

# Brendan Loftus

## List of Publications by Year in descending order

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38  
papers

12,828  
citations

117625

34  
h-index

315739

38  
g-index

38  
all docs

38  
docs citations

38  
times ranked

12844  
citing authors

#	ARTICLE	IF	CITATIONS
1	The complete genome sequence of the gastric pathogen <i>Helicobacter pylori</i> . <i>Nature</i> , 1997, 388, 539-547.	27.8	3,405
2	The Genome Sequence of the Malaria Mosquito <i>Anopheles gambiae</i> . <i>Science</i> , 2002, 298, 129-149.	12.6	1,859
3	The complete genome sequence of the hyperthermophilic, sulphate-reducing archaeon <i>Archaeoglobus fulgidus</i> . <i>Nature</i> , 1997, 390, 364-370.	27.8	1,460
4	Complete Genome Sequence of a Virulent Isolate of <i>Streptococcus pneumoniae</i> . <i>Science</i> , 2001, 293, 498-506.	12.6	1,281
5	Genome Sequence of <i>Aedes aegypti</i> , a Major Arbovirus Vector. <i>Science</i> , 2007, 316, 1718-1723.	12.6	1,025
6	The genome of the protist parasite <i>Entamoeba histolytica</i> . <i>Nature</i> , 2005, 433, 865-868.	27.8	783
7	The transcriptional landscape and small RNAs of <i>Salmonella enterica</i> serovar Typhimurium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E1277-86.	7.1	373
8	Methicillin Resistance Alters the Biofilm Phenotype and Attenuates Virulence in <i>Staphylococcus aureus</i> Device-Associated Infections. <i>PLoS Pathogens</i> , 2012, 8, e1002626.	4.7	237
9	Mycobacterial Lineages Causing Pulmonary and Extrapulmonary Tuberculosis, Ethiopia. <i>Emerging Infectious Diseases</i> , 2013, 19, 460-463.	4.3	215
10	Molecular basis for the specification of floral organs by APETALA3 and PISTILLATA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 13452-13457.	7.1	204
11	Control of Reproductive Floral Organ Identity Specification in <i>Arabidopsis</i> by the C Function Regulator AGAMOUS A. <i>Plant Cell</i> , 2013, 25, 2482-2503.	6.6	169
12	The Intestinal Protozoan Parasite <i>Entamoeba histolytica</i> Contains 20 Cysteine Protease Genes, of Which Only a Small Subset Is Expressed during In Vitro Cultivation. <i>Eukaryotic Cell</i> , 2003, 2, 501-509.	3.4	157
13	A spliceosomal intron in <i>Giardia lamblia</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 3701-3705.	7.1	151
14	Identification and characterization of the genetic changes responsible for the characteristic smooth to rough morphotype alterations of clinically persistent <i>Mycobacterium abscessus</i> . <i>Molecular Microbiology</i> , 2013, 90, 612-629.	2.5	142
15	Evidence for Lateral Transfer of Genes Encoding Ferredoxins, Nitroreductases, NADH Oxidase, and Alcohol Dehydrogenase 3 from Anaerobic Prokaryotes to <i>Giardia lamblia</i> and <i>Entamoeba histolytica</i> . <i>Eukaryotic Cell</i> , 2002, 1, 181-190.	3.4	121
16	The diversity of Rab GTPases in <i>Entamoeba histolytica</i> . <i>Experimental Parasitology</i> , 2005, 110, 244-252.	1.2	120
17	The <i>Aedes aegypti</i> glutathione transferase family. <i>Insect Biochemistry and Molecular Biology</i> , 2007, 37, 1026-1035.	2.7	106
18	Evidence for an early endometrial response to pregnancy in cattle: both dependent upon and independent of interferon tau. <i>Physiological Genomics</i> , 2012, 44, 799-810.	2.3	88

