Yongyuth Yuthavong

List of Publications by Year
in descending order

127	4,481	109321 35	128289 60
papers	citations	h-index	g-index

134	134	134	3658
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Key interactions of pyrimethamine derivatives specific to wild-type and mutant P. falciparum dihydrofolate reductase based on 3D-QSAR, MD simulations and quantum chemical calculations. Journal of Biomolecular Structure and Dynamics, 2023, 41, 5728-5743.	3.5	0
2	New Insights into Antimalarial Chemopreventive Activity of Antifolates. Antimicrobial Agents and Chemotherapy, 2022, 66, AAC0153821.	3.2	6
3	Assay Development and Identification of the First Plasmodium falciparum 7,8-dihydro-6-hydroxymethylpterin-pyrophosphokinase Inhibitors. Molecules, 2022, 27, 3515.	3.8	0
4	Structural Insight into Effective Inhibitorsâ€™ Binding to Toxoplasma gondii Dihydrofolate Reductase Thymidylate Synthase. ACS Chemical Biology, 2022, 17, 1691-1702.	3.4	3
5	Discovery of new non-pyrimidine scaffolds as Plasmodium falciparum DHFR inhibitors by fragment-based screening. Journal of Enzyme Inhibition and Medicinal Chemistry, 2021, 36, 198-206.	5.2	6
6	Transgenic pyrimethamine-resistant plasmodium falciparum reveals transmission-blocking potency of P218, a novel antifolate candidate drug. International Journal for Parasitology, 2021, 51, 635-642.	3.1	8
7	The structure of PlasmodiumÂfalciparum hydroxymethyldihydropterin pyrophosphokinaseâ€dihydropteroate synthase reveals the basis of sulfa resistance. FEBS Journal, 2020, 287, 3273-3297.	4.7	24
8	Flexible diaminodihydrotriazine inhibitors of Plasmodium falciparum dihydrofolate reductase: Binding strengths, modes of binding and their antimalarial activities. European Journal of Medicinal Chemistry, 2020, 195, 112263.	5.5	14
9	6-Hydrophobic aromatic substituent pyrimethamine analogues as potential antimalarials for pyrimethamine-resistant Plasmodium falciparum. Bioorganic and Medicinal Chemistry, 2019, 27, 115158.	3.0	7
10	Crystal structure of Plasmodium falciparum adenosine deaminase reveals a novel binding pocket for inosine. Archives of Biochemistry and Biophysics, 2019, 667, 6-13.	3.0	4
11	Hybrid Inhibitors of Malarial Dihydrofolate Reductase with Dual Binding Modes That Can Forestall Resistance. ACS Medicinal Chemistry Letters, 2018, 9, 1235-1240.	2.8	19
12	Characterization of Plasmodium knowlesi dihydrofolate reductase-thymidylate synthase and sensitivity to antifolates. Parasitology International, 2018, 67, 787-792.	1.3	5
13	Interaction of Education with Research and Development. Education in the Asia-Pacific Region, 2018, , 411-421.	0.4	0
14	ScienceAsia, Journal of the Science Society of Thailand, reflects maturation of science in Thailand. ScienceAsia, 2018, 44S, 1.	0.5	0
15	Identifying antimalarial compounds targeting dihydrofolate reductase-thymidylate synthase (DHFR-TS) by chemogenomic profiling. International Journal for Parasitology, 2016, 46, 527-535.	3.1	23
16	Role of Plasmodium vivax Dihydropteroate Synthase Polymorphisms in Sulfa Drug Resistance. Antimicrobial Agents and Chemotherapy, 2016, 60, 4453-4463.	3.2	24
17	Cytochrome c and c1 heme lyases are essential in Plasmodium berghei. Molecular and Biochemical Parasitology, 2016, 210, 32-36.	1.1	5
18	Design, synthesis and biological evaluation of 6-aryl-1,6-dihydro-1,3,5-triazine-2,4-diamines as antiplasmodial antifolates. Organic and Biomolecular Chemistry, 2016, 14, 7899-7911.	2.8	11

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19	Estimating mRNA lengths from Plasmodium falciparum genes by Virtual Northern RNA-seq analysis. International Journal for Parasitology, 2016, 46, 7-12.	3.1	8
20	Plasmodium parasites mount an arrest response to dihydroartemisinin, as revealed by whole transcriptome shotgun sequencing (RNA-seq) and microarray study. BMC Genomics, 2015, 16, 830.	2.8	29
