

Kiyoshi Kita

List of Publications by Year in descending order

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256
papers

8,891
citations

34016

52
h-index

71532

76
g-index

261
all docs

261
docs citations

261
times ranked

11060
citing authors

#	ARTICLE	IF	CITATIONS
1	Hit and lead criteria in drug discovery for infectious diseases of the developing world. <i>Nature Reviews Drug Discovery</i> , 2015, 14, 751-758.	21.5	437
2	Atpenins, potent and specific inhibitors of mitochondrial complex II (succinate-ubiquinone) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td 2003, 100, 473-477.	3.3	221
3	Spread and evolution of <i>Plasmodium falciparum</i> drug resistance. <i>Parasitology International</i> , 2009, 58, 201-209.	0.6	203
4	Altered Quinone Biosynthesis in the Long-lived clk-1 Mutants of <i>Caenorhabditis elegans</i> . <i>Journal of Biological Chemistry</i> , 2001, 276, 7713-7716.	1.6	189
5	<i>Plasmodium cynomolgi</i> genome sequences provide insight into <i>Plasmodium vivax</i> and the monkey malaria clade. <i>Nature Genetics</i> , 2012, 44, 1051-1055.	9.4	172
6	Structure of the trypanosome cyanide-insensitive alternative oxidase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 4580-4585.	3.3	163
7	Unraveling the Heater: New Insights into the Structure of the Alternative Oxidase. <i>Annual Review of Plant Biology</i> , 2013, 64, 637-663.	8.6	129
8	Proteomic Analysis of Phagocytosis in the Enteric Protozoan Parasite <i>Entamoeba histolytica</i> . <i>Eukaryotic Cell</i> , 2005, 4, 827-831.	3.4	125
9	Parasites resistant to the antimalarial atovaquone fail to transmit by mosquitoes. <i>Science</i> , 2016, 352, 349-353.	6.0	119
10	Male Fertility of Malaria Parasites Is Determined by GCS1, a Plant-Type Reproduction Factor. <i>Current Biology</i> , 2008, 18, 607-613.	1.8	118
11	Ubiquinone Is Necessary for Mouse Embryonic Development but Is Not Essential for Mitochondrial Respiration. <i>Journal of Biological Chemistry</i> , 2001, 276, 46160-46164.	1.6	117
12	Gramicidin S and polymyxins: the revival of cationic cyclic peptide antibiotics. <i>Cellular and Molecular Life Sciences</i> , 2009, 66, 3821-3826.	2.4	106
13	Overexpression of Peroxisome Proliferator-Activated Receptor δ Co-Activator-1 α Leads to Muscle Atrophy with Depletion of ATP. <i>American Journal of Pathology</i> , 2006, 169, 1129-1139.	1.9	96
14	Divergence of the Mitochondrial Genome Structure in the Apicomplexan Parasites, <i>Babesia</i> and <i>Theileria</i> . <i>Molecular Biology and Evolution</i> , 2010, 27, 1107-1116.	3.5	91
15	Diversity in mitochondrial metabolic pathways in parasitic protists <i>Plasmodium</i> and <i>Cryptosporidium</i> . <i>Parasitology International</i> , 2010, 59, 305-312.	0.6	91
16	Fasting-Induced Hypothermia and Reduced Energy Production in Mice Lacking Acetyl-CoA Synthetase 2. <i>Cell Metabolism</i> , 2009, 9, 191-202.	7.2	88
17	Two <i>Plasmodium</i> Cys family-related proteins have distinct and critical roles in liver stage development. <i>FASEB Journal</i> , 2014, 28, 2158-2170.	0.2	88
18	Role of complex II in anaerobic respiration of the parasite mitochondria from <i>Ascaris suum</i> and <i>Plasmodium falciparum</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2002, 1553, 123-139.	0.5	86

