

Adriano Casulli

List of Publications by Year in descending order

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104
papers

4,092
citations

101384

36
h-index

133063

59
g-index

108
all docs

108
docs citations

108
times ranked

3443
citing authors

#	ARTICLE	IF	CITATIONS
1	Rescue of a severely bottlenecked wolf (<i>Canis lupus</i>) population by a single immigrant. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003, 270, 91-97.	1.2	387
2	Combined use of maternal, paternal and bi-parental genetic markers for the identification of wolf-dog hybrids. <i>Heredity</i> , 2003, 90, 17-24.	1.2	159
3	International consensus on terminology to be used in the field of echinococcoses. <i>Parasite</i> , 2020, 27, 41.	0.8	152
4	Potential risk factors associated with human alveolar echinococcosis: Systematic review and meta-analysis. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005801.	1.3	132
5	Laboratory Diagnosis of <i>Echinococcus</i> spp. in Human Patients and Infected Animals. <i>Advances in Parasitology</i> , 2017, 96, 159-257.	1.4	130
6	The geographical distribution and prevalence of <i>Echinococcus multilocularis</i> in animals in the European Union and adjacent countries: a systematic review and meta-analysis. <i>Parasites and Vectors</i> , 2016, 9, 519.	1.0	124
7	Genetic variability of <i>Echinococcus granulosus sensu stricto</i> in Europe inferred by mitochondrial DNA sequences. <i>Infection, Genetics and Evolution</i> , 2012, 12, 377-383.	1.0	115
8	Potential Risk Factors Associated with Human Cystic Echinococcosis: Systematic Review and Meta-analysis. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0005114.	1.3	105
9	Serological Diagnosis and Follow-Up of Human Cystic Echinococcosis: A New Hope for the Future?. <i>BioMed Research International</i> , 2015, 2015, 1-9.	0.9	101
10	Prevalence of abdominal cystic echinococcosis in rural Bulgaria, Romania, and Turkey: a cross-sectional, ultrasound-based, population study from the HERACLES project. <i>Lancet Infectious Diseases</i> , 2018, 18, 769-778.	4.6	100
11	Progress in the pharmacological treatment of human cystic and alveolar echinococcosis: Compounds and therapeutic targets. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006422.	1.3	90
12	<i>Echinococcus ortleppi</i> and <i>E. granulosus</i> G1, G2 and G3 genotypes in Italian bovines. <i>Veterinary Parasitology</i> , 2008, 155, 168-172.	0.7	79
13	Hunting Practices Increase the Prevalence of <i>Trichinella</i> Infection in Wolves From European Russia. <i>Journal of Parasitology</i> , 2001, 87, 1498-1501.	0.3	78
14	New global targets for NTDs in the WHO roadmap 2021-2030. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009373.	1.3	78
15	Safety and efficacy of bortezomib-based regimens for multiple myeloma patients with renal impairment: a retrospective study of Italian Myeloma Network GIMEMA. <i>European Journal of Haematology</i> , 2010, 84, 223-228.	1.1	77
16	Global phylogeography and genetic diversity of the zoonotic tapeworm <i>Echinococcus granulosus sensu stricto</i> genotype G1. <i>International Journal for Parasitology</i> , 2018, 48, 729-742.	1.3	77
17	Isolation and characterization of exosomes derived from fertile sheep hydatid cysts. <i>Veterinary Parasitology</i> , 2017, 236, 22-33.	0.7	73
18	<i>Trichinella papuae</i> and <i>Trichinella zimbabwensis</i> induce infection in experimentally infected varans, caimans, pythons and turtles. <i>Parasitology</i> , 2004, 128, 333-342.	0.7	70