21	Use of bacterial surrogates as a tool to explore antimalarial drug interaction: Synergism between inhibitors of malarial dihydrofolate reductase and dihydropteroate synthase. Acta Tropica, 2015, 149, 64-69.	2.0	2
22	Inhibitors of Plasmodial Serine Hydroxymethyltransferase (SHMT): Cocrystal Structures of Pyrazolopyrans with Potent Blood- and Liver-Stage Activities. Journal of Medicinal Chemistry, 2015, 58, 3117-3130.	6.4	46
23	Kinetic Mechanism and the Rate-limiting Step of Plasmodium vivax Serine Hydroxymethyltransferase. Journal of Biological Chemistry, 2015, 290, 8656-8665.	3.4	10
24	Mechanisms of Antimalarial Drug Action and Resistance. , 2014, , 427-461.		7
25	Molecular characterization of Plasmodium falciparum Bruno/CELF RNA binding proteins. Molecular and Biochemical Parasitology, 2014, 198, 1-10.	1.1	12
26	Distinct biochemical properties of human serine hydroxymethyltransferase compared with the <scp>P</scp>lasmodium enzyme: implications for selective inhibition. FEBS Journal, 2014, 281, 2570-2583.	4.7	22
27	Structures ofPlasmodium vivaxserine hydroxymethyltransferase: implications for ligand-binding specificity and functional control. Acta Crystallographica Section D: Biological Crystallography, 2014, 70, 3177-3186.	2.5	23
28	The structure ofPlasmodium falciparumserine hydroxymethyltransferase reveals a novel redox switch that regulates its activities. Acta Crystallographica Section D: Biological Crystallography, 2014, 70, 1517-1527.	2.5	22
29	Molecular Dynamics of Interactions between Rigid and Flexible Antifolates and Dihydrofolate Reductase from Pyrimethamineâ€Sensitive and Pyrimethamineâ€Resistant Plasmodium falciparum. Chemical Biology and Drug Design, 2014, 84, 450-461.	3.2	30
30	Application of loop-mediated isothermal amplification assay combined with lateral flow dipstick for detection of Plasmodium falciparum and Plasmodium vivax. Parasitology International, 2014, 63, 777-784.	1.3	51
31	Origin of Robustness in Generating Drug-Resistant Malaria Parasites. Molecular Biology and Evolution, 2014, 31, 1649-1660.	8.9	41
32	Biochemical and functional characterization of Plasmodium falciparum GTP cyclohydrolase I. Malaria Journal, 2014, 13, 150.	2.3	26
33	Anticancer Properties of Distinct Antimalarial Drug Classes. PLoS ONE, 2013, 8, e82962.	2.5	67
34	Inducible Knockdown of Plasmodium Gene Expression Using the glmS Ribozyme. PLoS ONE, 2013, 8, e73783.	2.5	202
35	Antifolate Drugs. , 2013, , 1-12.		3
36	Malarial dihydrofolate reductase as a paradigm for drug development against a resistance-compromised target. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 16823-16828.	7.1	237

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37	Flow cytometric enumeration of Plasmodium berghei-infected red blood cells stained with SYBR Green I. Acta Tropica, 2012, 122, 113-118.	2.0	26
38	Cloning and heterologous expression of Plasmodium ovale dihydrofolate reductase-thymidylate synthase gene. Parasitology International, 2012, 61, 324-332.	1.3	13
39	Plasmodium serine hydroxymethyltransferase: indispensability and display of distinct localization. Malaria Journal, 2012, 11, 387.	2.3	24
40	Plasmodium serine hydroxymethyltransferase as a potential anti-malarial target: inhibition studies using improved methods for enzyme production and assay. Malaria Journal, 2012, 11, 194.	2.3	28
41	Combined Spatial Limitation around Residues 16 and 108 of Plasmodium falciparum Dihydrofolate Reductase Explains Resistance to Cycloguanil. Antimicrobial Agents and Chemotherapy, 2012, 56, 3928-3935.	3.2	27
42	Trypanosomal Dihydrofolate Reductase Reveals Natural Antifolate Resistance. ACS Chemical Biology, 2011, 6, 905-911.	3.4	42