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19	Kinetics and strain variation of phagosome proteins of <i>Entamoeba histolytica</i> by proteomic analysis. <i>Molecular and Biochemical Parasitology</i> , 2006, 145, 171-183.	0.5	85
20	Trypanosome alternative oxidase as a target of chemotherapy. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2002, 1587, 234-239.	1.8	79
21	Two Hydrophobic Subunits Are Essential for the Heme b Ligation and Functional Assembly of Complex II (Succinate-Ubiquinone Oxidoreductase) from <i>Escherichia coli</i> . <i>Journal of Biological Chemistry</i> , 1996, 271, 521-527.	1.6	78
22	The efficacy of ascofuranone in a consecutive treatment on <i>Trypanosoma brucei brucei</i> in mice. <i>Parasitology International</i> , 2003, 52, 155-164.	0.6	76
23	Mitochondrial fumarate reductase as a target of chemotherapy: From parasites to cancer cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2012, 1820, 643-651.	1.1	76
24	Autophagy-Related Atg8 Localizes to the Apicoplast of the Human Malaria Parasite <i>Plasmodium falciparum</i> . <i>PLoS ONE</i> , 2012, 7, e42977.	1.1	75
25	A Cryptic Algal Group Unveiled: A Plastid Biosynthesis Pathway in the Oyster Parasite <i>Perkinsus marinus</i> . <i>Molecular Biology and Evolution</i> , 2008, 25, 1167-1179.	3.5	73
26	Stage-specific Isoforms of Complex II (Succinate-Ubiquinone Oxidoreductase) in Mitochondria from the Parasitic Nematode, <i>Ascaris suum</i> . <i>Journal of Biological Chemistry</i> , 1995, 270, 928-932.	1.6	70
27	Parasite Mitochondria as Drug Target: Diversity and Dynamic Changes During the Life Cycle. <i>Current Medicinal Chemistry</i> , 2003, 10, 2535-2548.	1.2	70
28	Developmental-stage-specific triacylglycerol biosynthesis, degradation and trafficking as lipid bodies in <i>Plasmodium falciparum</i> -infected erythrocytes. <i>Journal of Cell Science</i> , 2004, 117, 1469-1480.	1.2	70
29	Anaerobic NADH-Fumarate Reductase System Is Predominant in the Respiratory Chain of <i>Echinococcus multilocularis</i> , Providing a Novel Target for the Chemotherapy of Alveolar Echinococcosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 164-170.	1.4	70
30	Electron-transfer complexes of <i>Ascaris suum</i> muscle mitochondria. III. Composition and fumarate reductase activity of complex II. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1988, 935, 130-140.	0.5	69
31	Human complex II(succinate-ubiquinone oxidoreductase): cDNA cloning of iron sulfur(lp) subunit of liver mitochondria. <i>Biochemical and Biophysical Research Communications</i> , 1990, 166, 101-108.	1.0	68
32	An antibiotic, ascofuranone, specifically inhibits respiration and in vitro growth of long slender bloodstream forms of <i>Trypanosoma brucei brucei</i> . <i>Molecular and Biochemical Parasitology</i> , 1996, 81, 127-136.	0.5	68
33	Direct evidence for the atovaquone action on the <i>Plasmodium</i> cytochrome bc 1 complex. <i>Parasitology International</i> , 2015, 64, 295-300.	0.6	68
34	Critical roles of the mitochondrial complex II in oocyst formation of rodent malaria parasite <i>Plasmodium berghei</i> . <i>Journal of Biochemistry</i> , 2012, 152, 259-268.	0.9	67
35	Structural Insights into the Molecular Design of Flutolanil Derivatives Targeted for Fumarate Respiration of Parasite Mitochondria. <i>International Journal of Molecular Sciences</i> , 2015, 16, 15287-15308.	1.8	67
36	Developmental changes in the respiratory chain of <i>Ascaris</i> mitochondria. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1993, 1141, 65-74.	0.5	66

