

# Antonio Marcilla

## List of Publications by Citations

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84  
papers

11,248  
citations

35  
h-index

86  
g-index

86  
ext. papers

14,728  
ext. citations

5  
avg. IF

5.05  
L-index

#	Paper	IF	Citations
84	Minimal information for studies of extracellular vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines. <i>Journal of Extracellular Vesicles</i> , <b>2018</b> , 7, 1535750	16.4	3642
83	Biological properties of extracellular vesicles and their physiological functions. <i>Journal of Extracellular Vesicles</i> , <b>2015</b> , 4, 27066	16.4	2611
82	Vesiclepedia: a compendium for extracellular vesicles with continuous community annotation. <i>PLoS Biology</i> , <b>2012</b> , 10, e1001450	9.7	800
81	Applying extracellular vesicles based therapeutics in clinical trials - an ISEV position paper. <i>Journal of Extracellular Vesicles</i> , <b>2015</b> , 4, 30087	16.4	722
80	Evidence-Based Clinical Use of Nanoscale Extracellular Vesicles in Nanomedicine. <i>ACS Nano</i> , <b>2016</b> , 10, 3886-99	16.7	304
79	EVpedia: a community web portal for extracellular vesicles research. <i>Bioinformatics</i> , <b>2015</b> , 31, 933-9	7.2	256
78	Extracellular vesicles from parasitic helminths contain specific excretory/secretory proteins and are internalized in intestinal host cells. <i>PLoS ONE</i> , <b>2012</b> , 7, e45974	3.7	224
77	Hsa-miR-30d, secreted by the human endometrium, is taken up by the pre-implantation embryo and might modify its transcriptome. <i>Development (Cambridge)</i> , <b>2015</b> , 142, 3210-21	6.6	144
76	The ITS-2 of the nuclear rDNA as a molecular marker for populations, species, and phylogenetic relationships in Triatominae (Hemiptera: Reduviidae), vectors of Chagas disease. <i>Molecular Phylogenetics and Evolution</i> , <b>2001</b> , 18, 136-42	4.1	141
75	The Extracellular Vesicles of the Helminth Pathogen, <i>Fasciola hepatica</i> : Biogenesis Pathways and Cargo Molecules Involved in Parasite Pathogenesis. <i>Molecular and Cellular Proteomics</i> , <b>2015</b> , 14, 3258-73	7.6	138
74	Extracellular vesicles in parasitic diseases. <i>Journal of Extracellular Vesicles</i> , <b>2014</b> , 3, 25040	16.4	136
73	A PCR-RFLP assay for the distinction between <i>Fasciola hepatica</i> and <i>Fasciola gigantica</i> . <i>Molecular and Cellular Probes</i> , <b>2002</b> , 16, 327-33	3.3	114
72	Exosome levels in human body fluids: A tumor marker by themselves?. <i>European Journal of Pharmaceutical Sciences</i> , <b>2017</b> , 96, 93-98	5.1	112
71	Identification of enolase as a plasminogen-binding protein in excretory-secretory products of <i>Fasciola hepatica</i> . <i>FEBS Letters</i> , <b>2004</b> , 563, 203-6	3.8	109
70	Origin and phylogeography of the Chagas disease main vector <i>Triatoma infestans</i> based on nuclear rDNA sequences and genome size. <i>Infection, Genetics and Evolution</i> , <b>2006</b> , 6, 46-62	4.5	103
69	Identification of the major tyrosine kinase substrate in signaling complexes formed after engagement of Fc gamma receptors. <i>Journal of Biological Chemistry</i> , <b>1995</b> , 270, 9115-20	5.4	103
68	Surface analysis of <i>Dicrocoelium dendriticum</i> . The molecular characterization of exosomes reveals the presence of miRNAs. <i>Journal of Proteomics</i> , <b>2014</b> , 105, 232-41	3.9	83