43	Small-scale in vitro culture and purification of Plasmodium berghei for transfection experiment. Molecular and Biochemical Parasitology, 2011, 177, 156-159.	1.1	1
44	Formation of catalytically active cross-species heterodimers of thymidylate synthase from Plasmodium falciparum and Plasmodium vivax. Molecular Biology Reports, 2011, 38, 1029-1037.	2.3	5
45	Selection of drug resistant mutants from random library of Plasmodium falciparum dihydrofolate reductase in Plasmodium berghei model. Malaria Journal, 2011, 10, 119.	2.3	5
46	Transgenic Plasmodium parasites stably expressing Plasmodium vivax dihydrofolate reductase-thymidylate synthase as in vitro and in vivo models for antifolate screening. Malaria Journal, 2011, 10, 291.	2.3	8
47	Preclinical Evaluation of the Antifolate QN254, 5-Chloro-Nâ€²6â€²-(2,5-Dimethoxy-Benzyl)-Quinazoline-2,4,6-Triamine, as an Antimalarial Drug Candidate. Antimicrobial Agents and Chemotherapy, 2010, 54, 2603-2610.	3.2	25
48	Particular interaction between pyrimethamine derivatives and quadruple mutant type dihydrofolate reductase of Plasmodium falciparum: CoMFA and quantum chemical calculations studies. Journal of Enzyme Inhibition and Medicinal Chemistry, 2009, 24, 471-479.	5.2	13
49	Characterization of Plasmodium falciparum serine hydroxymethyltransferaseâ€"A potential antimalarial target. Molecular and Biochemical Parasitology, 2009, 168, 63-73.	1.1	35
50	Interactions between cycloguanil derivatives and wild type and resistance-associated mutant Plasmodium falciparum dihydrofolate reductases. Journal of Computer-Aided Molecular Design, 2009, 23, 241-252.	2.9	17
51	Crystallization and preliminary crystallographic studies of dihydrofolate reductase-thymidylate synthase fromTrypanosoma cruzi, the Chagas disease pathogen. Acta Crystallographica Section F: Structural Biology Communications, 2009, 65, 1175-1178.	0.7	8
52	Serine hydroxymethyltransferase from Plasmodiumâ€ƒvivax is different in substrate specificity from its homologues. FEBS Journal, 2009, 276, 4023-4036.	4.7	19
53	Exploiting Structural Analysis, in Silico Screening, and Serendipity To Identify Novel Inhibitors of Drug-Resistant Falciparum Malaria. ACS Chemical Biology, 2009, 4, 29-40.	3.4	54
54	Cloning and characterization of Plasmodium vivax serine hydroxymethyltransferase. Parasitology International, 2008, 57, 223-228.	1.3	5

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55	A Genetically Hard-Wired Metabolic Transcriptome in Plasmodium falciparum Fails to Mount Protective Responses to Lethal Antifolates. PLoS Pathogens, 2008, 4, e1000214.	4.7	83
56	Conflicting Requirements of Plasmodium falciparum Dihydrofolate Reductase Mutations Conferring Resistance to Pyrimethamine-WR99210 Combination. Antimicrobial Agents and Chemotherapy, 2007, 51, 4356-4360.	3.2	21
57	Immobilization of Malarial (Plasmodium falciparum) Dihydrofolate Reductase for the Selection of Tight-Binding Inhibitors from Combinatorial Library. Analytical Chemistry, 2007, 79, 5006-5012.	6.5	6
58	Artemisinin effectiveness in erythrocytes is reduced by heme and heme-containing proteins. Biochemical Pharmacology, 2007, 74, 153-160.	4.4	21
59	The role of tryptophan-48 in catalysis and binding of inhibitors of Plasmodium falciparum dihydrofolate reductase. International Journal for Parasitology, 2007, 37, 787-793.	3.1	9
60	Characterization of human malaria parasite Plasmodium falciparum eIF4E homologue and mRNA 5â€² cap status. Molecular and Biochemical Parasitology, 2007, 155, 146-155.	1.1	23
61	Folate metabolism as a source of molecular targets for antimalarials. Future Microbiology, 2006, 1, 113-125.	2.0	44