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37	Chemotherapeutic efficacy of ascofuranone in <i>Trypanosoma vivax</i> -infected mice without glycerol. <i>Parasitology International</i> , 2006, 55, 39-43.	0.6	66
38	PfPDE1, a novel cGMP-specific phosphodiesterase from the human malaria parasite <i>Plasmodium falciparum</i> . <i>Biochemical Journal</i> , 2005, 392, 221-229.	1.7	65
39	An anticancer agent, pyruvium pamoate inhibits the NADH-dependent fumarate reductase system, a unique mitochondrial energy metabolism in tumour microenvironments. <i>Journal of Biochemistry</i> , 2012, 152, 171-183.	0.9	65
40	Erratum to "An antibiotic, ascofuranone, specifically inhibits respiration and in vitro growth of long slender bloodstream forms of <i>Trypanosoma brucei brucei</i> ". <i>Molecular and Biochemical Parasitology</i> , 1997, 84, 271-280.	0.5	64
41	Diversity of mitochondrial genome structure in the phylum Apicomplexa. <i>Molecular and Biochemical Parasitology</i> , 2013, 188, 26-33.	0.5	63
42	Complete biosynthetic pathways of ascofuranone and ascochlorin in <i>Acremonium egyptiacum</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 8269-8274.	3.3	63
43	Direct evidence for cyanide-insensitive quinol oxidase (alternative oxidase) in apicomplexan parasite <i>Cryptosporidium parvum</i> : phylogenetic and therapeutic implications. <i>Biochemical and Biophysical Research Communications</i> , 2004, 313, 1044-1052.	1.0	62
44	Parasite Mitochondria as a Target of Chemotherapy: Inhibitory Effect of Licochalcone A on the <i>Plasmodium falciparum</i> Respiratory Chain. <i>Annals of the New York Academy of Sciences</i> , 2005, 1056, 46-54.	1.8	62
45	Introns in protein-coding genes in Archaea. <i>FEBS Letters</i> , 2002, 510, 27-30.	1.3	59
46	Polymyxin B Identified as an Inhibitor of Alternative NADH Dehydrogenase and Malate: Quinone Oxidoreductase from the Gram-positive Bacterium <i>Mycobacterium smegmatis</i> . <i>Journal of Biochemistry</i> , 2009, 146, 491-499.	0.9	59
47	Assignment of ESR signals of <i>Escherichia coli</i> terminal oxidase complexes. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1985, 810, 62-72.	0.5	58
48	Characterization of the human SDHD gene encoding the small subunit of cytochrome b (cybS) in mitochondrial succinate-dependent ubiquinone oxidoreductase. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1999, 1412, 295-300.	0.5	56
49	Phylogenetic identification of <i>Sparganum proliferum</i> as a pseudophyllidean cestode by the sequence analyses on mitochondrial COI and nuclear sdhB genes. <i>Parasitology International</i> , 2001, 50, 93-104.	0.6	55
50	The NADH-dependent fumarate reductase system, a novel mitochondrial energy metabolism, is a new target for anticancer therapy in tumor microenvironments. <i>Annals of the New York Academy of Sciences</i> , 2010, 1201, 44-49.	1.8	54
51	A Broad Distribution of the Alternative Oxidase in Microsporidian Parasites. <i>PLoS Pathogens</i> , 2010, 6, e1000761.	2.1	54
52	An "Elongated" Translation Elongation Factor Tu for Truncated tRNAs in Nematode Mitochondria. <i>Journal of Biological Chemistry</i> , 2001, 276, 21571-21577.	1.6	53
53	Characterization of the dihydroorotate dehydrogenase as a soluble fumarate reductase in <i>Trypanosoma cruzi</i> . <i>Molecular and Biochemical Parasitology</i> , 2002, 122, 189-200.	0.5	53
54	Novel Mitochondrial Complex II Isolated from <i>Trypanosoma cruzi</i> Is Composed of 12 Peptides Including a Heterodimeric Ip Subunit. <i>Journal of Biological Chemistry</i> , 2009, 284, 7255-7263.	1.6	53

