Kiyoshi Kita

List of Publications by Year
in descending order

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256	8,891	34016	71532
papers	citations	52 h-index	76 g-index

261	261	261	11060
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Antiviral activity of 5-aminolevulinic acid against variants of severe acute respiratory syndrome coronavirus 2. Tropical Medicine and Health, 2022, 50, 6.	1.0	8
2	Heterologous production of ascofuranone and ilicicolin A in <i>Aspergillus sojae</i>. Journal of General and Applied Microbiology, 2022, 68, 10-16.	0.4	1
3	5-Aminolevulinic acid antiviral efficacy against SARS-CoV-2 omicron variant in vitro. Tropical Medicine and Health, 2022, 50, 30.	1.0	0
4	Effect of the anti-parasitic compounds pyrvinium pamoate and artemisinin in enzymatic and culture assays: Data on the search for new anti-echinococcal drugs. Data in Brief, 2021, 34, 106629.	0.5	1
5	The ubiquinone synthesis pathway is a promising drug target for Chagas disease. PLoS ONE, 2021, 16, e0243855.	1.1	6
6	In vivo efficacy of combination therapy with albendazole and atovaquone against primary hydatid cysts in mice. European Journal of Clinical Microbiology and Infectious Diseases, 2021, 40, 1815-1820.	1.3	7
7	5-amino levulinic acid inhibits SARS-CoV-2 infection inÂvitro. Biochemical and Biophysical Research Communications, 2021, 545, 203-207.	1.0	29
8	Weak O2 binding and strong H2O2 binding at the non-heme diiron center of trypanosome alternative oxidase. Biochimica Et Biophysica Acta - Bioenergetics, 2021, 1862, 148356.	0.5	7
9	A novel 2Aâ€peptideâ€containing plasmid to generate stable Perkinsus marinus cells expressing organelleâ€targeted genes. Journal of Eukaryotic Microbiology, 2021, 68, e12861.	0.8	4
10	Identification of 3,4-Dihydro-2H,6H-pyrimido[1,2-c][1,3]benzothiazin-6-imine Derivatives as Novel Selective Inhibitors of Plasmodium falciparum Dihydroorotate Dehydrogenase. International Journal of Molecular Sciences, 2021, 22, 7236.	1.8	5
11	Biochemical Studies of Mitochondrial Malate: Quinone Oxidoreductase from Toxoplasma gondii. International Journal of Molecular Sciences, 2021, 22, 7830.	1.8	5
12	Mitochondria as a Potential Target for the Development of Prophylactic and Therapeutic Drugs against Schistosoma mansoni Infection. Antimicrobial Agents and Chemotherapy, 2021, 65, e0041821.	1.4	9
13	Gentisyl alcohol and homogentisic acid: Plasmodium falciparum dihydroorotate dehydrogenase inhibitors isolated from fungi. Journal of General and Applied Microbiology, 2021, 67, 114-117.	0.4	2
14	Characterizing the genomic variation and population dynamics of Plasmodium falciparum malaria parasites in and around Lake Victoria, Kenya. Scientific Reports, 2021, 11, 19809.	1.6	11
15	Infection and Immunometabolism in the Central Nervous System: A Possible Mechanistic Link Between Metabolic Imbalance and Dementia. Frontiers in Cellular Neuroscience, 2021, 15, 765217.	1.8	17
16	Malaria Parasites Hijack Host Receptors From Exosomes to Capture Lipoproteins. Frontiers in Cell and Developmental Biology, 2021, 9, 749153.	1.8	4
17	Identification of small molecule inhibitors of human COQ7. Bioorganic and Medicinal Chemistry, 2020, 28, 115182.	1.4	5
18	Mitochondrial complex III in larval stage of Echinococcus multilocularis as a potential chemotherapeutic target and in vivo efficacy of atovaquone against primary hydatid cysts. Parasitology International, 2020, 75, 102004.	0.6	13

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19	Genetic polymorphisms in malaria vaccine candidate Plasmodium falciparum reticulocyte-binding protein homologue-5 among populations in Lagos, Nigeria. Malaria Journal, 2020, 19, 6.	0.8	13
20	The ASCT/SCS cycle fuels mitochondrial ATP and acetate production in Trypanosoma brucei. Biochimica Et Biophysica Acta - Bioenergetics, 2020, 1861, 148283.	0.5	15