62	Evaluation of the Activities of Pyrimethamine Analogs against Plasmodium vivax and Plasmodium falciparum Dihydrofolate Reductase-Thymidylate Synthase Using In Vitro Enzyme Inhibition and Bacterial Complementation Assays. Antimicrobial Agents and Chemotherapy, 2006, 50, 3631-3637.	3.2	19
63	Subunit complementation of thymidylate synthase in Plasmodium falciparum bifunctional dihydrofolate reductase-thymidylate synthase. Molecular and Biochemical Parasitology, 2005, 139, 83-90.	1.1	9
64	Crystal structure of dihydrofolate reductase from Plasmodium vivax: Pyrimethamine displacement linked with mutation-induced resistance. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 13046-13051.	7.1	86
65	Stoichiometric Selection of Tight-Binding Inhibitors by Wild-Type and Mutant Forms of Malarial (Plasmodiumfalciparum) Dihydrofolate Reductase. Analytical Chemistry, 2005, 77, 1222-1227.	6.5	25
66	Random Mutagenesis Strategies for Construction of Large and Diverse Clone Libraries of Mutated DNA Fragments. , 2004, 270, 319-334.		11
67	Characterization, crystallization and preliminary X-ray analysis of bifunctional dihydrofolate reductaseâ€“thymidylate synthase fromPlasmodium falciparum. Acta Crystallographica Section D: Biological Crystallography, 2004, 60, 780-783.	2.5	47
68	Inhibitors of Multiple Mutants ofPlasmodiumfalciparumDihydrofolate Reductase and Their Antimalarial Activities. Journal of Medicinal Chemistry, 2004, 47, 673-680.	6.4	116
69	Target Guided Synthesis of 5-Benzyl-2,4-diamonopyrimidines: Their Antimalarial Activities and Binding Affinities to Wild Type and Mutant Dihydrofolate Reductases fromPlasmodium falciparum. Journal of Medicinal Chemistry, 2004, 47, 345-354.	6.4	82
70	Effect of N-terminal truncation of Plasmodium falciparum dihydrofolate reductase on dihydrofolate reductase and thymidylate synthase activity. Molecular and Biochemical Parasitology, 2003, 126, 97-102.	1.1	16
71	Synthesis of Solution-Phase Combinatorial Library of 4,6-Diamino-1,2-dihydro-1,3,5-triazine and Identification of New Leads Against A16V+S108T Mutant Dihydrofolate Reductase of Plasmodium falciparum. Bioorganic and Medicinal Chemistry, 2003, 11, 217-224.	3.0	45
72	Insights into antifolate resistance from malarial DHFR-TS structures. Nature Structural and Molecular Biology, 2003, 10, 357-365.	8.2	343

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73	An Environmentally Friendly, Low Cost, One-Pot Synthesis of Artemisitene. Synthetic Communications, 2003, 33, 1855-1860.	2.1	7
74	Development of 2,4-Diaminopyrimidines as Antimalarials Based on Inhibition of the S108N and C59R+S108N Mutants of Dihydrofolate Reductase from Pyrimethamine-Resistant Plasmodium falciparum. Journal of Medicinal Chemistry, 2002, 45, 1244-1252.	6.4	94
75	Molecular characterization of dihydrofolate reductase in relation to antifolate resistance in Plasmodium vivax. Molecular and Biochemical Parasitology, 2002, 119, 63-73.	1.1	70
76	Novel antifolate resistant mutations of Plasmodium falciparum dihydrofolate reductase selected in Escherichia coli. Molecular and Biochemical Parasitology, 2002, 120, 61-72.	1.1	40
77	Mutational analysis of Plasmodium falciparum dihydrofolate reductase: the role of aspartate 54 and phenylalanine 223 on catalytic activity and antifolate binding. Molecular and Biochemical Parasitology, 2002, 121, 185-193.	1.1	15
78	Membrane heme as a host factor in reducing effectiveness of dihydroartemisinin. Biochemical Pharmacology, 2002, 64, 91-98.	4.4	17
79	Basis for antifolate action and resistance in malaria. Microbes and Infection, 2002, 4, 175-182.	1.9	80
80	C-16 Artemisinin Derivatives and Their Antimalarial and Cytotoxic Activities:Â Syntheses of Artemisinin Monomers, Dimers, Trimers, and Tetramers by Nucleophilic Additions to Artemisitene. Journal of Medicinal Chemistry, 2001, 44, 4688-4695.	6.4	80
