

# Adriano Casulli

## List of Publications by Year in descending order

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104  
papers

4,092  
citations

101543  
36  
h-index

133252  
59  
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108  
all docs

108  
docs citations

108  
times ranked

3443  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	2.0	1
2	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.	2.8	3
3	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.	2.5	29
4	Insights into Human Cystic Echinococcosis in the Kurdistan Region, Iraq: Characteristics and Molecular Identification of Cysts. <i>Pathogens</i> , 2022, 11, 408.	2.8	2
5	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.	4.4	7
6	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.	3.0	6
7	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.	3.0	3
8	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.	2.9	14
9	Screening of Benzimidazole-Based Anthelmintics and Their Enantiomers as Repurposed Drug Candidates in Cancer Therapy. <i>Pharmaceuticals</i> , 2021, 14, 372.	3.8	21
10	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.	2.9	6
11	New global targets for NTDs in the WHO roadmap 2021–2030. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009373.	3.0	78
12	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.	2.5	13
13	Unravelling the genetic diversity and relatedness of <i>Echinococcus multilocularis</i> isolates in Eurasia using the EmsB microsatellite nuclear marker. <i>Infection, Genetics and Evolution</i> , 2021, 92, 104863.	2.3	15
14	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.	3.4	3
15	Morphological Characteristics of Alveolar and Cystic Echinococcosis Lesions in Human Liver and Bone. <i>Pathogens</i> , 2021, 10, 1326.	2.8	9
16	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.	3.3	2
17	Achievements of the HERACLES Project on Cystic Echinococcosis. <i>Trends in Parasitology</i> , 2020, 36, 1-4.	3.3	11
18	Species Detection within the <i>Echinococcus granulosus sensu lato</i> Complex by Novel Probe-Based Real-Time PCRs. <i>Pathogens</i> , 2020, 9, 791.	2.8	14

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19	A validated method to identify <i>Echinococcus granulosus sensu lato</i> at species level. <i>Infection, Genetics and Evolution</i> , 2020, 85, 104575.	2.3	4
20	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.	5.3	14
21	Efficacy of novel albendazole salt formulations against secondary cystic echinococcosis in experimentally infected mice. <i>Parasitology</i> , 2020, 147, 1425-1432.	1.5	5
22	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.	1.5	5
23	The European Register of Cystic Echinococcosis, ERCE: state-of-the-art five years after its launch. <i>Parasites and Vectors</i> , 2020, 13, 236.	2.5	26
24	International consensus on terminology to be used in the field of echinococcoses. <i>Parasite</i> , 2020, 27, 41.	2.0	152
25	Recognising the substantial burden of neglected pandemics cystic and alveolar echinococcosis. <i>The Lancet Global Health</i> , 2020, 8, e470-e471.	6.3	34
26	Reinventing the Wheel of <i>Echinococcus granulosus sensu lato</i> Transmission to Humans. <i>Trends in Parasitology</i> , 2020, 36, 427-434.	3.3	50
27	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.	3.0	25
28	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.	1.4	8
29	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.	3.0	5
30	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.	2.5	25
31	Analysis of nad2 and nad5 enables reliable identification of genotypes G6 and G7 within the species complex <i>Echinococcus granulosus sensu lato</i> . <i>Infection, Genetics and Evolution</i> , 2019, 74, 103941.	2.3	16
32	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.	5.3	34
33	<i>Echinococcus multilocularis</i> . <i>Trends in Parasitology</i> , 2019, 35, 738-739.	3.3	29
34	<i>Echinococcus granulosus sensu lato</i> . <i>Trends in Parasitology</i> , 2019, 35, 663-664.	3.3	31
35	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.	2.7	8
36	The Benzimidazole-Based Anthelmintic Parbendazole: A Repurposed Drug Candidate That Synergizes with Gemcitabine in Pancreatic Cancer. <i>Cancers</i> , 2019, 11, 2042.	3.7	36

