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DESCRIPTION

BBA Bioenergetics covers the area of **biological membranes** involved in energy transfer and conversion. In particular, it focuses on the structures obtained by X-ray crystallography and other approaches, and molecular mechanisms of the components of **photosynthesis**, mitochondrial and bacterial **respiration**, oxidative phosphorylation, motility and transport. It spans applications of **structural biology**, molecular modeling, spectroscopy and biophysics in these systems, through bioenergetic aspects of mitochondrial biology including biomedicine aspects of **energy metabolism** in **mitochondrial disorders**, neurodegenerative diseases like Parkinson's and Alzheimer's, **aging**, diabetes and even **cancer**.

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AUDIENCE

Biochemists, biophysicists, cell biologists and biomedical scientist interested in the structures, mechanisms and consequences of cellular energy metabolism.

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[1] J. van der Geer, J.A.J. Hanraads, R.A. Lupton, The art of writing a scientific article, *J. Sci. Commun.* 163 (2010) 51–59.

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[2] W. Strunk Jr., E.B. White, *The Elements of Style*, fourth ed., Longman, New York, 2000.

Reference to a chapter in an edited book:

[3] G.R. Mettam, L.B. Adams, How to prepare an electronic version of your article, in: B.S. Jones, R.Z. Smith (Eds.), *Introduction to the Electronic Age*, E-Publishing Inc., New York, 2009, pp. 281–304.

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