# Zahra Aminzare

List of Publications by Year
in descending order

| 13 | 234 | 1683934 | 1719901 |
|---|---|---|---|
| papers | citations | 5 | 7 |
| | | h-index | g-index |

| 13 | 13 | 13 | 237 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | A Mathematical Description of Bacterial Chemotaxis in Response to Two Stimuli. Bulletin of Mathematical Biology, 2022, 84, 9. | 0.9 | 3 |
| 2 | Stochastic Logarithmic Lipschitz Constants: A Tool to Analyze Contractivity of Stochastic Differential Equations. , 2022, 6, 2311-2316. | | 1 |
| 3 | Stochastic synchronization in nonlinear network systems driven by intrinsic and coupling noise. Biological Cybernetics, 2022, 116, 147-162. | 0.6 | 1 |
| 4 | Heterogeneous Inputs to Central Pattern Generators Can Shape Insect Gaits. SIAM Journal on Applied Dynamical Systems, 2019, 18, 1037-1059. | 0.7 | 5 |
| 5 | Mixed mode oscillations and phase locking in coupled FitzHugh-Nagumo model neurons. Chaos, 2019, 29, 033105. | 1.0 | 31 |
| 6 | On Phase Reduction and Time Period of Noisy Oscillators. , 2019, , . | | 5 |
| 7 | Gait Transitions in a Phase Oscillator Model of an Insect Central Pattern Generator. SIAM Journal on Applied Dynamical Systems, 2018, 17, 626-671. | 0.7 | 21 |
| 8 | Logarithmic sensing in Bacillus subtilis aerotaxis. Npj Systems Biology and Applications, 2017, 3, 16036. | 1.4 | 29 |
| 9 | Synchronization of Diffusively-Connected Nonlinear Systems: Results Based on Contractions with Respect to General Norms. IEEE Transactions on Network Science and Engineering, 2014, 1, 91-106. | 4.1 | 26 |
| 10 | Remarks on diffusive-link synchronization using non-Hilbert logarithmic norms. , 2014, , . | | 2 |
| 11 | Contraction methods for nonlinear systems: A brief introduction and some open problems. , 2014, , . | | 91 |
| 12 | Logarithmic Lipschitz norms and diffusion-induced instability. Nonlinear Analysis: Theory, Methods & Applications, 2013, 83, 31-49. | 0.6 | 15 |
| 13 | Spatial uniformity in diffusively-coupled systems using weighted $L^2$ norm contractions. , 2013, , . | | 4 |