67	High risk of bacterobilia in advanced experimental chronic fasciolosis. <i>Acta Tropica</i> , <b>2006</b> , 100, 17-23	3.2	69
66	Nuclear rDNA ITS-2 sequences reveal polyphyly of Panstrongylus species (Hemiptera: Reduviidae: Triatominae), vectors of Trypanosoma cruzi. <i>Infection, Genetics and Evolution</i> , <b>2002</b> , 1, 225-35	4.5	59
65	The Role of Extracellular Vesicles in Modulating the Host Immune Response during Parasitic Infections. <i>Frontiers in Immunology</i> , <b>2014</b> , 5, 433	8.4	52
64	Leucine aminopeptidase is an immunodominant antigen of Fasciola hepatica excretory and secretory products in human infections. <i>Vaccine Journal</i> , <b>2008</b> , 15, 95-100		46
63	Candida albicans mycelial wall structure: supramolecular complexes released by zymolyase, chitinase and beta-mercaptoethanol. <i>Archives of Microbiology</i> , <b>1991</b> , 155, 312-9	3	46
62	Identification of proteins in excretory/secretory extracts of Echinostoma friedi (Trematoda) from chronic and acute infections. <i>Proteomics</i> , <b>2006</b> , 6, 2835-43	4.8	45
61	The revised microRNA complement of Fasciola hepatica reveals a plethora of overlooked microRNAs and evidence for enrichment of immuno-regulatory microRNAs in extracellular vesicles. <i>International Journal for Parasitology</i> , <b>2015</b> , 45, 697-702	4.3	44
60	Exploration of extracellular vesicles from provides evidence of parasite-host cross talk. <i>Journal of Extracellular Vesicles</i> , <b>2019</b> , 8, 1578116	16.4	42
59	Identification of antigenic proteins from Echinostoma caproni (Trematoda) recognized by mouse immunoglobulins M, A and G using an immunoproteomic approach. <i>Parasite Immunology</i> , <b>2008</b> , 30, 271-9 <sup>2</sup>		42
58	Development and pathology of Echinostoma caproni in experimentally infected mice. <i>Journal of Parasitology</i> , <b>2007</b> , 93, 854-9	0.9	42
57	Microvesicles released from Giardia intestinalis disturb host-pathogen response in vitro. <i>European Journal of Cell Biology</i> , <b>2017</b> , 96, 131-142	6.1	41
56	Cestode parasites release extracellular vesicles with microRNAs and immunodiagnostic protein cargo. <i>International Journal for Parasitology</i> , <b>2017</b> , 47, 675-686	4.3	41
55	Extracellular vesicles in food: Experimental evidence of their secretion in grape fruits. <i>European Journal of Pharmaceutical Sciences</i> , <b>2017</b> , 98, 40-50	5.1	40
54	Echinostoma caproni: intestinal pathology in the golden hamster, a highly compatible host, and the Wistar rat, a less compatible host. <i>Experimental Parasitology</i> , <b>2006</b> , 112, 164-71	2.1	40
53	Echinostoma caproni: identification of enolase in excretory/secretory products, molecular cloning, and functional expression. <i>Experimental Parasitology</i> , <b>2007</b> , 117, 57-64	2.1	39
52	Excretory/secretory proteome of the adult stage of Echinostoma caproni. <i>Parasitology Research</i> , <b>2010</b> , 107, 691-7	2.4	38
51	Subcutaneous injection of exosomes reduces symptom severity and mortality induced by Echinostoma caproni infection in BALB/c mice. <i>International Journal for Parasitology</i> , <b>2016</b> , 46, 799-808	4.3	36
50	Proteomics of foodborne trematodes. <i>Journal of Proteomics</i> , <b>2011</b> , 74, 1485-503	3.9	35