21	The Porphyromonas gingivalis inhibitory effects, antioxidant effects and the safety of a Sri Lankan traditional betel quid - an in vitro study. BMC Complementary Medicine and Therapies, 2020, 20, 259.	1.2	4
22	Plasmodium falciparum multidrug resistance gene-1 polymorphisms in Northern Nigeria: implications for the continued use of artemether-lumefantrine in the region. Malaria Journal, 2020, 19, 439.	0.8	13
23	Structural and Biochemical Features of Eimeria tenella Dihydroorotate Dehydrogenase, a Potential Drug Target. Genes, 2020, 11, 1468.	1.0	5
24	Kinetic and structural characterisation of the ubiquinol-binding site and oxygen reduction by the trypanosomal alternative oxidase. Biochimica Et Biophysica Acta - Bioenergetics, 2020, 1861, 148247.	0.5	6
25	Microbial inhibitors active against <i>Plasmodium falciparum</i> dihydroorotate dehydrogenase derived from an Indonesian soil fungus, <i>Talaromyces pinophilus</i> BioMCC-f.T.3979. Journal of General and Applied Microbiology, 2020, 66, 273-278.	0.4	6
26	Transitions in morphological forms and rapid development of the asexual schizonts of Eimeria tenella through serial passaging in chicks. Infection, Genetics and Evolution, 2019, 75, 103993.	1.0	1
27	Identification of Plasmodium falciparum Mitochondrial Malate: Quinone Oxidoreductase Inhibitors from the Pathogen Box. Genes, 2019, 10, 471.	1.0	24
28	Polyunsaturated fatty acids promote Plasmodium falciparum gametocytogenesis. Biology Open, 2019, 8, .	0.6	11
29	Novel Characteristics of Mitochondrial Electron Transport Chain from Eimeria tenella. Genes, 2019, 10, 29.	1.0	17
30	Discovery of trypanocidal coumarins with dual inhibition of both the glycerol kinase and alternative oxidase of Trypanosoma brucei brucei. FASEB Journal, 2019, 33, 13002-13013.	0.2	24
31	Evolution from covalent conjugation to non-covalent interaction in the ubiquitin-like ATG12 system. Nature Structural and Molecular Biology, 2019, 26, 289-296.	3.6	39
32	Structureâ€“activity relationship studies of atpenin A5 analogs with chemical modification of the side chain moiety. Tetrahedron Letters, 2019, 60, 1037-1042.	0.7	2
33	Insights into the ubiquinol/dioxygen binding and proton relay pathways of the alternative oxidase. Biochimica Et Biophysica Acta - Bioenergetics, 2019, 1860, 375-382.	0.5	21
34	Complete biosynthetic pathways of ascofuranone and ascochlorin in Acremonium egyptiacum. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 8269-8274.	3.3	63
35	Puromycin selection for stable transfectants of the oyster-infecting parasite Perkinsus marinus. Parasitology International, 2019, 69, 13-16.	0.6	8
36	Method for the separation of mitochondria and apicoplast from the malaria parasite Plasmodium falciparum. Parasitology International, 2019, 69, 99-102.	0.6	2

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37	Monotherapy with a novel intervenolin derivative, ASâ€1934, is an effective treatment forHelicobacter pyloriinfection. Helicobacter, 2018, 23, e12470.	1.6	15
38	Inhibition of trypanosome alternative oxidase without its N-terminal mitochondrial targeting signal (Î”MTS-TAO) by cationic and non-cationic 4-hydroxybenzoate and 4-alkoxybenzaldehyde derivatives active against T.Âbrucei and T.Âcongolense. European Journal of Medicinal Chemistry, 2018, 150, 385-402.	2.6	27
39	Dihydroorotate Dehydrogenase as a Target for the Development of Novel <i>Helicobacter pylori</i>-Specific Antimicrobials. Chemical and Pharmaceutical Bulletin, 2018, 66, 239-242.	0.6	7
40	Ubiquinone binding site of yeast NADH dehydrogenase revealed by structures binding novel competitive- and mixed-type inhibitors. Scientific Reports, 2018, 8, 2427.	1.6	15
41	Biochemical studies of membrane bound Plasmodium falciparum mitochondrial L-malate:quinone oxidoreductase, a potential drug target. Biochimica Et Biophysica Acta - Bioenergetics, 2018, 1859, 191-200.	0.5	32
42	Differential Effect of Atpenin A5 on ROS Production from Wild- Type Mitochondrial Complex II in Human Cancer Cells and Normal Cells. , 2018, , .		1
