

Network Biology

The Network Biology (ISSN 2220-8879) is an open access, peer-reviewed online journal that considers scientific articles in all different areas of network biology. It is the transactions of the International Society of Network Biology. It dedicates to the latest advances in network biology. The goal of this journal is to keep a record of the state-of-the-art research and promote the research work in these fast moving areas. The topics to be covered by Network Biology include, but are not limited to:

- Theories, algorithms and programs of network analysis
- Innovations and applications of biological networks
- Ecological networks, food webs and natural equilibrium
- Co-evolution, co-extinction, biodiversity conservation
- Metabolic networks, protein-protein interaction networks, biochemical reaction networks, gene networks, transcriptional regulatory networks, cell cycle networks, phylogenetic networks, network motifs
- Physiological networks
- Network regulation of metabolic processes, human diseases and ecological systems
- Social networks, epidemiological networks
- System complexity, self-organized systems, emergence of biological systems, agent-based modeling, individual-based modeling, neural network modeling, etc.

We are also interested in short communications that clearly address a specific issue or completely present a new ecological network, food web, or metabolic or gene network, etc.

Authors can submit their works to the email box of this journal, networkbiology@iaees.org and (or) wjzhang@iaees.org. All manuscripts submitted to Network Biology must be previously unpublished and may not be considered for publication elsewhere at any time during review period of this journal.

In addition to free submissions from authors around the world, special issues are also accepted. The organizer of a special issue can collect submissions (yielded from a research project, a research group, etc.) on a specific topic, or submissions of a conference for publication of special issue.

Editorial Office: networkbiology@iaees.org

Publisher: International Academy of Ecology and Environmental Sciences

Address: Flat C, 23/F, Lucky Plaza, 315-321 Lockhart Road, Wanchai, Hong Kong

Tel: 00852-6555 7188

Fax: 00852-3177 9906

E-mail: office@iaees.org

Network Biology

ISSN 2220-8879

Volume 3, Number 2, 1 June 2013

Articles

Cryptic successors unrevealed even by network analysis: A comparative study of two paper wasp species

Anindita Bhadra, Ferenc Jordán 54-66

Network modelling is strictly required for predicting climate change impacts on biodiversity

Alessandro Ferrarini 67-73

3D structure prediction of replication factor C subunits (RFC) and their interactome in *Arabidopsis thaliana*

Mohamed Ragab Abdel Gawwad, Jasmin Šutković, Emina Zahirović, et al. 74-86

The International Academy of Ecology and Environmental Sciences (IAEES) is a nonprofit and registered international organization. It devotes to promote global ecology and environmental sciences and protect global ecological environments, by publishing scientific publications, conducting research activities, launching environmental programs, disseminating knowledge and technologies, sponsoring conferences, and providing information and discussion spaces, etc. The responsibility for these publications rests with the International Academy of Ecology and Environmental Sciences.

IAEES

<http://www.iaees.org/>