49	Triatomine vectors of <i>Trypanosoma cruzi</i> : a molecular perspective based on nuclear ribosomal DNA markers. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , <b>2002</b> , 96 Suppl 1, S159-64	2	35
48	Monoclonal antibody 3H8: a useful tool in the diagnosis of candidiasis. <i>Microbiology (United Kingdom)</i> , <b>1999</b> , 145 ( Pt 3), 695-701	2.9	33
47	Extracellular Vesicles From the Helminth Prevent DSS-Induced Acute Ulcerative Colitis in a T-Lymphocyte Independent Mode. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 1036	5.7	32
46	<i>Echinostoma caproni</i> (Trematoda): differential in vivo cytokine responses in high and low compatible hosts. <i>Experimental Parasitology</i> , <b>2011</b> , 127, 387-97	2.1	32
45	On the presence and immunoregulatory functions of extracellular microRNAs in the trematode <i>Fasciola hepatica</i> . <i>Parasite Immunology</i> , <b>2017</b> , 39, e12399	2.2	31
44	The protein and microRNA cargo of extracellular vesicles from parasitic helminths - current status and research priorities. <i>International Journal for Parasitology</i> , <b>2020</b> , 50, 635-645	4.3	31
43	<i>Echinostoma caproni</i> : kinetics of IgM, IgA and IgG subclasses in the serum and intestine of experimentally infected rats and mice. <i>Experimental Parasitology</i> , <b>2007</b> , 116, 390-8	2.1	30
42	Critical steps in fungal cell wall synthesis: strategies for their inhibition <b>1993</b> , 60, 337-45		28
41	Wall formation by <i>Candida albicans</i> yeast cells: synthesis, secretion and incorporation of two types of mannoproteins. <i>Journal of General Microbiology</i> , <b>1993</b> , 139, 2985-93		27
40	Th17 responses in <i>Echinostoma caproni</i> infections in hosts of high and low compatibility. <i>Experimental Parasitology</i> , <b>2011</b> , 129, 307-11	2.1	25
39	Highlights of the SB Paulo ISEV workshop on extracellular vesicles in cross-kingdom communication. <i>Journal of Extracellular Vesicles</i> , <b>2017</b> , 6, 1407213	16.4	24
38	The transcriptome analysis of <i>Strongyloides stercoralis</i> L3i larvae reveals targets for intervention in a neglected disease. <i>PLoS Neglected Tropical Diseases</i> , <b>2012</b> , 6, e1513	4.8	24
37	Kinetics of antibodies and antigens in serum of mice experimentally infected with <i>Echinostoma caproni</i> (Trematoda: Echinostomatidae). <i>Journal of Parasitology</i> , <b>2005</b> , 91, 978-80	0.9	24
36	Kinetics of <i>Echinostoma caproni</i> (Trematoda: Echinostomatidae) antigens in feces and serum of experimentally infected hamsters and rats. <i>Journal of Parasitology</i> , <b>2004</b> , 90, 752-8	0.9	24
35	Development of an antibody-based capture enzyme-linked immunosorbent assay for detecting <i>Echinostoma caproni</i> (Trematoda) in experimentally infected rats: kinetics of coproantigen excretion. <i>Journal of Parasitology</i> , <b>2003</b> , 89, 1227-31	0.9	24
34	Proteomic analysis of <i>Strongyloides stercoralis</i> L3 larvae. <i>Parasitology</i> , <b>2010</b> , 137, 1577-83	2.7	23
33	The future of Extracellular Vesicles as Theranostics - an ISEV meeting report. <i>Journal of Extracellular Vesicles</i> , <b>2020</b> , 9, 1809766	16.4	23
32	Plasma-derived extracellular vesicles from <i>Plasmodium vivax</i> patients signal spleen fibroblasts via NF- $\kappa$ B facilitating parasite cytoadherence. <i>Nature Communications</i> , <b>2020</b> , 11, 2761	17.4	22

31	Prevalence and risk factors related to intestinal parasites among children in Department of Rio San Juan, Nicaragua. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , <b>2014</b> , 108, 774-82	2	18
30	Molecular cloning and characterization of <i>Echinostoma caproni</i> heat shock protein-70 and differential expression in the parasite derived from low- and high-compatible hosts. <i>Parasitology</i> , <b>2008</b> , 135, 1469-77	2.7	17
29	Incorporation of specific wall proteins during yeast and mycelial protoplast regeneration in <i>Candida albicans</i> . <i>Archives of Microbiology</i> , <b>1994</b> , 161, 145-51	3	17
28	Specific immunohistochemical identification of <i>Candida albicans</i> in paraffin-embedded tissue with a new monoclonal antibody (1B12). <i>American Journal of Clinical Pathology</i> , <b>1995</b> , 103, 130-5	1.9	17
27	Transcytosis of <i>Bacillus subtilis</i> extracellular vesicles through an in vitro intestinal epithelial cell model. <i>Scientific Reports</i> , <b>2020</b> , 10, 3120	4.9	15
26	The transcriptome of <i>Echinostoma caproni</i> adults: further characterization of the secretome and identification of new potential drug targets. <i>Journal of Proteomics</i> , <b>2013</b> , 89, 202-14	3.9	15
25	Screening trematodes for novel intervention targets: a proteomic and immunological comparison of <i>Schistosoma haematobium</i> , <i>Schistosoma bovis</i> and <i>Echinostoma caproni</i> . <i>Parasitology</i> , <b>2011</b> , 138, 1607-19	2.7	12
24	A <i>Candida albicans</i> 37 kDa polypeptide with homology to the laminin receptor is a component of the translational machinery. <i>Microbiology (United Kingdom)</i> , <b>1998</b> , 144 ( Pt 4), 839-847	2.9	12
23	Incorporation of specific wall proteins during yeast and mycelial protoplast regeneration in. <i>Archives of Microbiology</i> , <b>1994</b> , 161, 145	3	12
22	<i>Echinostoma caproni</i> : differential tegumental responses to growth in compatible and less compatible hosts. <i>Experimental Parasitology</i> , <b>2010</b> , 125, 304-9	2.1	10
21	Diversity of extracellular vesicles from different developmental stages of <i>Fasciola hepatica</i> . <i>International Journal for Parasitology</i> , <b>2020</b> , 50, 663-669	4.3	9
20	Protective immunity against <i>Echinostoma caproni</i> in rats is induced by <i>Syphacia muris</i> infection. <i>International Journal for Parasitology</i> , <b>2013</b> , 43, 453-63	4.3	9
19	Proteomic analysis of the pinworm <i>Syphacia muris</i> (Nematoda: Oxyuridae), a parasite of laboratory rats. <i>Parasitology International</i> , <b>2012</b> , 61, 561-4	2.1	7
18	First ultrastructural data on the human tapeworm <i>Taenia asiatica</i> eggs by scanning and transmission electron microscopy (SEM, TEM). <i>Parasitology Research</i> , <b>2016</b> , 115, 3649-55	2.4	6
17	Reprint of "EXOSOME LEVELS IN HUMAN BODY FLUIDS: A TUMOR MARKER BY THEMSELVES?". <i>European Journal of Pharmaceutical Sciences</i> , <b>2017</b> , 98, 64-69	5.1	6
16	Specific tyrosine phosphorylation in response to bile in <i>Fasciola hepatica</i> and <i>Echinostoma friedi</i> . <i>Experimental Parasitology</i> , <b>2004</b> , 106, 56-8	2.1	6
15	Overview of the interaction of helminth extracellular vesicles with the host and their potential functions and biological applications. <i>Molecular Immunology</i> , <b>2021</b> , 134, 228-235	4.3	5
14	<i>Echinostomes</i> : genomics and proteomics <b>2009</b> , 207-228		4

