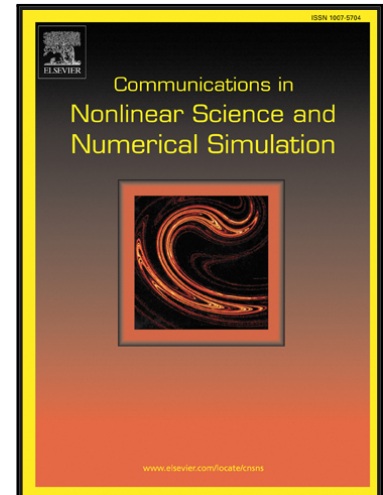


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A delayed-diffusive predator-prey model with a ratio-dependent functional response

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Highlights

- We model a delayed-diffusive predator-prey system with ratio-dependent functional response.
- The Turing instability and Hopf bifurcation are studied.
- The effect of spatial diffusion of both predator and prey is discussed.
- The effect of death rate and competition within the predator are analyzed.

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