Marc Ouellette

List of Publications by Year
in descending order

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208	13,772	13827 67	25716 108
papers	citations	h-index	g-index

209	209	209	9740
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Simvastatin Resistance of Leishmania amazonensis Induces Sterol Remodeling and Cross-Resistance to Sterol Pathway and Serine Protease Inhibitors. Microorganisms, 2022, 10, 398.	1.6	2
2	Nondegradable Antimicrobial Silver-Based Perovskite. ACS Sustainable Chemistry and Engineering, 2022, 10, 4922-4928.	3.2	0
3	Mutations in an Aquaglyceroporin as a Proven Marker of Antimony Clinical Resistance in the Parasite Leishmania donovani. Clinical Infectious Diseases, 2021, 72, e526-e532.	2.9	21
4	Combined gene deletion of dihydrofolate reductase-thymidylate synthase and pteridine reductase in Leishmania infantum. PLoS Neglected Tropical Diseases, 2021, 15, e0009377.	1.3	7
5	Identification of Resistance Determinants for a Promising Antileishmanial Oxaborole Series. Microorganisms, 2021, 9, 1408.	1.6	8
6	Well-Tolerated Amphotericin B Derivatives That Effectively Treat Visceral Leishmaniasis. ACS Infectious Diseases, 2021, 7, 2472-2482.	1.8	3
7	Decreased glutamate transport in acivicin resistant Leishmania tarentolae. PLoS Neglected Tropical Diseases, 2021, 15, e0010046.	1.3	3
8	Exploiting antimicrobial resistance. EMBO Reports, 2020, 21, e50249.	2.0	4
9	MRPA-independent mechanisms of antimony resistance in Leishmania infantum. International Journal for Parasitology: Drugs and Drug Resistance, 2020, 13, 28-37.	1.4	19
10	New insights in the mode of action of anti-leishmanial drugs by using chemical mutagenesis screens coupled to next-generation sequencing. Microbial Cell, 2020, 7, 59-61.	1.4	6
11	Azithromycin resistance mutations in Streptococcus pneumoniae as revealed by a chemogenomic screen. Microbial Genomics, 2020, 6, .	1.0	3
12	Genomewide Analysis of Mode of Action of the S -Adenosylmethionine Analogue Sinefungin in Leishmania infantum. MSystems, 2019, 4, .	1.7	13
13	Cos-Seq: A High-Throughput Gain-of-Function Screen for Drug Resistance Studies in Leishmania. Methods in Molecular Biology, 2019, 1971, 141-167.	0.4	6
14	Culture-enriched human gut microbiomes reveal core and accessory resistance genes. Microbiome, 2019, 7, 56.	4.9	23
15	Gain- and Loss-of-Function Screens Coupled to Next-Generation Sequencing for Antibiotic Mode of Action and Resistance Studies in Streptococcus pneumoniae. Antimicrobial Agents and Chemotherapy, 2019, 63, .	1.4	6
16	Chemogenomic Screen for Imipenem Resistance in Gram-Negative Bacteria. MSystems, 2019, 4, .	1.7	6
17	Coupling chemical mutagenesis to next generation sequencing for the identification of drug resistance mutationsÂin Leishmania. Nature Communications, 2019, 10, 5627.	5.8	37
18	High-throughput Cos-Seq screen with intracellular Leishmania infantum for the discovery of novel drug-resistance mechanisms. International Journal for Parasitology: Drugs and Drug Resistance, 2018, 8, 165-173.	1.4	37

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19	New insights with miltefosine unresponsiveness in Brazilian Leishmania infantum isolates. EBioMedicine, 2018, 37, 13-14.	2.7	5
20	Coupling next-generation sequencing to dominant positive screens for finding antibiotic cellular targets and resistance mechanisms in Escherichia coli. Microbial Genomics, 2018, 4, .	1.0	6
