

Eugene Kashdan

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

137
citations

1307366

7
h-index

1199470

12
g-index

14
all docs

14
docs citations

14
times ranked

114
citing authors

#	ARTICLE	IF	CITATIONS
1	Emergence of Compact Structures in a Klein-Gordon Model. <i>Physical Review Letters</i> , 2010, 104, 034101.	2.9	31
2	Compactification of Nonlinear Patterns and Waves. <i>Physical Review Letters</i> , 2008, 101, 264101.	2.9	28
3	A Fast Explicit Operator Splitting Method for Passive Scalar Advection. <i>Journal of Scientific Computing</i> , 2010, 45, 200-214.	1.1	17
4	High-order accurate modeling of electromagnetic wave propagation across media â€“ Grid conforming bodies. <i>Journal of Computational Physics</i> , 2006, 218, 816-835.	1.9	12
5	Mean field mutation dynamics and the continuous Luriaâ€“DelbrÃ¼ck distribution. <i>Mathematical Biosciences</i> , 2012, 240, 223-230.	0.9	11
6	Modeling and simulation of a low-grade urinary bladder carcinoma. <i>Computers in Biology and Medicine</i> , 2015, 58, 118-129.	3.9	10
7	A High-Order Accurate Method for Frequency Domain Maxwell Equations with Discontinuous Coefficients. <i>Journal of Scientific Computing</i> , 2006, 27, 75-95.	1.1	7
8	Performance analysis of Volna-OP2 â€“ massively parallel code for tsunami modelling. <i>Computers and Fluids</i> , 2020, 209, 104649.	1.3	6
9	Hybrid discrete-continuous model of invasive bladder cancer. <i>Mathematical Biosciences and Engineering</i> , 2013, 10, 729-742.	1.0	6
10	Estimating the conditional probability of developing human papilloma virus related oropharyngeal cancer by combining machine learning and inverse Bayesian modelling. <i>PLoS Computational Biology</i> , 2021, 17, e1009289.	1.5	5
11	Simulation of electromagnetic scattering with stationary or accelerating targets. <i>International Journal of Modern Physics C</i> , 2015, 26, 1550075.	0.8	3
12	A new parallelization strategy for solving time-dependent 3D Maxwell equations using a high-order accurate compact implicit scheme. <i>International Journal of Numerical Modelling: Electronic Networks, Devices and Fields</i> , 2006, 19, 391-408.	1.2	1
13	Image formation of thick three-dimensional objects in differential-interference-contrast microscopy. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2014, 31, 968.	0.8	0
14	From the guest editors. <i>Mathematical Biosciences and Engineering</i> , 2011, 8, i-ii.	1.0	0