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19	Sequencing Illustrates the Transcriptional Response of <i>Legionella pneumophila</i> during Infection and Identifies Seventy Novel Small Non-Coding RNAs. <i>PLoS ONE</i> , 2011, 6, e17570.	2.5	76
20	Intermediate Subunit of the Gal/GalNAc Lectin of <i>Entamoeba histolytica</i> Is a Member of a Gene Family Containing Multiple CXXC Sequence Motifs. <i>Infection and Immunity</i> , 2001, 69, 5892-5898.	2.2	75
21	Gene Discovery in the Genome. <i>Protist</i> , 2005, 156, 203-214.	1.5	74
22	European 2 "A clonal complex of <i>Mycobacterium bovis</i> dominant in the Iberian Peninsula. <i>Infection, Genetics and Evolution</i> , 2012, 12, 866-872.	2.3	74
23	A Complete Mitochondrial Genome Sequence from a Mesolithic Wild Aurochs ( <i>Bos primigenius</i> ). <i>PLoS ONE</i> , 2010, 5, e9255.	2.5	73
24	Effect of the metabolic environment at key stages of follicle development in cattle: focus on steroid biosynthesis. <i>Physiological Genomics</i> , 2012, 44, 504-517.	2.3	58
25	<i>Entamoeba histolytica</i> : Observations on metabolism based on the genome sequence. <i>Experimental Parasitology</i> , 2005, 110, 173-177.	1.2	55
26	Gene discovery in the <i>Entamoeba invadens</i> genome. <i>Molecular and Biochemical Parasitology</i> , 2003, 129, 23-31.	1.1	54
27	Unique organisation of tRNA genes in <i>Entamoeba histolytica</i> . <i>Molecular and Biochemical Parasitology</i> , 2006, 146, 24-29.	1.1	54
28	Iron-Dependent Hydrogenases of <i>Entamoeba histolytica</i> and <i>Giardia lamblia</i> : Activity of the Recombinant Entamoebic Enzyme and Evidence for Lateral Gene Transfer. <i>Biological Bulletin</i> , 2003, 204, 1-9.	1.8	47
29	<i>Aedes aegypti</i> genomics. <i>Insect Biochemistry and Molecular Biology</i> , 2004, 34, 715-721.	2.7	44
30	LINEs and SINE-like elements of the protist <i>Entamoeba histolytica</i> . <i>Gene</i> , 2002, 297, 229-239.	2.2	43
31	Inhibition of 3-Hydroxy-3-Methylglutaryl"Coenzyme A Reductase and Application of Statins as a Novel Effective Therapeutic Approach against <i>Acanthamoeba</i> Infections. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 375-381.	3.2	41
32	<i>Entamoeba histolytica</i> Lectins Contain Unique 6-Cys or 8-Cys Chitin-Binding Domains. <i>Infection and Immunity</i> , 2002, 70, 3259-3263.	2.2	40
33	<i>Entamoeba histolytica</i> : sequence conservation of the Gal/GalNAc lectin from clinical isolates. <i>Experimental Parasitology</i> , 2002, 101, 157-163.	1.2	40
34	Sequencing and analysis of an Irish human genome. <i>Genome Biology</i> , 2010, 11, R91.	9.6	36
35	Characterization of a prion protein (PrP) gene from rabbit; a species with apparent resistance to infection by prions. <i>Gene</i> , 1997, 184, 215-219.	2.2	33
36	Delineating transcriptional networks of prognostic gene signatures refines treatment recommendations for lymph node"negative breast cancer patients. <i>FEBS Journal</i> , 2015, 282, 3455-3473.	4.7	12

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37	A katG S315T or an ahpC promoter mutation mediate Mycobacterium tuberculosis resistance to 2-thiophen carboxylic acid hydrazide, an inhibitor resembling the anti-tubercular drugs Isoniazid and Ethionamide. Tuberculosis, 2018, 112, 69-78.	1.9	2
38	Genome Sequencing, Assembly and Gene Prediction in Fungi. Applied Mycology and Biotechnology, 2003, 3, 65-81.	0.3	1