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19	Molecular phylogeny based on six nuclear genes suggests that <i>Echinococcus granulosus sensu lato</i> genotypes G6/G7 and G8/G10 can be regarded as two distinct species. <i>Parasitology</i> , 2018, 145, 1929-1937.	0.7	69
20	Cystic and alveolar echinococcosis: Successes and continuing challenges. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005477.	1.3	60
21	A semi-automated magnetic capture probe based DNA extraction and real-time PCR method applied in the Swedish surveillance of <i>Echinococcus multilocularis</i> in red fox (<i>Vulpes vulpes</i>) faecal samples. <i>Parasites and Vectors</i> , 2014, 7, 583.	1.0	57
22	Distinguishing <i>Echinococcus granulosus sensu stricto</i> genotypes G1 and G3 with confidence: A practical guide. <i>Infection, Genetics and Evolution</i> , 2018, 64, 178-184.	1.0	54
23	Molecular evidence of the camel strain (G6 genotype) of <i>Echinococcus granulosus</i> in humans from Turkana, Kenya. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2010, 104, 29-32.	0.7	52
24	The benefits of analysing complete mitochondrial genomes: Deep insights into the phylogeny and population structure of <i>Echinococcus granulosus sensu lato</i> genotypes G6 and G7. <i>Infection, Genetics and Evolution</i> , 2018, 64, 85-94.	1.0	52
25	High-resolution phylogeography of zoonotic tapeworm <i>Echinococcus granulosus sensu stricto</i> genotype G1 with an emphasis on its distribution in Turkey, Italy and Spain. <i>Parasitology</i> , 2016, 143, 1790-1801.	0.7	51
26	Reinventing the Wheel of <i>Echinococcus granulosus sensu lato</i> Transmission to Humans. <i>Trends in Parasitology</i> , 2020, 36, 427-434.	1.5	50
27	The first meeting of the European Register of Cystic Echinococcosis (ERCE). <i>Parasites and Vectors</i> , 2016, 9, 243.	1.0	48
28	<i>Echinococcus equinus</i> and <i>Echinococcus granulosus sensu stricto</i> from the United Kingdom: genetic diversity and haplotypic variation. <i>International Journal for Parasitology</i> , 2015, 45, 161-166.	1.3	47
29	Organochlorine pesticide, polychlorinated biphenyl and heavy metal concentrations in wolves (<i>Canis</i>) Tj ETQq1 1 0,784314 rgBT /Ove	3.9	46
30	Short-Term Thalidomide Incorporated Into Double Autologous Stem-Cell Transplantation Improves Outcomes in Comparison With Double Autotransplantation for Multiple Myeloma. <i>Journal of Clinical Oncology</i> , 2009, 27, 5001-5007.	0.8	46
31	Comparison of the Diagnostic Accuracy of Three Rapid Tests for the Serodiagnosis of Hepatic Cystic Echinococcosis in Humans. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004444.	1.3	46
32	Molecular identification of natural hybrids between <i>Trichinella nativa</i> and <i>Trichinella T6</i> provides evidence of gene flow and ongoing genetic divergence. <i>International Journal for Parasitology</i> , 2003, 33, 209-216.	1.3	44
33	Multi-locus microsatellite analysis supports the hypothesis of an autochthonous focus of <i>Echinococcus multilocularis</i> in northern Italy. <i>International Journal for Parasitology</i> , 2009, 39, 837-842.	1.3	44
34	<i>Echinococcus multilocularis</i> in red foxes (<i>Vulpes vulpes</i>) of the Italian Alpine region: is there a focus of autochthonous transmission?. <i>International Journal for Parasitology</i> , 2005, 35, 1079-1083.	1.3	41
35	Genetic diversity and phylogeography of the elusive, but epidemiologically important <i>Echinococcus granulosus sensu stricto</i> genotype G3. <i>Parasitology</i> , 2018, 145, 1613-1622.	0.7	41
36	Genetic differentiation of the G6/7 cluster of <i>Echinococcus canadensis</i> based on mitochondrial marker genes. <i>International Journal for Parasitology</i> , 2017, 47, 923-931.	1.3	39

