A Complete Bibliography of Publications in *Journal of Computational Physics*: 2025–2029

Nelson H. F. Beebe
University of Utah
Department of Mathematics, 110 LCB
155 S 1400 E RM 233
Salt Lake City, UT 84112-0090
USA

Tel: +1 801 581 5254
E-mail: beebe@math.utah.edu, beebe@acm.org, beebe@computer.org (Internet)
WWW URL: https://www.math.utah.edu/~beebe/

18 November 2024
Version 1.00

Title word cross-reference

References

Anonymous:2025:Ja

[Ano25a] Anonymous. 1 January 2025. *Journal of Computational Physics*, 520(??):??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic).

Anonymous:2025:EBt

[Ano25b] Anonymous. Editorial Board. *Journal of Computational Physics*, 520(??):??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0021999124008313`.

Batlle:2025:EAK

[BCH+25] Pau Batlle, Yifan Chen, Bamdad Hosseini, Houman Owhadi, and Andrew M. Stuart. Error analysis of kernel/GP methods for nonlinear and parametric PDEs. *Journal of Computational Physics*, 520(??):??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0021999124007368`.

Bao:2025:CGS

[BCZ25] Weizhu Bao, Zhipeng Chang, and Xiaofei Zhao. Computing ground states of Bose–Einstein condensation by normalized deep neural network. *Journal of Computational Physics*, 520(??):??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0021999124007344`.

Bone:2025:GED

[BvdHM+25] Viv Bone, Chris van der Heide, Kieran Mackle, Ingo Jahn, Peter M. Dower, and Chris Manzie. Gradient-enhanced deep Gaussian processes for multifidelity modeling. *Journal of Computational Physics*, 520(??):??, January 1, 2025. CODEN

JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0021999124007228.

Caldana:2025:DAV

[CAD25] Matteo Caldana, Paola F. Antonietti, and Luca Dede'. Discovering artificial viscosity models for discontinuous Galerkin approximation of conservation laws using physics-informed machine learning. *Journal of Computational Physics*, 520(??):??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0021999124007241.

Carson:2025:HOA

[CBHS25] Allison M. Carson, Jeffrey W. Banks, William D. Henshaw, and Donald W. Schwendeman. High-order accurate implicit-explicit time-stepping schemes for wave equations on overset grids. *Journal of Computational Physics*, 520(??):??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0021999124007617.

Chen:2025:LBN

[CCLM25] Yu Chen, Jin Cheng, Tingyue Li, and Yun Miao. A learning based numerical method for Helmholtz equations with high frequency. *Journal of Computational Physics*, 520(??):??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0021999124007265.

Chen:2025:BPO

[CCWX25] Wei Chen, Shumo Cui, Kailiang Wu, and Tao Xiong. Bound-preserving OEDG schemes for Aw–Rascle–Zhang traffic models on networks. *Journal of Computational Physics*, 520(??):??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0021999124007551.

Chandran:2025:SAT

[CEvW25] Akshay Chandran, Fabien Evrard, and Berend van Wachem. A semi-analytical transient undisturbed velocity correction scheme for wall-bounded two-way coupled Euler–Lagrange simulations. *Journal of Computational Physics*, 520(??):??, January

1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0021999124007447.

Cui:2025:MSP

[CFMZ25] Ziqi Cui, Kaikai Feng, Qihan Ma, and Jun Zhang. A multiscale stochastic particle method based on the Fokker–Planck model for nonequilibrium gas flows. *Journal of Computational Physics*, 520(??):??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL http://www.sciencedirect.com/science/article/pii/S002199912400706X.

Cances:2025:RRS

[CGB+25] Mathieu Cances, Luc Giraud, Michael Bauerheim, Laurent Gicquel, and Franck Nicoud. Robustness and reliability of state-space, frame-based modeling for thermoacoustics. *Journal of Computational Physics*, 520(??):??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0021999124007204.

Caucao:2025:NTS

[CGMS25] Sergio Caucao, Gabriel N. Gatica, Saulo R. Medrado, and Yuri D. Sobral. Nonlinear twofold saddle point-based mixed finite element methods for a regularized $\mu(I)$-rheology model of granular materials. *Journal of Computational Physics*, 520(??):??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0021999124007101.

