

# Bacteriorhodopsin in liposomes. II. Experimental evidence for a model

Biochimica Et Biophysica Acta - Bioenergetics

547, 561-582

DOI: [10.1016/0005-2728\(79\)90034-3](https://doi.org/10.1016/0005-2728(79)90034-3)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Bacteriorhodopsin in liposomes. I. A description using irreversible thermodynamics. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1979, 547, 544-560.	1.0	42
2	Kinetic and Steady-State Investigations of Solute Accumulation in Bacterial Membranes by Continuously Monitoring the Radioactivity in the Effluent of Flow-Dialysis Experiments. <i>FEBS Journal</i> , 1980, 106, 431-437.	0.2	39
3	Linear relation between rate and thermodynamic force in enzyme-catalyzed reactions. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1980, 591, 488-493.	1.0	91
4	Control of the photocycle in bacteriorhodopsin by electrochemical gradients. <i>FEBS Letters</i> , 1980, 117, 8-12.	2.8	39
5	Quantitative agreement between the values for the light-induced $\hat{p}H$ in <i>Rhodospseudomonas sphaeroides</i> measured with automated flow-dialysis and $^{31}P$ NMR. <i>FEBS Letters</i> , 1981, 123, 319-323.	2.8	41
6	The effect of ionophores and light intensity on the initial rate of proton uptake into bacteriorhodopsin liposomes can be quantitatively described by mosaic non-equilibrium thermodynamics. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1981, 637, 69-79.	1.0	14
7	Linear relations between proton current and pH gradient in bacteriorhodopsin liposomes. <i>Biochemistry</i> , 1981, 20, 5114-5123.	2.5	33
8	Mosaic nonequilibrium thermodynamics describes biological energy transduction.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1981, 78, 3554-3558.	7.1	38
9	The Electrochemical Proton Gradient Generated by the Fumarate-Reductase System in <i>Escherichia coli</i> and Its Bioenergetic Implications. <i>FEBS Journal</i> , 1981, 113, 369-374.	0.2	24
10	Clarification of Factors Influencing the Nature and Magnitude of the Protonmotive Force in Bovine Heart Submitochondrial Particles. <i>FEBS Journal</i> , 1981, 116, 341-346.	0.2	17
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12	Bacteriorhodopsin in liposomes: Quantitative evaluation of $\hat{p}H$ changes induced by variations of light intensity and conductivity parameters. <i>Journal of Membrane Biology</i> , 1981, 60, 95-104.	2.1	17
13	Effects of the medium composition on the components of the electrochemical proton gradient in <i>Rhodospseudomonas sphaeroides</i> . <i>Archives of Microbiology</i> , 1981, 130, 357-361.	2.2	16
14	The proton-per-electron stoichiometry of $\hat{e}^-$ site $1\hat{e}^{TM}$ of oxidative phosphorylation at high protonmotive force is close to 1.5. <i>Biochemical Journal</i> , 1982, 204, 515-523.	3.1	30
15	Compartmental analysis of light-induced proton movement in reconstituted bacteriorhodopsin vesicles. <i>Biochemistry</i> , 1982, 21, 3643-3650.	2.5	15
16	Membrane potential in a potassium transport-negative mutant of <i>Escherichia coli</i> K-12. The distribution of rubidium in the presence of valinomycin indicates a higher potential than that of the tetraphenylphosphonium cation. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1982, 681, 474-483.	1.0	68
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20	A study of bacteriorhodopsin-containing proteoliposome incorporation into bimolecular lipid membranes. <i>Bioelectrochemistry</i> , 1983, 11, 327-346.	1.0	11
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31	Nigericin-induced transient changes in rat-liver mitochondria. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1984, 767, 231-239.	1.0	28
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33	Chapter 1 Thermodynamic aspects of bioenergetics. <i>New Comprehensive Biochemistry</i> , 1984, , 1-27.	0.1	1
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