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37	Green high-performance liquid chromatography enantioseparation of lansoprazole using a cellulose-based chiral stationary phase under ethanol/water mode. <i>Journal of Separation Science</i> , 2016, 39, 1418-1424.	1.3	37
38	Spatial distribution and genetic diversity of <i>Echinococcus multilocularis</i> in Hungary. <i>Veterinary Parasitology</i> , 2010, 174, 241-246.	0.7	36
39	The Benzimidazole-Based Anthelmintic Parbendazole: A Repurposed Drug Candidate That Synergizes with Gemcitabine in Pancreatic Cancer. <i>Cancers</i> , 2019, 11, 2042.	1.7	36
40	Temperature and eluent composition effects on enantiomer separation of carvedilol by high-performance liquid chromatography on immobilized amylose-based chiral stationary phases. <i>Journal of Pharmaceutical Analysis</i> , 2019, 9, 324-331.	2.4	34
41	Recognising the substantial burden of neglected pandemics cystic and alveolar echinococcosis. <i>The Lancet Global Health</i> , 2020, 8, e470-e471.	2.9	34
42	2-Hydroxypropyl- β -cyclodextrin improves the effectiveness of albendazole against encapsulated larvae of <i>Trichinella spiralis</i> in a murine model. <i>Journal of Antimicrobial Chemotherapy</i> , 2006, 58, 886-890.	1.3	31
43	<i>Echinococcus granulosus sensu lato</i> . <i>Trends in Parasitology</i> , 2019, 35, 663-664.	1.5	31
44	<i>Echinococcus multilocularis</i> . <i>Trends in Parasitology</i> , 2019, 35, 738-739.	1.5	29
45	Species and genotypes belonging to <i>Echinococcus granulosus sensu lato</i> complex causing human cystic echinococcosis in Europe (2000-2021): a systematic review. <i>Parasites and Vectors</i> , 2022, 15, 109.	1.0	29
46	The sodium salt of the enantiomers of ricobendazole: Preparation, solubility and chiroptical properties. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 139, 1-7.	1.4	28
47	The Italian registry of cystic echinococcosis (RIEC): the first prospective registry with a European future. <i>Eurosurveillance</i> , 2015, 20, .	3.9	28
48	Structure-Based Drug Design of Potent Pyrazole Derivatives against Rhinovirus Replication. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 8402-8416.	2.9	26
49	The European Register of Cystic Echinococcosis, ERCE: state-of-the-art five years after its launch. <i>Parasites and Vectors</i> , 2020, 13, 236.	1.0	26
50	Two haplotype clusters of <i>Echinococcus granulosus sensu stricto</i> in northern Iraq (Kurdistan) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222	0.9	25
51	Epidemiological factors associated with human cystic echinococcosis: a semi-structured questionnaire from a large population-based ultrasound cross-sectional study in eastern Europe and Turkey. <i>Parasites and Vectors</i> , 2019, 12, 371.	1.0	25
52	Proteomic analysis of plasma exosomes from Cystic Echinococcosis patients provides in vivo support for distinct immune response profiles in active vs inactive infection and suggests potential biomarkers. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008586.	1.3	25
53	Unexpected <i>Echinococcus multilocularis</i> infections in shepherd dogs and wolves in south-western Italian Alps: A new endemic area?. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2018, 7, 309-316.	0.6	23
54	Hypoalbuminemia as a predictor of acute kidney injury during colistin treatment. <i>Scientific Reports</i> , 2018, 8, 11968.	1.6	23