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55	Demonstration of the target molecule of a protective IgE antibody in secretory glands of <i>Schistosoma japonicum</i> larvae. <i>International Immunology</i> , 1994, 6, 963-971.	1.8	52
56	Expression of mRNAs and proteins for peroxiredoxins in <i>Plasmodium falciparum</i> erythrocytic stage. <i>Parasitology International</i> , 2005, 54, 35-41.	0.6	51
57	Purification and kinetic characterization of recombinant alternative oxidase from <i>Trypanosoma brucei brucei</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2010, 1797, 443-450.	0.5	51
58	Compelling EPR evidence that the alternative oxidase is a diiron carboxylate protein. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2008, 1777, 327-330.	0.5	50
59	Highly conserved gene arrangement of the mitochondrial genomes of 23 <i>Plasmodium</i> species. <i>Parasitology International</i> , 2011, 60, 175-180.	0.6	49
60	Sequence comparison between the flavoprotein subunit of the fumarate reductase (Complex II) of the anaerobic parasitic nematode, <i>Ascaris suum</i> and the succinate dehydrogenase of the aerobic, free-living nematode, <i>Caenorhabditis elegans</i> . <i>Molecular and Biochemical Parasitology</i> , 1994, 68, 177-187.	0.5	48
61	Mitochondria and apicoplast of <i>Plasmodium falciparum</i> : Behaviour on subcellular fractionation and the implication. <i>Mitochondrion</i> , 2007, 7, 125-132.	1.6	48
62	Structures of <i>Trypanosoma cruzi</i> Dihydroorotate Dehydrogenase Complexed with Substrates and Products: Atomic Resolution Insights into Mechanisms of Dihydroorotate Oxidation and Fumarate Reduction. <i>Biochemistry</i> , 2008, 47, 10881-10891.	1.2	48
63	Stage-specific isoforms of <i>Ascaris suum</i> complex II: the fumarate reductase of the parasitic adult and the succinate dehydrogenase of free-living larvae share a common iron-sulfur subunit. <i>Molecular and Biochemical Parasitology</i> , 2000, 106, 63-76.	0.5	47
64	Identification of new inhibitors for alternative NADH dehydrogenase (NDH-II). <i>FEMS Microbiology Letters</i> , 2009, 291, 157-161.	0.7	47
65	Localization of Histidine Residues Responsible for Heme Axial Ligation in Cytochrome b556 of Complex II (Succinate:Ubiquinone Oxidoreductase) in <i>Escherichia coli</i> . <i>Biochemistry</i> , 1998, 37, 4148-4159.	1.2	46
66	A ^{13}C -Lactone Form Nafuredin, Nafuredin- ^{13}C , also Inhibits Helminth Complex I. <i>Journal of Antibiotics</i> , 2005, 58, 50-55.	1.0	46
67	Purification of active recombinant trypanosome alternative oxidase. <i>FEBS Letters</i> , 2003, 538, 35-40.	1.3	45
68	Regulation of succinate-ubiquinone reductase and fumarate reductase activities in human complex II by phosphorylation of its flavoprotein subunit. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2009, 85, 258-265.	1.6	45
69	Isolation of mitochondria from <i>Plasmodium falciparum</i> showing dihydroorotate dependent respiration. <i>Parasitology International</i> , 2001, 50, 273-278.	0.6	44
70	Independent Evolution of Pyrimethamine Resistance in <i>Plasmodium falciparum</i> Isolates in Melanesia. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 1071-1077.	1.4	44
71	Advances in drug discovery and biochemical studies. <i>Trends in Parasitology</i> , 2007, 23, 223-229.	1.5	44
72	Pharmacophore identification of ascofuranone, potent inhibitor of cyanide-insensitive alternative oxidase of <i>Trypanosoma brucei</i> . <i>Journal of Biochemistry</i> , 2013, 153, 267-273.	0.9	44

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73	Oral and intraperitoneal treatment of <i>Trypanosoma brucei brucei</i> with a combination of ascofuranone and glycerol in mice. <i>Parasitology International</i> , 1998, 47, 131-137.	0.6	43
74	Quinones in long-lived <i>clk-1</i> mutants of <i>Caenorhabditis elegans</i> . <i>FEBS Letters</i> , 2002, 512, 33-37.	1.3	43
75	Change of subunit composition of mitochondrial complex II (succinate dehydrogenase) in <i>Trypanosoma brucei</i> . <i>Parasitology International</i> , 2008, 57, 54-61.	0.6	42
76	Succinate dehydrogenase in <i>Plasmodium falciparum</i> mitochondria: molecular characterization of the SDHA and SDHB genes for the catalytic subunits, the flavoprotein (Fp) and iron-sulfur (Ip) subunits. <i>Molecular and Biochemical Parasitology</i> , 2000, 107, 191-205.	0.5	41
77	Electron-transfer complexes in <i>Ascaris</i> mitochondria. <i>Advances in Parasitology</i> , 2002, 51, 95-131.	1.4	41
78	Concatenated mitochondrial DNA of the coccidian parasite <i>Eimeria tenella</i> . <i>Mitochondrion</i> , 2011, 11, 273-278.	1.6	41
79	Adherence to antiretroviral therapy (ART) during the early months of treatment in rural Zambia: influence of demographic characteristics and social surroundings of patients. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2012, 11, 34.	1.7	41
80	Cyanide-insensitive quinol oxidase (CIO) from <i>Gluconobacter oxydans</i> is a unique terminal oxidase subfamily of cytochrome bd. <i>Journal of Biochemistry</i> , 2013, 153, 535-545.	0.9	41
81	The <i>Escherichia coli</i> cytochrome b556 gene, <i>cybA</i> , is assignable as <i>ssdhC</i> in the succinate dehydrogenase gene cluster. <i>FEMS Microbiology Letters</i> , 1985, 30, 307-311.	0.7	39
82	Contribution of the FAD and quinone binding sites to the production of reactive oxygen species from <i>Ascaris suum</i> mitochondrial complex II. <i>Mitochondrion</i> , 2010, 10, 158-165.	1.6	39
83	Evolution from covalent conjugation to non-covalent interaction in the ubiquitin-like ATG12 system. <i>Nature Structural and Molecular Biology</i> , 2019, 26, 289-296.	3.6	39
84	Preparation of Biologically Active <i>Ascaris suum</i> Mitochondrial tRNA ^{Met} With a TV-Replacement Loop by Ligation of Chemically Synthesized RNA Fragments. <i>Nucleic Acids Research</i> , 1996, 24, 662-667.	6.5	38
85	[10] Purification and properties of two terminal oxidase complexes of <i>Escherichia coli</i> aerobic respiratory chain. <i>Methods in Enzymology</i> , 1986, 126, 94-113.	0.4	37
86	DnaK Heat Shock Protein of <i>Escherichia coli</i> Maintains the Negative Supercoiling of DNA against Thermal Stress. <i>Journal of Biological Chemistry</i> , 1996, 271, 29407-29414.	1.6	36
87	Mutational analysis of the <i>Trypanosoma vivax</i> alternative oxidase: The E(X)6Y motif is conserved in both mitochondrial alternative oxidase and plastid terminal oxidase and is indispensable for enzyme activity. <i>Biochemical and Biophysical Research Communications</i> , 2005, 334, 593-600.	1.0	34
88	Cloning and Characterization of Ferredoxin and Ferredoxin-NADP ⁺ Reductase from Human Malaria Parasite. <i>Journal of Biochemistry</i> , 2006, 141, 421-428.	0.9	34
89	Diversity of parasite complex II. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2013, 1827, 658-667.	0.5	34
90	Conjugates of 2,4-Dihydroxybenzoate and Salicylhydroxamate and Lipocations Display Potent Antiparasite Effects by Efficiently Targeting the <i>Trypanosoma brucei</i> and <i>Trypanosoma congolense</i> Mitochondrion. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 1509-1522.	2.9	34

