

Sai-Mang Pun

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Computational multiscale methods for linear poroelasticity with high contrast. Journal of Computational Physics, 2019, 395, 286-297.	3.8	13
2	Computational multiscale methods for quasi-gas dynamic equations. Journal of Computational Physics, 2021, 440, 110352.	3.8	11
3	Computational multiscale methods for first-order wave equation using mixed CEM-GMsFEM. Journal of Computational Physics, 2020, 409, 109359.	3.8	10
4	A multi-stage deep learning based algorithm for multiscale model reduction. Journal of Computational and Applied Mathematics, 2021, 394, 113506.	2.0	10
5	Temporal splitting algorithms for non-stationary multiscale problems. Journal of Computational Physics, 2021, 439, 110375.	3.8	9
6	Goal-oriented adaptivity of mixed GMsFEM for flows in heterogeneous media. Computer Methods in Applied Mechanics and Engineering, 2017, 323, 151-173.	6.6	6
7	Online Adaptive Basis Enrichment for Mixed CEM-GMsFEM. Multiscale Modeling and Simulation, 2019, 17, 1103-1122.	1.6	6
8	Online basis construction for goal-oriented adaptivity in the generalized multiscale finite element method. Journal of Computational Physics, 2019, 393, 59-73.	3.8	3
9	Computational multiscale method for parabolic wave approximations in heterogeneous media. Applied Mathematics and Computation, 2022, 425, 127044.	2.2	3
10	An adaptive dynamically low-dimensional approximation method for multiscale stochastic diffusion equations. Journal of Computational and Applied Mathematics, 2019, 356, 302-313.	2.0	1
11	Convergence of the CEM-GMsFEM for Stokes flows in heterogeneous perforated domains. Journal of Computational and Applied Mathematics, 2021, 389, 113327.	2.0	1
12	Iterative oversampling technique for constraint energy minimizing generalized multiscale finite element method in the mixed formulation. Applied Mathematics and Computation, 2022, 415, 126622.	2.2	0
13	A multiscale method for the heterogeneous Signorini problem. Journal of Computational and Applied Mathematics, 2022, , 114160.	2.0	0