on Sensu Stricto Complex. Iranian Journal of Public Health, 2020, 49, 1758-1768.	0.5	0

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109	Occurrence and genetic evaluation of potentially pathogenic ⟨i⟩Acanthamoeba⟨/i⟩ genotypes in nasal mucosa of immunocompromised patients: a case–control study in Iran. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2022, 116, 845-852.	1.8	0