21	Inhibition of MRSA and of Clostridium difficile by durancin 61A: synergy with bacteriocins and antibiotics. Future Microbiology, 2017, 12, 205-212.	1.0	48
22	Drug Resistance in Leishmania. , 2017, , 313-341.		7
23	Complete Genome Sequence of Streptococcus pneumoniae Virulent Phage MS1. Genome Announcements, 2017, 5, .	0.8	10
24	Penicillin induces alterations in glutamine metabolism in Streptococcus pneumoniae. Scientific Reports, 2017, 7, 14587.	1.6	24
25	Drug Resistance Assays for Parasitic Diseases. , 2017, , 1409-1463.		7
26	Chromosomal Translocations in the Parasite Leishmania by a MRE11/RAD50-Independent Microhomology-Mediated End Joining Mechanism. PLoS Genetics, 2016, 12, e1006117.	1.5	28
27	Different Mutations in a P-type ATPase Transporter in Leishmania Parasites are Associated with Cross-resistance to Two Leading Drugs by Distinct Mechanisms. PLoS Neglected Tropical Diseases, 2016, 10, e0005171.	1.3	48
28	Coordinating funding in public health emergencies. Lancet, The, 2016, 387, 2197-2198.	6.3	12
29	Cos-Seq for high-throughput identification of drug target and resistance mechanisms in the protozoan parasite Leishmania. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E3012-21.	3.3	76
30	Use of phylogenetical analysis to predict susceptibility of pathogenic Candida spp. to antifungal drugs. Journal of Microbiological Methods, 2016, 131, 51-60.	0.7	1
31	Deep-sequencing revealing mutation dynamics in the miltefosine transporter gene in Leishmania infantum selected for miltefosine resistance. Parasitology Research, 2016, 115, 3699-3703.	0.6	16
32	The initial state of the human gut microbiome determines its reshaping by antibiotics. ISME Journal, 2016, 10, 707-720.	4.4	251
33	Nisin is an effective inhibitor of Clostridium difficile vegetative cells and spore germination. Journal of Medical Microbiology, 2016, 65, 169-175.	0.7	71
34	Plasticity of the Leishmania genome leading to gene copy number variations and drug resistance. F1000Research, 2016, 5, 2350.	0.8	111
35	Roles of Rad51 paralogs for promoting homologous recombination in Leishmania infantum. Nucleic Acids Research, 2015, 43, 2701-2715.	6.5	23
36	A genomic approach to understand interactions between Streptococcus pneumoniae and its bacteriophages. BMC Genomics, 2015, 16, 972.	1.2	16

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37	Mitochondrial Proteomics of Antimony and Miltefosine Resistant Leishmania infantum. Proteomes, 2015, 3, 328-346.	1.7	30
38	On Lactococcus lactis UL719 competitivity and nisin (NisaplinÂ®) capacity to inhibit Clostridium difficile in a model of human colon. Frontiers in Microbiology, 2015, 6, 1020.	1.5	29
39	Next Generation Vaccine Biomarkers workshop October 30â€“31, 2014 â€“ Ottawa, Canada. Human Vaccines and Immunotherapeutics, 2015, 11, 2923-2930.	1.4	0
40	Inactivation of the cytosolic and mitochondrial serine hydroxymethyl transferase genes in Leishmania major. Molecular and Biochemical Parasitology, 2015, 204, 106-110.	0.5	3
41	Intrachromosomal Amplification, Locus Deletion and Point Mutation in the Aquaglyceroporin AQP1 Gene in Antimony Resistant Leishmania (Viannia) guyanensis. PLoS Neglected Tropical Diseases, 2015, 9, e0003476.	1.3	62
42	Generation of an aquaglyceroporin AQP1 null mutant in Leishmania major. Molecular and Biochemical Parasitology, 2015, 201, 108-111.	0.5	18
43	Differences in Antibiotic-Induced Oxidative Stress Responses between Laboratory and Clinical Isolates of Streptococcus pneumoniae. Antimicrobial Agents and Chemotherapy, 2015, 59, 5420-5426.	1.4	24