43	Selective Cytotoxicity of Dihydroorotate Dehydrogenase Inhibitors to Human Cancer Cells Under Hypoxia and Nutrient-Deprived Conditions. Frontiers in Pharmacology, 2018, 9, 997.	1.6	32
44	Evaluation of the site specificity of acute disuse muscle atrophy developed during a relatively short period in critically ill patients according to the activities of daily living level: A prospective observational study. Australian Critical Care, 2017, 30, 29-36.	0.6	11
45	Conjugates of 2,4-Dihydroxybenzoate and Salicylhydroxamate and Lipocations Display Potent Antiparasite Effects by Efficiently Targeting the Trypanosoma brucei and Trypanosoma congolense Mitochondrion. Journal of Medicinal Chemistry, 2017, 60, 1509-1522.	2.9	34
46	Design and synthesis of potent substrate-based inhibitors of the Trypanosoma cruzi dihydroorotate dehydrogenase. Bioorganic and Medicinal Chemistry, 2017, 25, 1465-1470.	1.4	16
47	Duplication of Drosophila melanogaster mitochondrial EF-Tu: pre-adaptation to T-arm truncation and exclusion of bulky aminoacyl residues. Biochemical Journal, 2017, 474, 957-969.	1.7	3
48	Re-identification of the ascofuranone-producing fungus Ascochyta viciae as Acremonium sclerotigenum. Journal of Antibiotics, 2017, 70, 304-307.	1.0	23
49	Development of a new air-stable structure-simplified nafuredin-Î³ analog as a potent and selective nematode complex I inhibitor. Journal of Antibiotics, 2017, 70, 647-654.	1.0	1
50	In silico, in vitro, X-ray crystallography, and integrated strategies for discovering spermidine synthase inhibitors for Chagas disease. Scientific Reports, 2017, 7, 6666.	1.6	21
51	Glycerol kinase of African trypanosomes possesses an intrinsic phosphatase activity. Biochimica Et Biophysica Acta - General Subjects, 2017, 1861, 2830-2842.	1.1	10
52	Expression, purification, and crystallization of type 1 isocitrate dehydrogenase from Trypanosoma brucei brucei. Protein Expression and Purification, 2017, 138, 56-62.	0.6	11
53	Suppression of experimental cerebral malaria by disruption of malate:quinone oxidoreductase. Malaria Journal, 2017, 16, 247.	0.8	20
54	Investigation into the Physiological Significance of the Phytohormone Abscisic Acid in Perkinsus marinus, an Oyster Parasite Harboring a Nonphotosynthetic Plastid. Journal of Eukaryotic Microbiology, 2017, 64, 440-446.	0.8	8

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55	Protoplast Generation from the Ascofuranone-Producing Fungus <i>Acremonium sclerotigenum</i>. Cytologia, 2017, 82, 317-320.	0.2	3
56	Medical Treatment of Echinococcus multilocularis and New Horizons for Drug Discovery: Characterization of Mitochondrial Complex II as a Potential Drug Target. , 2017, , .		4
57	The Open Form Inducer Approach for Structure-Based Drug Design. PLoS ONE, 2016, 11, e0167078.	1.1	12
58	Global warming and the possible globalization of vector-borne diseases: a call for increased awareness and action. Tropical Medicine and Health, 2016, 44, 38.	1.0	20
59	Parasites resistant to the antimalarial atovaquone fail to transmit by mosquitoes. Science, 2016, 352, 349-353.	6.0	119
60	Drug selection using bleomycin for transfection of the oyster-infecting parasite Perkinsus marinus. Parasitology International, 2016, 65, 563-566.	0.6	8
61	Transcriptional profiles of virulent and precocious strains of Eimeria tenella at sporozoite stage; novel biological insight into attenuated asexual development. Infection, Genetics and Evolution, 2016, 40, 54-62.	1.0	14
62	Structure and Mechanism of Action of the Alternative Quinol Oxidases. Advances in Photosynthesis and Respiration, 2016, , 375-394.	1.0	5
63	Structural Insights into the Molecular Design of Flutolanil Derivatives Targeted for Fumarate Respiration of Parasite Mitochondria. International Journal of Molecular Sciences, 2015, 16, 15287-15308.	1.8	67
64	Pharmacophore Modeling for Anti-Chagas Drug Design Using the Fragment Molecular Orbital Method. PLoS ONE, 2015, 10, e0125829.	1.1	33
