Green Journals

International Approved Journals

Journal Information

Journal Title	Journal of Mathematical Biology
Publisher	Springer Science and Business Media Deutschland GmbH
ISSN	0303-6812
E-ISSN	1432-1416
Database	SCOPUS
Domain	Health Sciences, Life Sciences, Physical Sciences, Social Sciences

Classification History

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

Classification: The table above shows all journal classifications recorded for each classification year in the Green Journals database. A journal may have more than one classification in the same year.

Recent Articles

How negative feedback from filamentous actin affects cell shapes and motility
2026-11-3 Vol. 93 Issue 6
Authors: Jack M. Hughes, Jupiter Algorta, Leah Edelstein-Keshet
DOI: 10.1007/s00285-026-02469-0

Generalizing the Levins metapopulation model onto time varying colonization and extinction rates
2026-11-3 Vol. 93 Issue 6
Authors: Ramiro Bustamante, Gonzalo Robledo
DOI: 10.1007/s00285-026-02485-0

Hybrid dynamical system model for seasonal mosquito competition with reproductive interference
2026-11-3 Vol. 93 Issue 6
Authors: Lijie Chang, Jianglong Xiao, Jianshe Yu et al.
DOI: 10.1007/s00285-026-02486-z

Single-cell directional sensing at ultra-low chemoattractant concentrations from extreme first-passage events
2026-10-29 Vol. 93 Issue 5
Authors: Vincent Fiorino, Sean D. Lawley, Alan E. Lindsay
DOI: 10.1007/s00285-026-02478-z

A stochastic model for immune response with mutations and evolution: the non-spatial setting
2026-10-29 Vol. 93 Issue 5
Authors: Carolina Grejo, Fabio Lopes, Fábio Machado et al.
DOI: 10.1007/s00285-026-02481-4

Effect of sampling on the descriptive distributions of correlated random walks
2026-10-29 Vol. 93 Issue 5
Authors: Joseph D. Bailey, Jessica Claridge
DOI: 10.1007/s00285-026-02479-y

From forward-backward sweep to backpropagation for optimal control in tumor-immune dynamics
2026-10-29 Vol. 93 Issue 5
Authors: Wenjing Zhang, Wandi Ding, Huaiping Zhu
DOI: 10.1007/s00285-026-02475-2

Fingering instability at the interface between growing and not-growing cell populations with different mobilities
2026-10-21 Vol. 93 Issue 5
Authors: P. Ciarletta, M. Magri, D. Shkurti et al.
DOI: 10.1007/s00285-026-02463-6

Modeling and parameter estimation of tumor spheroids from bottom-view imaging: beyond the spherical assumption
2026-10-21 Vol. 93 Issue 5
Authors: Tiphaine Delaunay, Faiza Laanani, Léa Pechtimaldjian et al.
DOI: 10.1007/s00285-026-02476-1

A model for mosquito-borne epidemic outbreaks with information-dependent protective behaviour
2026-10-16 Vol. 93 Issue 5
Authors: Simone De Reggi, Andrea Pugliese, Mattia Sensi et al.
DOI: 10.1007/s00285-026-02472-5