44	Induced tigecycline resistance inStreptococcus pneumoniaemutants reveals mutations in ribosomal proteins and rRNA. Journal of Antimicrobial Chemotherapy, 2015, 70, 2973-2980.	1.3	47
45	Multiple mutations and increased RNA expression in tetracycline-resistant Streptococcus pneumoniae as determined by genome-wide DNA and mRNA sequencing. Journal of Antimicrobial Chemotherapy, 2015, 70, 1946-1959.	1.3	22
46	Drug resistance analysis by next generation sequencing in Leishmania. International Journal for Parasitology: Drugs and Drug Resistance, 2015, 5, 26-35.	1.4	66
47	Separation of Basic Proteins from Leishmania Using a Combination of Free Flow Electrophoresis (FFE) and 2D Electrophoresis (2-DE) Under Basic Conditions. Methods in Molecular Biology, 2015, 1201, 247-259.	0.4	2
48	Genomic Analyses of DNA Transformation and Penicillin Resistance in Streptococcus pneumoniae Clinical Isolates. Antimicrobial Agents and Chemotherapy, 2014, 58, 1397-1403.	1.4	24
49	Drug Resistance in Leishmania. , 2014, , 1-24.		4
50	Formation of Linear Amplicons with Inverted Duplications in Leishmania Requires the MRE11 Nuclease. PLoS Genetics, 2014, 10, e1004805.	1.5	23
51	Genome-Wide Stochastic Adaptive DNA Amplification at Direct and Inverted DNA Repeats in the Parasite Leishmania. PLoS Biology, 2014, 12, e1001868.	2.6	130
52	The impact of distinct culture media inLeishmania infantumbiology and infectivity. Parasitology, 2014, 141, 192-205.	0.7	28
53	DNA Repair Pathways in Trypanosomatids: from DNA Repair to Drug Resistance. Microbiology and Molecular Biology Reviews, 2014, 78, 40-73.	2.9	79
54	Proteomic analysis of metacyclogenesis in Leishmania infantum wild-type and PTR1 null mutant. EuPA Open Proteomics, 2014, 4, 171-183.	2.5	10

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55	Untargeted metabolomic analysis of miltefosine action in Leishmania infantum reveals changes to the internal lipid metabolism. International Journal for Parasitology: Drugs and Drug Resistance, 2014, 4, 20-27.	1.4	58
56	Quantitative proteomic analysis of amphotericin B resistance in Leishmania infantum. International Journal for Parasitology: Drugs and Drug Resistance, 2014, 4, 126-132.	1.4	71
57	Gene expression modulation and the molecular mechanisms involved in <scp>N</scp>elfinavir resistance in <scp>L</scp>eishmania donovani axenic amastigotes. Molecular Microbiology, 2013, 89, 565-582.	1.2	15
58	Telomeric gene deletion and intrachromosomal amplification in antimonyâ€resistant <scp>L</scp>eishmania. Molecular Microbiology, 2013, 88, 189-202.	1.2	62
59	Genomic Characterization of Ciprofloxacin Resistance in a Laboratory-Derived Mutant and a Clinical Isolate of Streptococcus pneumoniae. Antimicrobial Agents and Chemotherapy, 2013, 57, 4911-4919.	1.4	23
60	Exoproteome dynamics in Leishmania infantum. Journal of Proteomics, 2013, 84, 106-118.	1.2	44
61	Genomic analysis and reconstruction of cefotaxime resistance in Streptococcus pneumoniae. Journal of Antimicrobial Chemotherapy, 2013, 68, 1718-1727.	1.3	20
62	Gene Amplification and Point Mutations in Pyrimidine Metabolic Genes in 5-Fluorouracil Resistant Leishmania infantum. PLoS Neglected Tropical Diseases, 2013, 7, e2564.	1.3	24
63	Proteomic and Genomic Analyses of Antimony Resistant Leishmania infantum Mutant. PLoS ONE, 2013, 8, e81899.	1.1	63
64	Multiple Mutations in Heterogeneous Miltefosine-Resistant Leishmania major Population as Determined by Whole Genome Sequencing. PLoS Neglected Tropical Diseases, 2012, 6, e1512.	1.3	84