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55	Analytical and semipreparative high performance liquid chromatography enantioseparation of bicalutamide and its chiral impurities on an immobilized polysaccharide-based chiral stationary phase. <i>Journal of Chromatography A</i> , 2016, 1445, 166-171.	1.8	22
56	Sensing parasites: Proteomic and advanced bio-detection alternatives. <i>Journal of Proteomics</i> , 2016, 136, 145-156.	1.2	22
57	Evaluation of the recombinant antigens B2t and 2B2t, compared with hydatid fluid, in IgG-ELISA and immunostrips for the diagnosis and follow up of CE patients. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006741.	1.3	21
58	Screening of Benzimidazole-Based Anthelmintics and Their Enantiomers as Repurposed Drug Candidates in Cancer Therapy. <i>Pharmaceuticals</i> , 2021, 14, 372.	1.7	21
59	Trichinella Infection in Wildlife of the Southwestern United States. <i>Journal of Parasitology</i> , 2001, 87, 1208-1210.	0.3	20
60	A dual PCR-based sequencing approach for the identification and discrimination of Echinococcus and Taenia taxa. <i>Molecular and Cellular Probes</i> , 2016, 30, 211-217.	0.9	20
61	Enantiomers of triclabendazole sulfoxide: Analytical and semipreparative HPLC separation, absolute configuration assignment, and transformation into sodium salt. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 140, 38-44.	1.4	20
62	Assessment of the global pattern of genetic diversity in Echinococcus multilocularis inferred by mitochondrial DNA sequences. <i>Veterinary Parasitology</i> , 2018, 262, 30-41.	0.7	20
63	Echinococcus multilocularis in foxes and raccoon dogs: an increasing concern for Baltic countries. <i>Parasites and Vectors</i> , 2016, 9, 615.	1.0	18
64	A chromatographic study on the retention behavior of the amylose tris(3-chloro-5-methylphenylcarbamate) chiral stationary phase under aqueous conditions. <i>Journal of Separation Science</i> , 2018, 41, 4014-4021.	1.3	18
65	EWET: Data collection and interface for the genetic analysis of Echinococcus multilocularis based on EmsB microsatellite. <i>PLoS ONE</i> , 2017, 12, e0183849.	1.1	17
66	First insights into the genetic diversity of Echinococcus granulosus sensu stricto (s.s.) in Serbia. <i>Veterinary Parasitology</i> , 2016, 223, 57-62.	0.7	16
67	Harmonizing methods for wildlife abundance estimation and pathogen detection in Europe—a questionnaire survey on three selected host-pathogen combinations. <i>BMC Veterinary Research</i> , 2016, 13, 53.	0.7	16
68	Unusual retention behavior of omeprazole and its chiral impurities B and E on the amylose tris (3-chloro-5-methylphenylcarbamate) chiral stationary phase in polar organic mode. <i>Journal of Pharmaceutical Analysis</i> , 2018, 8, 234-239.	2.4	16
69	Analysis of nad2 and nad5 enables reliable identification of genotypes G6 and G7 within the species complex Echinococcus granulosus sensu lato. <i>Infection, Genetics and Evolution</i> , 2019, 74, 103941.	1.0	16
70	Unravelling the genetic diversity and relatedness of Echinococcus multilocularis isolates in Eurasia using the EmsB microsatellite nuclear marker. <i>Infection, Genetics and Evolution</i> , 2021, 92, 104863.	1.0	15
71	Human cystic echinococcosis in Turkey: a preliminary study on DNA polymorphisms of hydatid cysts removed from confirmed patients. <i>Parasitology Research</i> , 2018, 117, 1257-1263.	0.6	14
72	Species Detection within the Echinococcus granulosus sensu lato Complex by Novel Probe-Based Real-Time PCRs. <i>Pathogens</i> , 2020, 9, 791.	1.2	14

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73	Single-run reversed-phase HPLC method for determining sertraline content, enantiomeric purity, and related substances in drug substance and finished product. <i>Journal of Pharmaceutical Analysis</i> , 2020, 10, 610-616.	2.4	14
74	Emerging human alveolar echinococcosis in Hungary (2003–2018): a retrospective case series analysis from a multi-centre study. <i>BMC Infectious Diseases</i> , 2021, 21, 168.	1.3	14
75	The clinical burden of human cystic echinococcosis in Palestine, 2010-2015. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005717.	1.3	13
76	Prevalence of human cystic echinococcosis in the towns of Ñorquinco and Ramos Mexia in Rio Negro Province, Argentina, and direct risk factors for infection. <i>Parasites and Vectors</i> , 2021, 14, 262.	1.0	13
77	Therapeutic efficacy of nanocompounds in the treatment of cystic and alveolar echinococcoses: challenges and future prospects. <i>Parasitology Research</i> , 2019, 118, 2455-2466.	0.6	13
78	Structural and Immunodiagnostic Characterization of Synthetic Antigen B Subunits From <i>Echinococcus granulosus</i> and Their Evaluation as Target Antigens for Cyst Viability Assessment. <i>Clinical Infectious Diseases</i> , 2018, 66, 1342-1351.	2.9	12
79	Achievements of the HERACLES Project on Cystic Echinococcosis. <i>Trends in Parasitology</i> , 2020, 36, 1-4.	1.5	11
80	High prevalence of <i>Trichinella nativa</i> infection in wolf (<i>Canis lupus</i>) populations of Tvier and Smolensk regions of European Russia. <i>Parasite</i> , 2001, 8, S88-S89.	0.8	10
81	Comment on: Retrospective study of human cystic echinococcosis in Italy based on the analysis of hospital discharge records between 2001 and 2012. <i>Acta Tropica</i> , 2015, 144, 50-51.	0.9	9
82	<i>E. multilocularis</i> infection in animals. <i>EFSA Supporting Publications</i> , 2015, 12, 882E.	0.3	9
83	Morphological Characteristics of Alveolar and Cystic Echinococcosis Lesions in Human Liver and Bone. <i>Pathogens</i> , 2021, 10, 1326.	1.2	9
84	Autochthonous human alveolar echinococcosis in a Hungarian patient. <i>Infection</i> , 2017, 45, 107-110.	2.3	8
85	A systematic review and meta-analysis on anthelmintic control programs for <i>Echinococcus multilocularis</i> in wild and domestic carnivores. <i>Food and Waterborne Parasitology</i> , 2019, 15, e00042.	1.1	8
86	Evidence of Low Prevalence of Cystic Echinococcosis in the Catanzaro Province, Calabria Region, Italy. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020, 103, 1951-1954.	0.6	8
87	Chromosome-scale <i>Echinococcus granulosus</i> (genotype G1) genome reveals the Eg95 gene family and conservation of the EG95-vaccine molecule. <i>Communications Biology</i> , 2022, 5, 199.	2.0	7
88	Human cystic echinococcosis in Hungary (2000–2014): a retrospective case series analysis from a single-center study. <i>Infection</i> , 2018, 46, 477-486.	2.3	6
89	MicroRNA-365 promotes apoptosis in human melanoma cell A375 treated with hydatid cyst fluid of <i>Echinococcus granulosus sensu stricto</i> . <i>Microbial Pathogenesis</i> , 2021, 153, 104804.	1.3	6
90	Prevalence rate and risk factors of human cystic echinococcosis: A cross-sectional, community-based, abdominal ultrasound study in rural and urban north-central Chile. <i>PLoS Neglected Tropical Diseases</i> , 2022, 16, e0010280.	1.3	6

