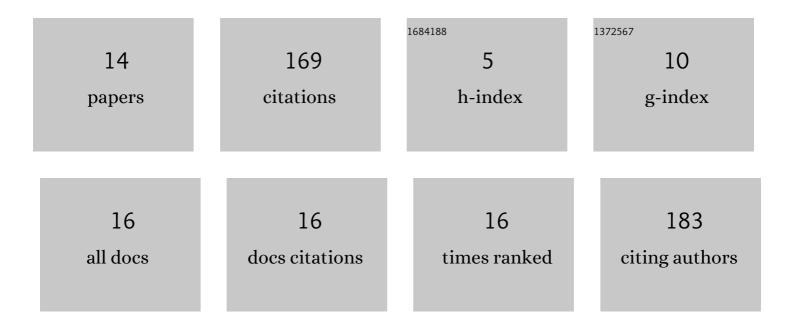
Ehsan Mirzakhalili

List of Publications by Year in descending order

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FHSAN MIDZAKHALILL

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Quantitative Sensory Testing of Spinal Cord and Dorsal Root Ganglion Stimulation in Chronic Pain Patients. Neuromodulation, 2021, 24, 672-684. | 0.8 | 5 |
| 2 | Closed-loop Optimization of Retinal Ganglion Cell Responses to Epiretinal Stimulation: A Computational Study. , 2021, , . | | 6 |
| 3 | Real-Time Optimization of Retinal Ganglion Cell Spatial Activity in Response to Epiretinal Stimulation. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2021, 29, 2733-2741. | 4.9 | 5 |
| 4 | Biophysics of Temporal Interference Stimulation. Cell Systems, 2020, 11, 557-572.e5. | 6.2 | 78 |
| 5 | Probabilistic Analysis of Bifurcations in Stochastic Nonlinear Dynamical Systems. Journal of Computational and Nonlinear Dynamics, 2019, 14, . | 1.2 | 5 |
| 6 | A mathematical and computational model of the calcium dynamics in Caenorhabditis elegans ASH sensory neuron. PLoS ONE, 2018, 13, e0201302. | 2.5 | 17 |
| 7 | Reduced-order models for the dynamics of superparamagnetic nanoparticles interacting with cargoes transported by kinesins. Nonlinear Dynamics, 2017, 90, 425-442. | 5.2 | 4 |
| 8 | Synaptic Impairment and Robustness of Excitatory Neuronal Networks with Different Topologies. Frontiers in Neural Circuits, 2017, 11, 38. | 2.8 | 6 |
| 9 | Transport by a Kinesin in the Presence of Magnetic Nanoparticles. Biophysical Journal, 2015, 108, 137a. | 0.5 | 1 |
| 10 | High-Order Solution of Viscoelastic Fluids Using the Discontinuous Galerkin Method. Journal of Fluids Engineering, Transactions of the ASME, 2015, 137, . | 1.5 | 13 |
| 11 | Lattice Boltzmann Simulation of Electrokinetic Valving in a Pressure Driven Micro-Junction. Engineering Applications of Computational Fluid Mechanics, 2012, 6, 403-411. | 3.1 | 0 |
| 12 | Heat Transfer Enhancement Across a Pair of Confined Cylinders Using Improved Particle Swarm Optimization Algorithm. , 2012, , . | | 3 |
| 13 | A Newton-Krylov Algorithm for High-Order Finite Element Computation of Heat Conduction Problems. , 2012, , . | | 0 |
| 14 | Non-Newtonian power-law fluid flow and heat transfer computation across a pair of confined elliptical cylinders in the line array. Journal of Non-Newtonian Fluid Mechanics, 2012, 171-172, 67-82. | 2.4 | 25 |