65	Genetic Polymorphisms and Drug Susceptibility in Four Isolates of Leishmania tropica Obtained from Canadian Soldiers Returning from Afghanistan. PLoS Neglected Tropical Diseases, 2012, 6, e1463.	1.3	16
66	Generation of Leishmania Hybrids by Whole Genomic DNA Transformation. PLoS Neglected Tropical Diseases, 2012, 6, e1817.	1.3	11
67	Interactions between BRCA2 and RAD51 for promoting homologous recombination in Leishmania infantum. Nucleic Acids Research, 2012, 40, 6570-6584.	6.5	32
68	Genome sequencing of the lizard parasite Leishmania tarentolae reveals loss of genes associated to the intracellular stage of human pathogenic species. Nucleic Acids Research, 2012, 40, 1131-1147.	6.5	135
69	Analysis of Membrane-Enriched and High Molecular Weight Proteins inLeishmania infantumPromastigotes and Axenic Amastigotes. Journal of Proteome Research, 2012, 11, 3974-3985.	1.8	22
70	Discovery of factors linked to antimony resistance in Leishmania panamensis through differential proteome analysis. Molecular and Biochemical Parasitology, 2012, 183, 166-176.	0.5	73
71	Tolerance to drug-induced cell death favours the acquisition of multidrug resistance in Leishmania. Cell Death and Disease, 2011, 2, e201-e201.	2.7	91
72	ABC transporters involved in drug resistance in human parasites. Essays in Biochemistry, 2011, 50, 121-144.	2.1	29

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73	Proteomic and Transcriptomic Analysis of Linezolid Resistance in Streptococcus pneumoniae. Journal of Proteome Research, 2011, 10, 4439-4452.	1.8	17
74	Whole genome sequencing of penicillin-resistant Streptococcus pneumoniae reveals mutations in penicillin-binding proteins and in a putative iron permease. Genome Biology, 2011, 12, R115.	13.9	30
75	Whole genome analysis of linezolid resistance in Streptococcus pneumoniae reveals resistance and compensatory mutations. BMC Genomics, 2011, 12, 512.	1.2	64
76	Genome Annotation and Intraviral Interactome for the Streptococcus pneumoniae Virulent Phage Dp-1. Journal of Bacteriology, 2011, 193, 551-562.	1.0	50
77	Intrachromosomal tandem duplication and repeat expansion during attempts to inactivate the subtelomeric essential gene GSH1 in Leishmania. Nucleic Acids Research, 2011, 39, 7499-7511.	6.5	23
78	Gene Expression Profiling and Molecular Characterization of Antimony Resistance in Leishmania amazonensis. PLoS Neglected Tropical Diseases, 2011, 5, e1167.	1.3	69
79	The Canadian Institutes of Health Research institute of infection and immunity response to the threat of antimicrobial resistance. Revista Panamericana De Salud Publica/Pan American Journal of Public Health, 2011, 30, 663-664.	0.6	0
80	Structureâ€“function analysis of the highly conserved charged residues of the membrane protein FT1, the main folic acid transporter of the protozoan parasite Leishmania. Biochemical Pharmacology, 2010, 79, 30-38.	2.0	13
81	High Affinity S-Adenosylmethionine Plasma Membrane Transporter of Leishmania Is a Member of the Folate Biopterin Transporter (FBT) Family. Journal of Biological Chemistry, 2010, 285, 19767-19775.	1.6	27
82	Nelfinavir, an HIV-1 Protease Inhibitor, Induces Oxidative Stressâ€“Mediated, Caspase-Independent Apoptosis in Leishmania Amastigotes. PLoS Neglected Tropical Diseases, 2010, 4, e642.	1.3	34
83	Analysis of Stage-Specific Expression of Basic Proteins in Leishmania infantum. Journal of Proteome Research, 2010, 9, 3842-3853.	1.8	43
