

# Tianran Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1955450/publications.pdf>

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10  
papers

247  
citations

1478505

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1588992

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all docs

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docs citations

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times ranked

136  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Invasion waves for a diffusive predator-prey model with two preys and one predator. International Journal of Biomathematics, 2020, 13, 2050081.           | 2.9 | 4         |
| 2  | Traveling Waves for a Class of Diffusive Disease-Transmission Models with Network Structures. SIAM Journal on Mathematical Analysis, 2018, 50, 5719-5748. | 1.9 | 19        |
| 3  | Traveling waves for a reaction-diffusion-advection predator-prey model. Nonlinear Analysis: Real World Applications, 2017, 36, 203-232.                   | 1.7 | 21        |
| 4  | Minimal wave speed for a class of non-cooperative reaction-diffusion systems of three equations. Journal of Differential Equations, 2017, 262, 4724-4770. | 2.2 | 38        |
| 5  | Minimal wave speed for a class of non-cooperative diffusion-reaction system. Journal of Differential Equations, 2016, 260, 2763-2791.                     | 2.2 | 60        |
| 6  | Traveling Wave Solutions for Epidemic Cholera Model with Disease-Related Death. Scientific World Journal, The, 2014, 2014, 1-14.                          | 2.1 | 3         |
| 7  | Existence of Traveling Wave Solutions for Cholera Model. Abstract and Applied Analysis, 2014, 2014, 1-11.   | 0.7 | 0         |
| 8  | Minimal Wave Speed of Bacterial Colony Model with Saturated Functional Response. Abstract and Applied Analysis, 2014, 2014, 1-9.                          | 0.7 | 0         |
| 9  | Existence of traveling wave solutions for influenza model with treatment. Journal of Mathematical Analysis and Applications, 2014, 419, 469-495.          | 1.0 | 50        |
| 10 | Hopf bifurcation and bistability of a nutrient-phytoplankton-zooplankton model. Applied Mathematical Modelling, 2012, 36, 6225-6235.                      | 4.2 | 52        |