65	Design, synthesis, and biological evaluation of air-stable nafuredin-Î³ analogs as complex I inhibitors. Bioorganic and Medicinal Chemistry, 2015, 23, 932-943.	1.4	8
66	Direct evidence for the atovaquone action on the Plasmodium cytochrome bc 1 complex. Parasitology International, 2015, 64, 295-300.	0.6	68
67	Inhibition of malaria parasite growth by quinomycin A and its derivatives through DNA-intercalating activity. Bioscience, Biotechnology and Biochemistry, 2015, 79, 633-635.	0.6	13
68	Mother-to-Child Transmission of Chagas Disease in El Salvador. American Journal of Tropical Medicine and Hygiene, 2015, 93, 326-333.	0.6	7
69	Lactate retards the development of erythrocytic stages of the human malaria parasite Plasmodium falciparum. Parasitology International, 2015, 64, 301-303.	0.6	8
70	Knockdown of the coenzyme Q synthesis gene Smed-dlp1 affects planarian regeneration and tissue homeostasis. Redox Biology, 2015, 6, 599-606.	3.9	10
71	In Vivo Curative and Protective Potential of Orally Administered 5-Aminolevulinic Acid plus Ferrous Ion against Malaria. Antimicrobial Agents and Chemotherapy, 2015, 59, 6960-6967.	1.4	17
72	Hit and lead criteria in drug discovery for infectious diseases of the developing world. Nature Reviews Drug Discovery, 2015, 14, 751-758.	21.5	437

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73	Risk factors for <scp>C</scp>hagas disease among pregnant women in <scp>E</scp>l <scp>S</scp>alvador. Tropical Medicine and International Health, 2015, 20, 268-276.	1.0	10
74	Acute Chagas disease in El Salvador 2000-2012 - Need for surveillance and control. Memorias Do Instituto Oswaldo Cruz, 2014, 109, 256-258.	0.8	11
75	Prevalence of Trypanosoma cruzi infection in blood donors in El Salvador between 2001 and 2011. Journal of Infection in Developing Countries, 2014, 8, 1029-1036.	0.5	11
76	Molecular basis for the reverse reaction of <scp>A</scp>frican human trypanosomes glycerol kinase. Molecular Microbiology, 2014, 94, 1315-1329.	1.2	14
77	Arabidopsis thaliana mitochondrial EF-G1 functions in two different translation steps. Journal of Biochemistry, 2014, 155, 107-114.	0.9	1
78	Probing the ubiquinol-binding site of recombinant Sauromatum guttatum alternative oxidase expressed in E. coli membranes through site-directed mutagenesis. Biochimica Et Biophysica Acta - Bioenergetics, 2014, 1837, 1219-1225.	0.5	19
79	TwoPlasmodium6â€Cys familyâ€related proteins have distinct and critical roles in liverâ€stage development. FASEB Journal, 2014, 28, 2158-2170.	0.2	88
80	Purification and characterisation of recombinant DNA encoding the alternative oxidase from Sauromatum guttatum. Mitochondrion, 2014, 19, 261-268.	1.6	17
81	Localization of Eimeripain, an <i>Eimeria tenella</i> Cathepsin B-Like Cysteine Protease, during Asexual and Sexual Intracellular Development in Chicken Ceca. Journal of Veterinary Medical Science, 2014, 76, 531-537.	0.3	3
82	2SAA-03 Diversity of mitochondrial respiratory chain from parasite to cancer(2SAA Mitochondrial) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.0	0
83	Cyanide-insensitive quinol oxidase (CIO) from Gluconobacter oxydans is a unique terminal oxidase subfamily of cytochrome bd. Journal of Biochemistry, 2013, 153, 535-545.	0.9	41
84	Pharmacophore identification of ascofuranone, potent inhibitor of cyanide-insensitive alternative oxidase of Trypanosoma brucei. Journal of Biochemistry, 2013, 153, 267-273.	0.9	44
85	High-throughput RNA sequencing profiles and transcriptional evidence of aerobic respiratory enzymes in sporulating oocysts and sporozoites of Eimeria tenella. Infection, Genetics and Evolution, 2013, 18, 269-276.	1.0	20
86	Type II Fp of human mitochondrial respiratory complex II and its role in adaptation to hypoxia and nutrition-deprived conditions. Mitochondrion, 2013, 13, 602-609.	1.6	16
87	Cloning and characterization of hypoxia-inducible factor-1 subunits from Ascaris suum â€" A parasitic nematode highly adapted to changes of oxygen conditions during its life cycle. Gene, 2013, 516, 39-47.	1.0	7