84	Parasite Susceptibility to Amphotericin B in Failures of Treatment for Visceral Leishmaniasis in Patients Coinfected with HIV Type 1 andLeishmania infantum. Clinical Infectious Diseases, 2009, 48, e16-e22.	2.9	107
85	Intracellular Localization of the ABCC Proteins of Leishmania and Their Role in Resistance to Antimonials. Antimicrobial Agents and Chemotherapy, 2009, 53, 2646-2649.	1.4	45
86	Genome sequencing of linezolid-resistant Streptococcus pneumoniae mutants reveals novel mechanisms of resistance. Genome Research, 2009, 19, 1214-1223.	2.4	87
87	Whole-genome comparative RNA expression profiling of axenic and intracellular amastigote forms of Leishmania infantum. Molecular and Biochemical Parasitology, 2009, 165, 32-47.	0.5	95
88	Down regulation of KMP-11 in Leishmania infantum axenic antimony resistant amastigotes as revealed by a proteomic screen. Experimental Parasitology, 2009, 123, 51-57.	0.5	47
89	The role of reduced pterins in resistance to reactive oxygen and nitrogen intermediates in the protozoan parasite Leishmania. Free Radical Biology and Medicine, 2009, 46, 367-375.	1.3	36
90	Coordinated gene expression by post-transcriptional regulons in African trypanosomes. Journal of Biology, 2009, 8, 100.	2.7	52

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91	The Î³â€glutamylcysteine synthetase gene of Leishmania is essential and involved in response to oxidants. Molecular Microbiology, 2009, 74, 914-927.	1.2	65
92	Gene expression modulation is associated with gene amplification, supernumerary chromosomes and chromosome loss in antimony-resistant Leishmania infantum. Nucleic Acids Research, 2009, 37, 1387-1399.	6.5	153
93	Genome-wide gene expression profiling analysis of Leishmania major and Leishmania infantum developmental stages reveals substantial differences between the two species. BMC Genomics, 2008, 9, 255.	1.2	122
94	A protein of the leucine-rich repeats (LRRs) superfamily is implicated in antimony resistance in Leishmania infantum amastigotes. Molecular and Biochemical Parasitology, 2008, 158, 95-99.	0.5	20
95	Functional analysis and complex gene rearrangements of the folate/biopterin transporter (FBT) gene family in the protozoan parasite Leishmania. Molecular and Biochemical Parasitology, 2008, 162, 155-164.	0.5	23
96	Modulation of gene expression in drug resistant Leishmania is associated with gene amplification, gene deletion and chromosome aneuploidy. Genome Biology, 2008, 9, R115.	13.9	140
97	Modulation of Gene Expression in Human Macrophages Treated with the Anti- Leishmania Pentavalent Antimonial Drug Sodium Stibogluconate. Antimicrobial Agents and Chemotherapy, 2008, 52, 526-533.	1.4	35
98	Divergence among Genes Encoding the Elongation Factor Tu of Yersinia Species. Journal of Bacteriology, 2008, 190, 7548-7558.	1.0	22
99	Intracellular Survival ofLeishmaniaSpecies That Cause Visceral Leishmaniasis Is Significantly Reduced by HIVâ€1 Protease Inhibitors. Journal of Infectious Diseases, 2008, 198, 1292-1299.	1.9	64
100	Use of Oral Miltefosine for Cutaneous Leishmaniasis in Canadian Soldiers Returning from Afghanistan. Canadian Journal of Infectious Diseases and Medical Microbiology, 2008, 19, 394-396.	0.7	29
101	Involvement of Dcr1 in post-transcriptional regulation of gene expression in Schizosaccharomyces pombe. Frontiers in Bioscience - Landmark, 2008, 13, 2203.	3.0	8