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91	Mutation underlying resistance of <i>Plasmodium berghei</i> to atovaquone in the quinone binding domain 2 (Qo2) of the cytochrome b gene. <i>Parasitology International</i> , 2008, 57, 229-232.	0.6	33
92	Siccanin Rediscovered as a Species-Selective Succinate Dehydrogenase Inhibitor. <i>Journal of Biochemistry</i> , 2009, 146, 383-387.	0.9	33
93	Crystal structure of mitochondrial quinol-fumarate reductase from the parasitic nematode <i>Ascaris suum</i> . <i>Journal of Biochemistry</i> , 2012, 151, 589-592.	0.9	33
94	Pharmacophore Modeling for Anti-Chagas Drug Design Using the Fragment Molecular Orbital Method. <i>PLoS ONE</i> , 2015, 10, e0125829.	1.1	33
95	Human Complex II (Succinate-Ubiquinone Oxidoreductase): cDNA Cloning of the Flavoprotein (Fp) Subunit of Liver Mitochondria1. <i>Journal of Biochemistry</i> , 1994, 116, 221-227.	0.9	32
96	Identification of mitochondrial Complex II subunits SDH3 and SDH4 and ATP synthase subunits a and b in <i>Plasmodium</i> spp.. <i>Mitochondrion</i> , 2009, 9, 443-453.	1.6	32
97	Biochemical studies of membrane bound <i>Plasmodium falciparum</i> mitochondrial L-malate:quinone oxidoreductase, a potential drug target. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2018, 1859, 191-200.	0.5	32
98	Selective Cytotoxicity of Dihydroorotate Dehydrogenase Inhibitors to Human Cancer Cells Under Hypoxia and Nutrient-Deprived Conditions. <i>Frontiers in Pharmacology</i> , 2018, 9, 997.	1.6	32
99	Verticipyronone, a New NADH-fumarate Reductase Inhibitor, Produced by <i>Verticillium</i> sp. FKI-1083. <i>Journal of Antibiotics</i> , 2006, 59, 785-790.	1.0	31
100	Gramicidin S identified as a potent inhibitor for cytochrome <i>c</i> -type quinol oxidase. <i>FEBS Letters</i> , 2008, 582, 2299-2302.	1.3	31
101	Antibiotics LL-Z1272 identified as novel inhibitors discriminating bacterial and mitochondrial quinol oxidases. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2009, 1787, 129-133.	0.5	31
102	Archaeal pre-mRNA splicing: A connection to hetero-oligomeric splicing endonuclease. <i>Biochemical and Biophysical Research Communications</i> , 2006, 346, 1024-1032.	1.0	30
103	Coinfection with Nonlethal Murine Malaria Parasites Suppresses Pathogenesis Caused by <i>Plasmodium berghei</i> NK65. <i>Journal of Immunology</i> , 2008, 180, 6877-6884.	0.4	30
104	Mitochondrial Dehydrogenases in the Aerobic Respiratory Chain of the Rodent Malaria Parasite <i>Plasmodium yoelii yoelii</i> . <i>Journal of Biochemistry</i> , 2008, 145, 229-237.	0.9	29
105	5-amino levulinic acid inhibits SARS-CoV-2 infection in vitro. <i>Biochemical and Biophysical Research Communications</i> , 2021, 545, 203-207.	1.0	29
106	Three Redox States of <i>Trypanosoma brucei</i> Alternative Oxidase Identified by Infrared Spectroscopy and Electrochemistry. <i>Journal of Biological Chemistry</i> , 2009, 284, 31827-31833.	1.6	28
107	Extensive frameshift at all AGG and CCC codons in the mitochondrial cytochrome c oxidase subunit 1 gene of <i>Perkinsus marinus</i> (Alveolata; Dinoflagellata). <i>Nucleic Acids Research</i> , 2010, 38, 6186-6194.	6.5	28
108	Direct Evidence for Two Distinct Forms of the Flavoprotein Subunit of Human Mitochondrial Complex II (Succinate-Ubiquinone Reductase). <i>Journal of Biochemistry</i> , 2003, 134, 191-195.	0.9	27