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37	Therapeutic efficacy of nanocompounds in the treatment of cystic and alveolar echinococcoses: challenges and future prospects. <i>Parasitology Research</i> , 2019, 118, 2455-2466.	1.6	13
38	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.	1.6	14
39	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.	5.3	16
40	Genetic diversity and phylogeography of the elusive, but epidemiologically important <i>Echinococcus granulosus</i> sensu stricto genotype G3. <i>Parasitology</i> , 2018, 145, 1613-1622.	1.5	41
41	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.	5.8	12
42	Assessment of the global pattern of genetic diversity in <i>Echinococcus multilocularis</i> inferred by mitochondrial DNA sequences. <i>Veterinary Parasitology</i> , 2018, 262, 30-41.	1.8	20
43	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.	3.0	21
44	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.	2.5	18
45	Structure-Based Drug Design of Potent Pyrazole Derivatives against Rhinovirus Replication. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 8402-8416.	6.4	26
46	Global phylogeography and genetic diversity of the zoonotic tapeworm <i>Echinococcus granulosus</i> sensu stricto genotype G1. <i>International Journal for Parasitology</i> , 2018, 48, 729-742.	3.1	77
47	Molecular phylogeny based on six nuclear genes suggests that <i>Echinococcus granulosus</i> sensu lato genotypes G6/G7 and G8/G10 can be regarded as two distinct species. <i>Parasitology</i> , 2018, 145, 1929-1937.	1.5	69
48	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> , The, 2018, 18, 769-778.	9.1	100
49	Distinguishing <i>Echinococcus granulosus</i> sensu stricto genotypes G1 and G3 with confidence: A practical guide. <i>Infection, Genetics and Evolution</i> , 2018, 64, 178-184.	2.3	54
50	Progress in the pharmacological treatment of human cystic and alveolar echinococcosis: Compounds and therapeutic targets. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006422.	3.0	90
51	Human cystic echinococcosis in Hungary (2000–2014): a retrospective case series analysis from a single-center study. <i>Infection</i> , 2018, 46, 477-486.	4.7	6
52	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.	1.5	23
53	Hypoalbuminemia as a predictor of acute kidney injury during colistin treatment. <i>Scientific Reports</i> , 2018, 8, 11968.	3.3	23
54	The benefits of analysing complete mitochondrial genomes: Deep insights into the phylogeny and population structure of <i>Echinococcus granulosus</i> sensu lato genotypes G6 and G7. <i>Infection, Genetics and Evolution</i> , 2018, 64, 85-94.	2.3	52

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55	Autochthonous human alveolar echinococcosis in a Hungarian patient. <i>Infection</i> , 2017, 45, 107-110.	4.7	8
56	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.	2.8	28
57	Isolation and characterization of exosomes derived from fertile sheep hydatid cysts. <i>Veterinary Parasitology</i> , 2017, 236, 22-33.	1.8	73
58	Two haplotype clusters of <i>Echinococcus granulosus sensu stricto</i> in northern Iraq (Kurdistan) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622	2.0	25
59	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.	2.8	20
60	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.	3.1	39
61	Laboratory Diagnosis of <i>Echinococcus</i> spp. in Human Patients and Infected Animals. <i>Advances in Parasitology</i> , 2017, 96, 159-257.	3.2	130
62	Cystic and alveolar echinococcosis: Successes and continuing challenges. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005477.	3.0	60
63	The clinical burden of human cystic echinococcosis in Palestine, 2010-2015. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005717.	3.0	13
64	Potential risk factors associated with human alveolar echinococcosis: Systematic review and meta-analysis. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005801.	3.0	132
65	EWET: Data collection and interface for the genetic analysis of <i>Echinococcus multilocularis</i> based on EmsB microsatellite. <i>PLoS ONE</i> , 2017, 12, e0183849.	2.5	17
66	Potential Risk Factors Associated with Human Cystic Echinococcosis: Systematic Review and Meta-analysis. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0005114.	3.0	105
67	<i>Echinococcus multilocularis</i> in foxes and raccoon dogs: an increasing concern for Baltic countries. <i>Parasites and Vectors</i> , 2016, 9, 615.	2.5	18
68	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.	2.5	124
69	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.	1.5	51
70	The first meeting of the European Register of Cystic Echinococcosis (ERCE). <i>Parasites and Vectors</i> , 2016, 9, 243.	2.5	48
71	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.	3.7	22
72	First insights into the genetic diversity of <i>Echinococcus granulosus sensu stricto</i> (s.s.) in Serbia. <i>Veterinary Parasitology</i> , 2016, 223, 57-62.	1.8	16