102	Role of the ABC Transporter PRP1 (ABCC7) in Pentamidine Resistance in Leishmania Amastigotes. Antimicrobial Agents and Chemotherapy, 2007, 51, 3030-3032.	1.4	53
103	HIVâ€1 Replication Is Stimulated by Sodium Stibogluconate, the Therapeutic Mainstay in the Treatment of Leishmaniasis. Journal of Infectious Diseases, 2007, 195, 236-245.	1.9	20
104	A Proteomics Screen Implicates HSP83 and a Small Kinetoplastid Calpain-related Protein in Drug Resistance in Leishmania donovani Clinical Field Isolates by Modulating Drug-induced Programmed Cell Death. Molecular and Cellular Proteomics, 2007, 6, 88-101.	2.5	149
105	A recombinant non-pathogenic Leishmania vaccine expressing human immunodeficiency virus 1 (HIV-1) Gag elicits cell-mediated immunity in mice and decreases HIV-1 replication in human tonsillar tissue following exposure to HIV-1 infection. Journal of General Virology, 2007, 88, 217-225.	1.3	45
106	Comparative Proteomics Analyses Reveal a Potential Biomarker for the Detection of Vancomycin-Intermediate Staphylococcus aureus Strains. Journal of Proteome Research, 2007, 6, 4690-4702.	1.8	56
107	Biochemical characterization of Leishmania major aquaglyceroporin LmAQP1: possible role in volume regulation and osmotaxis. Molecular Microbiology, 2007, 65, 1006-1017.	1.2	105
108	Glucantime-resistant Leishmania tropica isolated from Iranian patients with cutaneous leishmaniasis are sensitive to alternative antileishmania drugs. Parasitology Research, 2007, 101, 1319-1322.	0.6	69

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109	Prefractionation by Digitonin Extraction Increases Representation of the Cytosolic and Intracellular Proteome ofLeishmaniainfantum. Journal of Proteome Research, 2006, 5, 1741-1750.	1.8	48
110	Resistance of Leishmania donovani to Sodium Stibogluconate Is Related to the Expression of Host and Parasite Î³-Glutamylcysteine Synthetase. Antimicrobial Agents and Chemotherapy, 2006, 50, 88-95.	1.4	47
111	Unresponsiveness to Glucantime Treatment in Iranian Cutaneous Leishmaniasis due to Drug-Resistant Leishmania tropica Parasites. PLoS Medicine, 2006, 3, e162.	3.9	231
112	A combined proteomic and transcriptomic approach to the study of stage differentiation inLeishmania infantum. Proteomics, 2006, 6, 3567-3581.	1.3	148
113	Identification of developmentally-regulated proteins in Leishmania panamensis by proteome profiling of promastigotes and axenic amastigotes. Molecular and Biochemical Parasitology, 2006, 147, 64-73.	0.5	82
114	Stage specific gene expression and cellular localization of two isoforms of the serine hydroxymethyltransferase in the protozoan parasite Leishmania. Molecular and Biochemical Parasitology, 2006, 150, 63-71.	0.5	20
115	Modulation of Leishmania ABC Protein Gene Expression through Life Stages and among Drug-Resistant Parasites. Eukaryotic Cell, 2006, 5, 1713-1725.	3.4	97
116	Resistance to Antimony and Treatment Failure in HumanLeishmania (Viannia)Infection. Journal of Infectious Diseases, 2006, 193, 1375-1383.	1.9	161
117	Role of ABC transporter MRPA, Â-glutamylcysteine synthetase and ornithine decarboxylase in natural antimony-resistant isolates of Leishmania donovani. Journal of Antimicrobial Chemotherapy, 2006, 59, 204-211.	1.3	153
118	In primary human monocyte-derived macrophages exposed to Human immunodeficiency virus type 1, does the increased intracellular growth of Leishmania infantum rely on its enhanced uptake?. Journal of General Virology, 2006, 87, 1295-1302.	1.3	22