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91	Efficacy of novel albendazole salt formulations against secondary cystic echinococcosis in experimentally infected mice. <i>Parasitology</i> , 2020, 147, 1425-1432.	0.7	5
92	Investigation of the relationship between CE cyst characteristics and genetic diversity of <i>Echinococcus granulosus sensu lato</i> in humans from Turkey. <i>Parasitology</i> , 2020, 147, 1712-1717.	0.7	5
93	Epidemiological Study of Cystic Echinococcosis in Sheep, Cattle and Goats in Erbil Province. <i>Science Journal of University of Zakho</i> , 2016, 4, 43-55.	0.1	5
94	Evaluation of the sensitivity and specificity of GST-tagged recombinant antigens 2B2t, Ag5t and DIPOL in ELISA for the diagnosis and follow up of patients with cystic echinococcosis. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008892.	1.3	5
95	Proficiency testing carried out by the European Union Reference Laboratory for Parasites. <i>Accreditation and Quality Assurance</i> , 2015, 20, 311-317.	0.4	4
96	Correlation of serum sHLA levels with cyst stage in patients with cystic echinococcosis: is it an immune evasion strategy?. <i>Parasite Immunology</i> , 2016, 38, 414-418.	0.7	4
97	A validated method to identify <i>Echinococcus granulosus sensu lato</i> at species level. <i>Infection, Genetics and Evolution</i> , 2020, 85, 104575.	1.0	4
98	Sylvatic trichinellosis in Texas. <i>Parasite</i> , 2001, 8, S81-S82.	0.8	3
99	Tracing the source of infection of cystic and alveolar echinococcosis, neglected parasitic infections with long latency: The shaky road of evidence-gathering. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009009.	1.3	3
100	A One-Health evaluation of the burden of cystic echinococcosis and its prevention costs: Case study from a hypo-endemic area in Italy. <i>One Health</i> , 2021, 13, 100320.	1.5	3
101	A Retrospective Cohort Study on Human Cystic Echinococcosis in Khyber Pakhtunkhwa Province (Pakistan) Based on 16 Years of Hospital Discharge Records. <i>Pathogens</i> , 2022, 11, 194.	1.2	3
102	Cystic and alveolar echinococcosis are two completely different diseases caused by two different species of <i>Echinococcus</i> parasites. comment ON: Disseminated cystic echinococcosis of Ferdinando II de' Medici, Grand Duke of Tuscany (1610-1670) by Gaeta R, Giuffra V. <i>J infect.</i> 2019 Sep 4. <i>Journal of Infection</i> , 2020, 80, 121-142.	1.7	2
103	Insights into Human Cystic Echinococcosis in the Kurdistan Region, Iraq: Characteristics and Molecular Identification of Cysts. <i>Pathogens</i> , 2022, 11, 408.	1.2	2
104	Comparison of the multi-epitope recombinant antigen DIPOL and hydatid fluid for the diagnosis of patients with cystic echinococcosis. <i>Acta Tropica</i> , 2022, 225, 106208.	0.9	1