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109	Isolation and Caenorhabditis elegans Lifespan Assay of Flavonoids from Onion. Journal of Agricultural and Food Chemistry, 2011, 59, 5927-5934.	2.4	27
110	Inhibition of trypanosome alternative oxidase without its N-terminal mitochondrial targeting signal (i ^o MTS-TAO) by cationic and non-cationic 4-hydroxybenzoate and 4-alkoxybenzaldehyde derivatives active against T. Brucei and T. Congolense. European Journal of Medicinal Chemistry, 2018, 150, 385-402.	2.6	27
111	Rhodoquinone reaction site of mitochondrial complex I, in parasitic helminth, Ascaris suum. Biochimica Et Biophysica Acta - Bioenergetics, 2004, 1608, 97-103.	0.5	26
112	Isolation and characterization of the stage-specific cytochrome b small subunit (CybS) of Ascaris suum complex II from the aerobic respiratory chain of larval mitochondria. Molecular and Biochemical Parasitology, 2003, 128, 175-186.	0.5	25
113	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
114	Molecular cloning and characterization of Trypanosoma vivax alternative oxidase (AOX) gene, a target of the trypanocide ascofuranone. Parasitology International, 2004, 53, 235-245.	0.6	24
115	Biochemical and Spectroscopic Properties of Cyanide-Insensitive Quinol Oxidase from Gluconobacter oxydans. Journal of Biochemistry, 2009, 146, 263-271.	0.9	24
116	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
117	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
118	The alternative oxidases: simple oxidoreductase proteins with complex functions. Biochemical Society Transactions, 2013, 41, 1305-1311.	1.6	24
119	Identification of Plasmodium falciparum Mitochondrial Malate: Quinone Oxidoreductase Inhibitors from the Pathogen Box. Genes, 2019, 10, 471.	1.0	24
120	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
121	Cloning of cybB, the gene for cytochrome b561 of Escherichia coli K12. Molecular Genetics and Genomics, 1984, 198, 1-6.	2.4	23
122	Overproduction of highly active trypanosome alternative oxidase in Escherichia coli heme-deficient mutant. Parasitology International, 2003, 52, 237-241.	0.6	23
123	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
124	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
125	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
126	Re-identification of the ascofuranone-producing fungus Ascochyta viciae as Acremonium sclerotigenum. Journal of Antibiotics, 2017, 70, 304-307.	1.0	23

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127	Primary sequence of mitochondrial tRNA ^{Arg} of a nematode <i>Ascaris suum</i> : occurrence of unmodified adenosine at the first position of the anticodon. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1997, 1350, 119-122.	2.4	22
128	Complex II from phototrophic purple bacterium <i>Rhodospirillum rubrum</i> displays rhodoquinol-fumarate reductase activity. <i>FEBS Journal</i> , 2003, 270, 1863-1874.	0.2	22
129	Unique Properties of Respiratory Chain in <i>Plasmodium falciparum</i> Mitochondria. <i>Advances in Experimental Medicine and Biology</i> , 2003, 531, 117-133.	0.8	22
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