119	Modulation in aquaglyceroporinAQP1gene transcript levels in drug-resistantLeishmania. Molecular Microbiology, 2005, 57, 1690-1699.	1.2	137
120	A proteomic analysis of penicillin resistance in Streptococcus pneumoniae reveals a novel role for PstS, a subunit of the phosphate ABC transporter. Molecular Microbiology, 2005, 58, 1430-1440.	1.2	43
121	Correlation between microarray DNA hybridization efficiency and the position of short capture probe on the target nucleic acid. BioTechniques, 2005, 39, 89-96.	0.8	41
122	Phylogeny of the Enterobacteriaceae based on genes encoding elongation factor Tu and F-ATPase Î²-subunit. International Journal of Systematic and Evolutionary Microbiology, 2005, 55, 2013-2025.	0.8	97
123	Microfluidic Device for Rapid (<15 min) Automated Microarray Hybridization. Clinical Chemistry, 2005, 51, 1836-1844.	1.5	103
124	Live Nonpathogenic Parasitic Vector as a Candidate Vaccine against Visceral Leishmaniasis. Infection and Immunity, 2005, 73, 6372-6382.	1.0	124
125	Role of the ABC Transporter MRPA (PGPA) in Antimony Resistance in Leishmania infantum Axenic and Intracellular Amastigotes. Antimicrobial Agents and Chemotherapy, 2005, 49, 1988-1993.	1.4	125
126	Use of tuf Sequences for Genus-Specific PCR Detection and Phylogenetic Analysis of 28 Streptococcal Species. Journal of Clinical Microbiology, 2004, 42, 3686-3695.	1.8	102

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127	Differential Protein Expression Analysis of Leishmania major Reveals Novel Roles for Methionine Adenosyltransferase and S-Adenosylmethionine in Methotrexate Resistance. Journal of Biological Chemistry, 2004, 279, 33273-33280.	1.6	59
128	Inactivation of the Leishmania tarentolae Pterin Transporter (BT1) and Reductase (PTR1) Genes Leads to Viable Parasites with Changes in Folate Metabolism and Hypersensitivity to the Antifolate Methotrexate. Journal of Biological Chemistry, 2004, 279, 18575-18582.	1.6	22
129	Leishmania major LmACR2 Is a Pentavalent Antimony Reductase That Confers Sensitivity to the Drug Pentostam. Journal of Biological Chemistry, 2004, 279, 37445-37451.	1.6	134
130	Growth Phase Regulation of the Main Folate Transporter of Leishmania infantum and Its Role in Methotrexate Resistance. Journal of Biological Chemistry, 2004, 279, 54494-54501.	1.6	54
131	Proteomics to Explore Pathogenesis and Drug Resistance Mechanisms in Protozoan Parasites. , 2004, , 367-390.		1
132	Drug Uptake and Modulation of Drug Resistance in Leishmania by an Aquaglyceroporin. Journal of Biological Chemistry, 2004, 279, 31010-31017.	1.6	232
133	The heat shock protein HSP70 and heat shock cognate protein HSC70 contribute to antimony tolerance in the protozoan parasite Leishmania. Cell Stress and Chaperones, 2004, 9, 294.	1.2	70
134	Leishmaniasis: drugs in the clinic, resistance and new developments. Drug Resistance Updates, 2004, 7, 257-266.	6.5	336
135	Thiol-induced reduction of antimony(V) into antimony(III): a comparative study with trypanothione, cysteinyl-glycine, cysteine and glutathione. BioMetals, 2003, 16, 441-446.	1.8	122
136	Effect of polyglutamylation of methotrexate on its accumulation and the development of resistance in the protozoan parasite Leishmania. Biochemical Pharmacology, 2003, 66, 999-1008.	2.0	15
137	Structure of pteridine reductase (PTR1) fromLeishmania tarentolae. Acta Crystallographica Section D: Biological Crystallography, 2003, 59, 1539-1544.	2.5	14