88	Diversity of mitochondrial genome structure in the phylum Apicomplexa. Molecular and Biochemical Parasitology, 2013, 188, 26-33.	0.5	63
89	Unraveling the Heater: New Insights into the Structure of the Alternative Oxidase. Annual Review of Plant Biology, 2013, 64, 637-663.	8.6	129
90	Diversity of parasite complex II. Biochimica Et Biophysica Acta - Bioenergetics, 2013, 1827, 658-667.	0.5	34

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91	Identification and Characterization of Sialidase-Like Activity in the Developmental Stages ofAmblyomma variegatum. Journal of Medical Entomology, 2013, 50, 85-93.	0.9	14
92	Marked phenotypic differences of endurance performance and exercise-induced oxygen consumption between AMPK and LKB1 deficiency in mouse skeletal muscle: changes occurring in the diaphragm. American Journal of Physiology - Endocrinology and Metabolism, 2013, 305, E213-E229.	1.8	17
93	The alternative oxidases: simple oxidoreductase proteins with complex functions. Biochemical Society Transactions, 2013, 41, 1305-1311.	1.6	24
94	Structure of the trypanosome cyanide-insensitive alternative oxidase. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 4580-4585.	3.3	163
95	Biochemical characterization of highly active Trypanosoma brucei gambiense glycerol kinase, a promising drug target. Journal of Biochemistry, 2013, 154, 77-84.	0.9	14
96	Synergy of ferrous ion on 5-aminolevulinic acid-mediated growth inhibition of Plasmodium falciparum. Journal of Biochemistry, 2013, 154, 501-504.	0.9	13
97	Crystal structure of mitochondrial quinol-fumarate reductase from the parasitic nematode Ascaris suum. Journal of Biochemistry, 2012, 151, 589-592.	0.9	33
98	An anticancer agent, pyrvinium pamoate inhibits the NADHâ€“fumarate reductase systemâ€”a unique mitochondrial energy metabolism in tumour microenvironments. Journal of Biochemistry, 2012, 152, 171-183.	0.9	65
99	Plasmodium cynomolgi genome sequences provide insight into Plasmodium vivax and the monkey malaria clade. Nature Genetics, 2012, 44, 1051-1055.	9.4	172
100	Orexin 2 receptor as a potential target for immunotoxin and antibody-drug conjugate cancer therapy. Oncology Letters, 2012, 3, 525-529.	0.8	7
101	Critical roles of the mitochondrial complex II in oocyst formation of rodent malaria parasite Plasmodium berghei. Journal of Biochemistry, 2012, 152, 259-268.	0.9	67
102	Age-related changes in the activities of respiratory chain complexes and mitochondrial morphology in Drosophila. Mitochondrion, 2012, 12, 345-351.	1.6	5
103	Mitochondrial fumarate reductase as a target of chemotherapy: From parasites to cancer cells. Biochimica Et Biophysica Acta - General Subjects, 2012, 1820, 643-651.	1.1	76
104	Critical importance of the de novo pyrimidine biosynthesis pathway for Trypanosoma cruzi growth in the mammalian host cell cytoplasm. Biochemical and Biophysical Research Communications, 2012, 417, 1002-1006.	1.0	24
105	Molecular interaction of the first 3 enzymes of the de novo pyrimidine biosynthetic pathway of Trypanosoma cruzi. Biochemical and Biophysical Research Communications, 2012, 418, 140-143.	1.0	7
106	Novel type of linear mitochondrial genomes with dual flip-flop inversion system in apicomplexan parasites, Babesia microti and Babesia rodhaini. BMC Genomics, 2012, 13, 622.	1.2	23
107	Toward understanding the role of mitochondrial complex II in the intraerythrocytic stages of Plasmodium falciparum: Gene targeting of the Fp subunit. Parasitology International, 2012, 61, 726-728.	0.6	15
108	Adherence to antiretroviral therapy (ART) during the early months of treatment in rural Zambia: influence of demographic characteristics and social surroundings of patients. Annals of Clinical Microbiology and Antimicrobials, 2012, 11, 34.	1.7	41

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109	Autophagy-Related Atg8 Localizes to the Apicoplast of the Human Malaria Parasite Plasmodium falciparum. PLoS ONE, 2012, 7, e42977.	1.1	75