81	Possible modes of action of the artemisinin-type compounds. Trends in Parasitology, 2001, 17, 122-126.	3.3	207
82	Radical mechanism of action of the artemisinin-type compounds. Trends in Parasitology, 2001, 17, 267-268.	3.3	7
83	Interaction of pyrimethamine, cycloguanil, WR99210 and their analogues with Plasmodium falciparum dihydrofolate reductase: structural basis of antifolate resistance. Bioorganic and Medicinal Chemistry, 2000, 8, 1117-1128.	3.0	128
84	Inactivation of artemisinin by thalassemic erythrocytes. Biochemical Pharmacology, 2000, 59, 1337-1344.	4.4	13
85	Development of a Lead Inhibitor for the A16V+S108T Mutant of Dihydrofolate Reductase from the Cycloguanil-Resistant Strain (T9/94) of Plasmodium falciparumâ€. Journal of Medicinal Chemistry, 2000, 43, 2738-2744.	6.4	64
86	An Overview of Chemotherapeutic Targets for Antimalarial Drug Discovery. , 1999, 81, 91-110.		131
87	Antimalarial Principles fromArtemisia indica. Journal of Natural Products, 1998, 61, 1146-1147.	3.0	56
88	Rational Drug Design Approach for Overcoming Drug Resistance:Â Application to Pyrimethamine Resistance in Malaria. Journal of Medicinal Chemistry, 1998, 41, 1367-1370.	6.4	73
89	Binding of Dihydroartemisinin to Hemoglobin H: Role in Drug Accumulation and Host-Induced Antimalarial Ineffectiveness of Î±-Thalassemic Erythrocytes. Molecular Pharmacology, 1998, 53, 492-496.	2.3	22
90	Correlation of Antimalarial Activity of Artemisinin Derivatives with Binding Affinity with Ferroprotoporphyrin IX. Journal of Medicinal Chemistry, 1997, 40, 633-638.	6.4	98

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91	Plasmodium falciparum:Asparagine Mutant at Residue 108 of Dihydrofolate Reductase Is an Optimal Antifolate-Resistant Single Mutant. Experimental Parasitology, 1997, 87, 245-252.	1.2	49
92	Chemical synthesis of the Plasmodium falciparum dihydrofolate reductase-thymidylate synthase gene. Molecular and Biochemical Parasitology, 1996, 83, 93-106.	1.1	32
93	Title is missing!. ScienceAsia, 1996, 22, 181.	0.5	1
94	Mechanism-Based Development of New Antimalarials: Synthesis of Derivatives of Artemisinin Attached to Iron Chelators. Journal of Medicinal Chemistry, 1995, 38, 2311-2316.	6.4	33
95	Subunit complementation of thymidylate synthase. Biochemistry, 1992, 31, 10303-10309.	2.5	24
96	High-performance liquid chromatographic determination of dihydroorotate dehydrogenase of Plasmodium falciparum and effects of antimalarials on enzyme activity. Biomedical Applications, 1992, 582, 57-64.	1.7	10
97	Heterologous expression of active thymidylate synthase-dihydrofolate reductase from Plasmodium falciparum. Biochemistry, 1990, 29, 10779-10785.	2.5	71
98	Current Biotechnological Developments in Thailand. Critical Reviews in Biotechnology, 1989, 9, 41-59.	9.0	1
99	Mitochondria as the site of action of tetracycline on Plasmodium falciparum. Molecular and Biochemical Parasitology, 1989, 34, 109-115.	1.1	67
100	De novo and salvage biosynthesis of pteroylpentaglutamates in the human malaria parasite, Plasmodium falciparum. Molecular and Biochemical Parasitology, 1989, 32, 25-37.	1.1	69
101	High-performance liquid chromatographic assay for thymidylate synthase from the human malaria parasite, plasmodium falciparum. Biomedical Applications, 1989, 487, 51-59.	1.7	13
102	Characterization of cobalamin-dependent methionine synthase purified from the human malarial parasite,Plasmodium falciparum. Zeitschrift FÃ¼r Parasitenkunde (Berlin, Germany), 1989, 75, 512-517.	0.8	30
103	Depression of Plasmodium falciparum dihydroorotate dehydrogenase activity in in vitro culture by tetracycline. Molecular and Biochemical Parasitology, 1988, 27, 119-124.	1.1	54
104	Evidence for electrogenic accumulation of mefloquine by malarial parasites. Biochemical Pharmacology, 1988, 37, 3623-3631.	4.4	19
