# Rui Xu

## List of Publications by Year
## in descending order

| | | | |
|---|---|---|---|
| **9**<br>papers | **156**<br>citations | 1478505<br>**6**<br>h-index | 1474206<br>**9**<br>g-index |
| **9**<br>all docs | **9**<br>docs citations | **9**<br>times ranked | **131**<br>citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Threshold dynamics of an HIV-1 virus model with both virus-to-cell and cell-to-cell transmissions, intracellular delay, and humoral immunity. Applied Mathematics and Computation, 2017, 315, 516-530. | 2.2 | 59 |
| 2 | Stability and Hopf bifurcation in a viral infection model with nonlinear incidence rate and delayed immune response. Communications in Nonlinear Science and Numerical Simulation, 2012, 17, 964-978. | 3.3 | 37 |
| 3 | Hopf bifurcation analysis of a BAM neural network with multiple time delays and diffusion. Applied Mathematics and Computation, 2015, 266, 909-926. | 2.2 | 28 |
| 4 | Hopf Bifurcation Analysis of a Reaction-Diffusion Neural Network with Time Delay in Leakage Terms and Distributed Delays. Neural Processing Letters, 2016, 43, 173-193. | 3.2 | 11 |
| 5 | Spatiotemporal Dynamics in Reaction–Diffusion Neural Networks Near a Turing–Hopf Bifurcation Point. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2019, 29, 1950154. | 1.7 | 7 |
| 6 | Mean-square Stability in Lagrange Sense for Stochastic Memristive Neural Networks with Leakage Delay. International Journal of Control, Automation and Systems, 2019, 17, 2145-2158. | 2.7 | 7 |
| 7 | Dynamics of a Within-Host Virus Infection Model with Multiple Pathways: Stability Switch and Global Stability. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2021, 31, . | 1.7 | 3 |
| 8 | Backward bifurcation and stability analysis in a within-host HIV model with both virus-to-cell infection and cell-to-cell transmission, and anti-retroviral therapy. Mathematics and Computers in Simulation, 2022, 200, 162-185. | 4.4 | 3 |
| 9 | Stability and Hopf Bifurcation of a Delayed Viral Infection Dynamics Model with Immune Impairment. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2021, 31, 2150141. | 1.7 | 1 |