110	Isolation and Caenorhabditis elegans Lifespan Assay of Flavonoids from Onion. Journal of Agricultural and Food Chemistry, 2011, 59, 5927-5934.	2.4	27
111	Highly conserved gene arrangement of the mitochondrial genomes of 23 Plasmodium species. Parasitology International, 2011, 60, 175-180.	0.6	49
112	Identification of an entire set of tRNA molecules and characterization of cleavage sites of the intron-containing tRNA precursors in acidothermophilic crenarchaeon Sulfolobus tokodaii strain7. Gene, 2011, 489, 103-110.	1.0	4
113	A Conserved Lysine Residue in the Crenarchaea-Specific Loop is Important for the Crenarchaeal Splicing Endonuclease Activity. Journal of Molecular Biology, 2011, 405, 92-104.	2.0	14
114	Differential Kinetic Activities of Glycerol Kinase among African Trypanosome Species: Phylogenetic and Therapeutic Implications. Journal of Veterinary Medical Science, 2011, 73, 615-621.	0.3	13
115	Concatenated mitochondrial DNA of the coccidian parasite Eimeria tenella. Mitochondrion, 2011, 11, 273-278.	1.6	41
116	Ukulactones A and B, new NADH-fumarate reductase inhibitors produced by Penicillium sp. FKI-3389. Tetrahedron, 2011, 67, 6582-6586.	1.0	15
117	Purification and kinetic characterization of recombinant alternative oxidase from Trypanosoma brucei brucei. Biochimica Et Biophysica Acta - Bioenergetics, 2010, 1797, 443-450.	0.5	51
118	IL-10 plays a crucial role for the protection of experimental cerebral malaria by co-infection with non-lethal malaria parasites. International Journal for Parasitology, 2010, 40, 101-108.	1.3	23
119	Crystallization and preliminary crystallographic analysis of cyanide-insensitive alternative oxidase fromTrypanosoma brucei brucei. Acta Crystallographica Section F: Structural Biology Communications, 2010, 66, 275-278.	0.7	19
120	Overproduction, purification, crystallization and preliminary X-ray diffraction analysis ofTrypanosoma brucei gambienseglycerol kinase. Acta Crystallographica Section F: Structural Biology Communications, 2010, 66, 304-308.	0.7	7
121	A bacterial elongation factor G homologue exclusively functions in ribosome recycling in the spirochaete Borrelia burgdorferi. Molecular Microbiology, 2010, 75, 1445-1454.	1.2	24
122	The NADHâ€fumarate reductase system, a novel mitochondrial energy metabolism, is a new target for anticancer therapy in tumor microenvironments. Annals of the New York Academy of Sciences, 2010, 1201, 44-49.	1.8	54
123	Divergence of the Mitochondrial Genome Structure in the Apicomplexan Parasites, Babesia and Theileria. Molecular Biology and Evolution, 2010, 27, 1107-1116.	3.5	91
124	Extensive frameshift at all AGG and CCC codons in the mitochondrial cytochrome c oxidase subunit 1 gene of Perkinsus marinus (Alveolata; Dinoflagellata). Nucleic Acids Research, 2010, 38, 6186-6194.	6.5	28
125	A Broad Distribution of the Alternative Oxidase in Microsporidian Parasites. PLoS Pathogens, 2010, 6, e1000761.	2.1	54
126	Diversity in mitochondrial metabolic pathways in parasitic protists Plasmodium and Cryptosporidium. Parasitology International, 2010, 59, 305-312.	0.6	91

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127	Trypanosome alternative oxidase, a potential therapeutic target for sleeping sickness, is conserved among Trypanosoma brucei subspecies. Parasitology International, 2010, 59, 560-564.	0.6	20
128	Contribution of the FAD and quinone binding sites to the production of reactive oxygen species from Ascaris suum mitochondrial complex II. Mitochondrion, 2010, 10, 158-165.	1.6	39
129	Three Redox States of Trypanosoma brucei Alternative Oxidase Identified by Infrared Spectroscopy and Electrochemistry. Journal of Biological Chemistry, 2009, 284, 31827-31833.	1.6	28
130	Polymyxin B Identified as an Inhibitor of Alternative NADH Dehydrogenase and Malate: Quinone Oxidoreductase from the Gram-positive Bacterium Mycobacterium smegmatis. Journal of Biochemistry, 2009, 146, 491-499.	0.9	59
