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Journal Information

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Classification History

Year	A+	A	B	C
2026		✓	✓	
2025		✓	✓	
2024		✓	✓	
2023		✓	✓	
2021/2022		✓	✓	
2020		✓	✓	
2019		✓	✓	
2018		✓		

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Recent Articles

Multistability and finite-time extinction in opinion-coupled competing epidemics
2027-1 Vol. 403 Pages 109836
Authors: Huilin Pu, Shidong Zhai, Zhenmei Zhang
DOI: 10.1016/j.mbs.2026.109836

Invariant image reparameterisation: Bridging symbolic and numerical methods for identifiability analysis, model reduction, and prediction
2027-1 Vol. 403 Pages 109844
Authors: Oliver J. Maclaren, Ruanui Nicholson, Joel A. Trent et al.
DOI: 10.1016/j.mbs.2026.109844

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2027-1 Vol. 403 Pages 109843
Authors: Yong See Foo, Adriana Zanca, Jennifer A. Flegg et al.
DOI: 10.1016/j.mbs.2026.109843

A bounded stochastic extended Boolean model for signal amplification, noise propagation, and feedback oscillation in cell signaling pathways
2027-1 Vol. 403 Pages 109842
Authors: Minsoo Kim
DOI: 10.1016/j.mbs.2026.109842

Vaccination-driven suppression, stochastic variability, and contact saturation in HPV-cervical cancer transmission in India: A Black-Karasinski perturbation model
2027-1 Vol. 403 Pages 109839
Authors: T.A. Midhun, K. Murugesan
DOI: 10.1016/j.mbs.2026.109839

Wastewater-informed agent-based modelling of hepatitis E transmission dynamics
2027-1 Vol. 403 Pages 109840
Authors: Karina Wallrafen-Sam, Jasmin Javanmardi, Nina Schmid et al.
DOI: 10.1016/j.mbs.2026.109840

A cancer-inspired metaheuristic for optimal control of breast cancer treatment
2027-1 Vol. 403 Pages 109835
Authors: Asiyeh Ebrahimzadeh, Raheleh Khanduzi, Seyed Reza Khandoozi et al.
DOI: 10.1016/j.mbs.2026.109835

Asymptotic dynamics of a transboundary fishery model and the impact of fishing costs under competitive and cooperative scenarios
2027-1 Vol. 403 Pages 109841
Authors: Anh Minh Tran, Dinh Quang Nguyen, Trong Hieu Nguyen
DOI: 10.1016/j.mbs.2026.109841

Threshold dynamics and intervention strategy optimization in a maize-vector delayed system for streak virus disease
2027-1 Vol. 403 Pages 109838
Authors: Lili Liu, Ziran Gao, Sanyi Tang et al.
DOI: 10.1016/j.mbs.2026.109838

Parkinson’s disease, Gaucher disease, and bistability in the lysosomal degradation pathway
2026-12 Vol. 402 Pages 109827
Authors: Michael C. Reed, Janet Best, Peter Lansbury et al.
DOI: 10.1016/j.mbs.2026.109827