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73	Harmonizing methods for wildlife abundance estimation and pathogen detection in Europe—a questionnaire survey on three selected host-pathogen combinations. BMC Veterinary Research, 2016, 13, 53.	1.9	16
74	Correlation of serum <sc>HLA</sc> levels with cyst stage in patients with cystic echinococcosis: is it an immune evasion strategy?. Parasite Immunology, 2016, 38, 414-418.	1.5	4
75	A dual PCR-based sequencing approach for the identification and discrimination of Echinococcus and Taenia taxa. Molecular and Cellular Probes, 2016, 30, 211-217.	2.1	20
76	Green high-performance liquid chromatography enantioseparation of lansoprazole using a cellulose-based chiral stationary phase under ethanol/water mode. Journal of Separation Science, 2016, 39, 1418-1424.	2.5	37
77	Sensing parasites: Proteomic and advanced bio-detection alternatives. Journal of Proteomics, 2016, 136, 145-156.	2.4	22
78	Comparison of the Diagnostic Accuracy of Three Rapid Tests for the Serodiagnosis of Hepatic Cystic Echinococcosis in Humans. PLoS Neglected Tropical Diseases, 2016, 10, e0004444.	3.0	46
79	Epidemiological Study of Cystic Echinococcosis in Sheep, Cattle and Goats in Erbil Province. Science Journal of University of Zakho, 2016, 4, 43-55.	0.1	5
80	Serological Diagnosis and Follow-Up of Human Cystic Echinococcosis: A New Hope for the Future?. BioMed Research International, 2015, 2015, 1-9.	1.9	101
81	Comment on: Retrospective study of human cystic echinococcosis in Italy based on the analysis of hospital discharge records between 2001 and 2012. Acta Tropica, 2015, 144, 50-51.	2.0	9
82	Proficiency testing carried out by the European Union Reference Laboratory for Parasites. Accreditation and Quality Assurance, 2015, 20, 311-317.	0.8	4
83	Echinococcus equinus and Echinococcus granulosus sensu stricto from the United Kingdom: genetic diversity and haplotypic variation. International Journal for Parasitology, 2015, 45, 161-166.	3.1	47
84	The Italian registry of cystic echinococcosis (RIEC): the first prospective registry with a European future. Eurosurveillance, 2015, 20, .	7.0	28
85	E. multilocularis infection in animals. EFSA Supporting Publications, 2015, 12, 882E.	0.7	9
86	A semi-automated magnetic capture probe based DNA extraction and real-time PCR method applied in the Swedish surveillance of Echinococcus multilocularis in red fox (Vulpes vulpes) faecal samples. Parasites and Vectors, 2014, 7, 583.	2.5	57
87	Genetic variability of Echinococcus granulosus sensu stricto in Europe inferred by mitochondrial DNA sequences. Infection, Genetics and Evolution, 2012, 12, 377-383.	2.3	115
88	Safety and efficacy of bortezomib-based regimens for multiple myeloma patients with renal impairment: a retrospective study of Italian Myeloma Network GIMEMA. European Journal of Haematology, 2010, 84, 223-228.	2.2	77
89	Molecular evidence of the camel strain (G6 genotype) of Echinococcus granulosus in humans from Turkana, Kenya. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2010, 104, 29-32.	1.8	52
90	Spatial distribution and genetic diversity of Echinococcus multilocularis in Hungary. Veterinary Parasitology, 2010, 174, 241-246.	1.8	36

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91	Short-Term Thalidomide Incorporated Into Double Autologous Stem-Cell Transplantation Improves Outcomes in Comparison With Double Autotransplantation for Multiple Myeloma. Journal of Clinical Oncology, 2009, 27, 5001-5007.	1.6	46
92	Multi-locus microsatellite analysis supports the hypothesis of an autochthonous focus of Echinococcus multilocularis in northern Italy. International Journal for Parasitology, 2009, 39, 837-842.	3.1	44
93	Echinococcus orteppi and E. granulosus G1, G2 and G3 genotypes in Italian bovines. Veterinary Parasitology, 2008, 155, 168-172.	1.8	79
94	2-Hydroxypropyl- $\alpha$ -cyclodextrin improves the effectiveness of albendazole against encapsulated larvae of Trichinella spiralis in a murine model. Journal of Antimicrobial Chemotherapy, 2006, 58, 886-890.	3.0	31
95	Echinococcus multilocularis in red foxes (Vulpes vulpes) of the Italian Alpine region: is there a focus of autochthonous transmission?. International Journal for Parasitology, 2005, 35, 1079-1083.	3.1	41
96	Trichinella papuae and Trichinella zimbabwensis induce infection in experimentally infected varans, caimans, pythons and turtles. Parasitology, 2004, 128, 333-342.	1.5	70
97	Molecular identification of natural hybrids between Trichinella nativa and Trichinella T6 provides evidence of gene flow and ongoing genetic divergence. International Journal for Parasitology, 2003, 33, 209-216.	3.1	44
98	Combined use of maternal, paternal and bi-parental genetic markers for the identification of wolf "dog hybrids. Heredity, 2003, 90, 17-24.	2.6	159
99	Rescue of a severely bottlenecked wolf (Canis lupus) population by a single immigrant. Proceedings of the Royal Society B: Biological Sciences, 2003, 270, 91-97.	2.6	387
100	Sylvatic trichinellosis in Texas. Parasite, 2001, 8, S81-S82.	2.0	3
101	High prevalence of Trichinella nativa infection in wolf (Canis lupus) populations of Tvier and Smolensk regions of European Russia. Parasite, 2001, 8, S88-S89.	2.0	10
102	Organochlorine pesticide, polychlorinated biphenyl and heavy metal concentrations in wolves (Canis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	8.0	46
103	Trichinella Infection in Wildlife of the Southwestern United States. Journal of Parasitology, 2001, 87, 1208-1210.	0.7	20
104	Hunting Practices Increase the Prevalence of Trichinella Infection in Wolves From European Russia. Journal of Parasitology, 2001, 87, 1498-1501.	0.7	78