13	Zygocotyle lunata: proteomic analysis of the adult stage. <i>Experimental Parasitology</i> , <b>2011</b> , 128, 133-7	2.1	3
12	Extracellular non-coding RNA signatures of the metacystode stage of Echinococcus multilocularis. <i>PLoS Neglected Tropical Diseases</i> , <b>2020</b> , 14, e0008890	4.8	3
11	Trichuris trichiura egg extract proteome reveals potential diagnostic targets and immunomodulators. <i>PLoS Neglected Tropical Diseases</i> , <b>2021</b> , 15, e0009221	4.8	3
10	Morphological and molecular characterization of Paragonimus caliensis Little, 1968 (Trematoda: Paragonimidae) from Medellin and Pichinde, Colombia. <i>Acta Tropica</i> , <b>2018</b> , 183, 95-102	3.2	2
9	Preparation of Anti-protein and Anti-mannan Antisera against Fungal Cell Wall by Affinity Chromatography. <i>Experimental Mycology</i> , <b>1994</b> , 18, 159-167		2
8	Pathogens and extracellular vesicles: New paths and challenges to understanding and treating diseases. Editorial opinion. <i>Molecular Immunology</i> , <b>2021</b> , 139, 155-156	4.3	2
7	Cellular immune responses in Echinostoma caproni experimentally infected mice. <i>Parasitology Research</i> , <b>2012</b> , 110, 1033-6	2.4	1
6	First Symposium of "Grupo Español de Investigación en Vesículas Extracelulares (GEIVEX)", Segovia, 8-9 November 2012. <i>Journal of Extracellular Vesicles</i> , <b>2013</b> , 2, 20256	16.4	1
5	Analysis of the tegument of Zygocotyle lunata (Trematoda: Paramphistomidae) adults by scanning electron microscopy. <i>Journal of Parasitology</i> , <b>2012</b> , 98, 1287-90	0.9	1
4	Cloning and characterization of the phenylalanyl-tRNA synthetase beta subunit gene from Candida albicans. <i>FEMS Microbiology Letters</i> , <b>1998</b> , 161, 179-85	2.9	1
3	Molecular Profile Study of Extracellular Vesicles for the Identification of Useful Small Molecules in Cancer Diagnosis. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 10787	2.6	0
2	Isolation and characterization of urine microvesicles from prostate cancer patients: different approaches, different visions. <i>BMC Urology</i> , <b>2021</b> , 21, 137	2.2	0
1	Isolation and Analysis of Fasciola hepatica Extracellular Vesicles. <i>Methods in Molecular Biology</i> , <b>2020</b> , 2137, 37-50	1.4	