131	Novel Mitochondrial Complex II Isolated from Trypanosoma cruzi Is Composed of 12 Peptides Including a Heterodimeric Ip Subunit. Journal of Biological Chemistry, 2009, 284, 7255-7263.	1.6	53
132	Biochemical and Spectroscopic Properties of Cyanide-Insensitive Quinol Oxidase from Gluconobacter oxydans. Journal of Biochemistry, 2009, 146, 263-271.	0.9	24
133	Functional importance of Crenarchaea-specific extra-loop revealed by an X-ray structure of a heterotetrameric crenarchaeal splicing endonuclease. Nucleic Acids Research, 2009, 37, 4787-4798.	6.5	23
134	Siccanin Rediscovered as a Species-Selective Succinate Dehydrogenase Inhibitor. Journal of Biochemistry, 2009, 146, 383-387.	0.9	33
135	Gain and loss of an intron in a protein-coding gene in Archaea: the case of an archaeal RNA pseudouridine synthase gene. BMC Evolutionary Biology, 2009, 9, 198.	3.2	25
136	Antibiotics LL-Z1272 identified as novel inhibitors discriminating bacterial and mitochondrial quinol oxidases. Biochimica Et Biophysica Acta - Bioenergetics, 2009, 1787, 129-133.	0.5	31
137	The Plasmodium HU homolog, which binds the plastid DNA sequenceâ€independent manner, is essential for the parasite's survival. FEBS Letters, 2009, 583, 1446-1450.	1.3	13
138	Gramicidin S and polymyxins: the revival of cationic cyclic peptide antibiotics. Cellular and Molecular Life Sciences, 2009, 66, 3821-3826.	2.4	106
139	Crystallization of mitochondrial rhodoquinol-fumarate reductase from the parasitic nematodeAscaris suumwith the specific inhibitor flutolanil. Acta Crystallographica Section F: Structural Biology Communications, 2009, 65, 941-944.	0.7	15
140	Crystallization and preliminary X-ray analysis of aspartate transcarbamoylase from the parasitic protistTrypanosoma cruzi. Acta Crystallographica Section F: Structural Biology Communications, 2009, 65, 933-936.	0.7	6
141	Identification of new inhibitors for alternative NADH dehydrogenase (NDH-II). FEMS Microbiology Letters, 2009, 291, 157-161.	0.7	47
142	Fasting-Induced Hypothermia and Reduced Energy Production in Mice Lacking Acetyl-CoA Synthetase 2. Cell Metabolism, 2009, 9, 191-202.	7.2	88
143	Identification of mitochondrial Complex II subunits SDH3 and SDH4 and ATP synthase subunits a and b in Plasmodium spp.. Mitochondrion, 2009, 9, 443-453.	1.6	32
144	Spread and evolution of Plasmodium falciparum drug resistance. Parasitology International, 2009, 58, 201-209.	0.6	203

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145	Visualization of Mitochondrial and Apicoplast Nucleoids in the Human Malaria Parasite Plasmodium falciparum by SYBR Green I and PicoGreen Staining. Cytologia, 2009, 74, 449-455.	0.2	9
146	Regulation of succinate-ubiquinone reductase and fumarate reductase activities in human complex II by phosphorylation of its flavoprotein subunit. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 2009, 85, 258-265.	1.6	45
147	Screening of detergents for solubilization, purification and crystallization of membrane proteins: a case study on succinate:ubiquinone oxidoreductase fromEscherichia coli. Acta Crystallographica Section F: Structural Biology Communications, 2008, 64, 858-862.	0.7	2
148	Gramicidin S identified as a potent inhibitor for cytochrome bdâ€type quinol oxidase. FEBS Letters, 2008, 582, 2299-2302.	1.3	31
149	Male Fertility of Malaria Parasites Is Determined by GCS1, a Plant-Type Reproduction Factor. Current Biology, 2008, 18, 607-613.	1.8	118
150	Change of subunit composition of mitochondrial complex II (succinateâ€“ubiquinone) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td (red Parasitology International, 2008, 57, 54-61.	0.6	42
151	Mutation underlying resistance of Plasmodium berghei to atovaquone in the quinone binding domain 2 (Qo2) of the cytochrome b gene. Parasitology International, 2008, 57, 229-232.	0.6	33
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