105	Impaired Parasite Growth and Increased Susceptibility to Phagocytosis of Plasmodium falciparum Infected Alpha-Thalassemia or Hemoglobin Constant Spring Red Blood Cells. American Journal of Clinical Pathology, 1988, 89, 521-525.	0.7	44
106	The relationship of phosphorylation of membrane proteins with the osmotic fragility and filterability of Plasmodium berghei-infected mouse erythrocytes. Biochimica Et Biophysica Acta - Molecular Cell Research, 1987, 929, 278-287.	4.1	24
107	High-performance liquid chromatographic assay for pteroylpolyglutamate hydrolase. Biomedical Applications, 1987, 417, 47-56.	1.7	8
108	The antimalarial action on Plasmodium falciparum of qinghaosu and artesunate in combination with agents which modulate oxidant stress. Transactions of the Royal Society of Tropical Medicine and Hygiene, 1987, 81, 710-714.	1.8	162

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109	Inhibitory effect of Î²â˜-thalassaemia/haemoglobin E erythrocytes on Plasmodium falciparum growth in vitro. Transactions of the Royal Society of Tropical Medicine and Hygiene, 1987, 81, 903-906.	1.8	13
110	Effect of inhibitors on glucose transport in malaria (Plasmodium berghei) infected erythrocytes. International Journal for Parasitology, 1986, 16, 441-446.	3.1	11
111	Increased Phagocytosis of Plasmodium falciparum-Infected Erythrocytes with Haemoglobin E by Peripheral Blood Monocytes. Acta Haematologica, 1986, 76, 155-158.	1.4	28
112	Characteristics of Membrane Protein Phosphorylation in Plasmodium berghei-Infected Mouse Erythrocytes1. Journal of Protozoology, 1986, 33, 446-454.	0.8	6
113	Bibliometric indicators of scientific activity in Thailand. Scientometrics, 1986, 9, 139-143.	3.0	11
114	Guanosine triphosphate cyclohydrolase in Plasmodium falciparum and other Plasmodium species. Molecular and Biochemical Parasitology, 1985, 17, 265-276.	1.1	23
115	Enhanced Ca2+ uptake by mouse erythrocytes in malarial (Plasmodium berghei) infection. Molecular and Biochemical Parasitology, 1983, 7, 227-235.	1.1	47
116	Stimulation of Ca2+ uptake in the human liver fluke Opisthorchis viverrini by praziquantel. Life Sciences, 1983, 32, 2529-2534.	4.3	8
117	Superoxide Dismutase (SOD) in Mouse Red Blood Cells Infected with Plasmodium berghei. Journal of Parasitology, 1982, 68, 337.	0.7	15
118	Distribution of chloroquine in normal, pronase-treated and malaria-infected red cells. Life Sciences, 1980, 26, 1899-1903.	4.3	7
119	Active partnership of Third World scientists. Nature, 1979, 280, 529-530.	27.8	0
120	Relation between Low Erythrocyte Acetylcholinesterase Activity and Membrane Lipids in Paroxysmal Noctural Haemoglobinuria*. British Journal of Haematology, 1979, 41, 383-391.	2.5	8
121	An Examination of Complement Proteins on Membranes of Paroxysmal Nocturnal Haemoglobinuria (PNH) and PNH-like Red Cells. British Journal of Haematology, 1979, 41, 393-398.	2.5	5
122	Alterations in membrane proteins of mouse erythrocytes infected with different species and strains of malaria parasites. Comparative Biochemistry and Physiology Part B: Comparative Biochemistry, 1979, 63, 83-85.	0.2	14
123	Science and technology in Southeast Asia. Nature, 1978, 274, 634-636.	27.8	2
124	Effect of membrane modification on cell fusion of hen erythrocytes induced by dimethyl sulfoxide. Life Sciences, 1978, 22, 1993-1997.	4.3	3
125	Rate constants of individual steps in papain-catalysed reactions. Biochimica Et Biophysica Acta - Biomembranes, 1978, 523, 198-206.	2.6	5
126	Different states of sarcoplasmic reticulum membrane in the presence of acetyl phosphate and adenosine triphosphate. Life Sciences, 1977, 21, 713-718.	4.3	1

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127	Sparks from the Spirit. , 0, , .		0