138	Modulation of gene expression in Leishmania drug resistant mutants as determined by targeted DNA microarrays. Nucleic Acids Research, 2003, 31, 5886-5896.	6.5	105
139	DRUG RESISTANCE MEDIATED BY ABC TRANSPORTERS IN PARASITES OF HUMANS. , 2003, , 317-333.		4
140	Proteome Mapping of the Protozoan Parasite Leishmania and Application to the Study of Drug Targets and Resistance Mechanisms. Molecular and Cellular Proteomics, 2003, 2, 146-155.	2.5	121
141	Real-Time PCR Assay for Detection of Fluoroquinolone Resistance Associated with grlA Mutations in Staphylococcus aureus. Journal of Clinical Microbiology, 2003, 41, 3246-3251.	1.8	20
142	Antimony Uptake Systems in the Protozoan Parasite Leishmania and Accumulation Differences in Antimony-Resistant Parasites. Antimicrobial Agents and Chemotherapy, 2003, 47, 3073-3079.	1.4	127
143	Recombinant Leishmania major Secreting Biologically Active Granulocyte-Macrophage Colony-Stimulating Factor Survives Poorly in Macrophages In Vitro and Delays Disease Development in Mice. Infection and Immunity, 2003, 71, 6499-6509.	1.0	39
144	Functional Cloning of the Miltefosine Transporter. Journal of Biological Chemistry, 2003, 278, 49965-49971.	1.6	189

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145	Drug resistance in parasites. , 2003, , 397-432.		5
146	A New Type of High Affinity Folic Acid Transporter in the Protozoan Parasite Leishmania and Deletion of Its Gene in Methotrexate-resistant Cells. Journal of Biological Chemistry, 2002, 277, 29460-29467.	1.6	52
147	Reduced Infectivity of a Leishmania donovani Biopterin Transporter Genetic Mutant and Its Use as an Attenuated Strain for Vaccination. Infection and Immunity, 2002, 70, 62-68.	1.0	96
148	Pterin transport and metabolism in Leishmania and related trypanosomatid parasites. International Journal for Parasitology, 2002, 32, 385-398.	1.3	89
149	Characterization of the folylpolyglutamate synthetase gene and polyglutamylation of folates in the protozoan parasite Leishmania. Molecular and Biochemical Parasitology, 2002, 124, 63-71.	0.5	26
150	Involvement of zinc in the binding ofMycoplasma arthritidis-derived mitogen to the proximity of the HLA-DR binding groove regardless of histidine 81 of the Î² chain. European Journal of Immunology, 2002, 32, 50-58.	1.6	17
151	A proteomic approach to identify developmentally regulated proteins in Leishmania infantum. Proteomics, 2002, 2, 1007.	1.3	107
152	Adaptation of Leishmania Cells to in Vitro Culture Results in a More Efficient Reduction and Transport of Biopterin. Experimental Parasitology, 2001, 97, 161-168.	0.5	19
153	Biochemical and molecular mechanisms of drug resistance in parasites. Tropical Medicine and International Health, 2001, 6, 874-882.	1.0	64
154	Gene Amplification in Amphotericin B-Resistant Leishmania tarentolae. Experimental Parasitology, 2001, 99, 141-147.	0.5	41
155	ABC proteins of Leishmania. Journal of Bioenergetics and Biomembranes, 2001, 33, 469-474.	1.0	44
156	The Leishmania ATP-binding Cassette Protein PGPA Is an Intracellular Metal-Thiol Transporter ATPase. Journal of Biological Chemistry, 2001, 276, 26301-26307.	1.6	205
157	Development of a PCR Assay for Identification of Staphylococci at Genus and Species Levels. Journal of Clinical Microbiology, 2001, 39, 2541-2547.	1.8	278
158	DNA Transformation of Leishmania infantum Axenic Amastigotes and Their Use in Drug Screening. Antimicrobial Agents and Chemotherapy, 2001, 45, 1168-1173.	1.4	102
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