Chen:2025:TDC

[CGS+25] Yujie Chen, Junhua Gong, Dongliang Sun, Dongxu Han, Peng Wang, Bo Yu, and Wen-Quan Tao. A three-dimensional curve interface reconstruction algorithm for two-phase fluid flow. *Journal of Computational Physics*, 520(??):??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL http://www.sciencedirect.com/science/article/pii/S002199912400737X.

Chen:2025:NDO

[CW25] Chuanqi Chen and Jin-Long Wu. Neural dynamical operator: Continuous spatial-temporal model with gradient-based and derivative-free optimization methods. *Journal of Computational Physics*, 520(??):??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0021999124007289.

Chen:2025:NRS

[CWZ25] Shuxiang Chen, Jue Wang, and Lei Zhang. Non-radiating sources in elastodynamics and their applications in the exterior cloaking. *Journal of Computational Physics*, 520(??):??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0021999124007538.

Cao:2025:ASI

[CZ25] Wenbo Cao and Weiwei Zhang. An analysis and solution of ill-conditioning in physics-informed neural networks. *Journal of Computational Physics*, 520(??):??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0021999124007423.

Duan:2025:KPA

[DEB25] Yu Duan, Matthew Eaton, and Michael Bluck. A Kronecker product accelerated efficient sparse Gaussian process (E-SGP)for flow emulation. *Journal of Computational Physics*, 520(??):??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0021999124007083.

Deng:2025:MBM

[DHN+25] Hong Deng, Haifeng Hong, Chunsheng Nie, Hong Fang, and Liang Xie. Multi-body mesh deformation using a multi-level localized dual-restricted radial basis function interpolation. *Journal of Computational Physics*, 520(??):??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0021999124007502.

Deng:2025:AHC

[DSMX25] Yunhong Deng, Sihong Shao, Alex Mogilner, and Mingtao Xia. Adaptive hyperbolic-cross-space mapped Jacobi method on unbounded domains with applications to solving multidimensional spatiotemporal integrodifferential equations. *Journal* *of Computational Physics*, 520(??):??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL http://www.sciencedirect.com/science/article/pii/S002199912400740X.

Esmaily:2025:ASU

[EJ25] Mahdi Esmaily and Dongjie Jia. An augmented streamline upwind/Petrov–Galerkin method for the time-spectral convection–diffusion equation. *Journal of Computational Physics*, 520(??): ??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0021999124007320.

Fabiani:2025:RSN

[FKSY25] Gianluca Fabiani, Ioannis G. Kevrekidis, Constantinos Siettos, and Athanasios N. Yannacopoulos. RandONets: Shallow networks with random projections for learning linear and nonlinear operators. *Journal of Computational Physics*, 520(??):??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0021999124006818.

Godunov:2025:ICQ

[God25] S. K. Godunov. Interesting class of quasilinear systems. *Journal of Computational Physics*, 520(??):??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0021999124007691.

Gillard:2025:PEO

[GSC25] Mike Gillard, Joanna Szmelter, and Francesco Cocetta. Preconditioning elliptic operators in high-performance all-scale atmospheric models on unstructured meshes. *Journal of Computational Physics*, 520(??):??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0021999124007514.

Gao:2025:STO

[GZL25] Yingning Gao, Sizhu Zhou, and Meiqiu Li. Structural topology optimization based on deep learning. *Journal of Computational Physics*, 520(??):??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic).

URL http://www.sciencedirect.com/science/article/pii/S002199912400754X.

Huang:2025:NHO

[HLF25] Haohan Huang, Xinliang Li, and Lin Fu. A new high-order RKDG method based on the TENO–THINC scheme for shock-capturing. *Journal of Computational Physics*, 520(??):??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0021999124007071.

Ishimwe:2025:MSI

[IDLL25] Ange Pacifique Ishimwe, Eric Deleersnijder, Vincent Legat, and Jonathan Lambrechts. A multi-scale IMEX second order Runge–Kutta method for 3D hydrodynamic ocean models. *Journal of Computational Physics*, 520(??):??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0021999124007307.

Jordan:2025:MFS

[JL25] Josiah J. P. Jordan and Duncan A. Lockerby. The method of fundamental solutions for multi-particle Stokes flows: Application to a ring-like array of spheres. *Journal of Computational Physics*, 520(??):??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0021999124007356.

Jiang:2025:FAA

[JTZ+25] Fuhang Jiang, Toru Takahashi, Changjun Zheng, Toshiro Matsumoto, and Haibo Chen. Framework of acoustic analysis and shape optimization for three-dimensional doubly periodic multi-layered structures. *Journal of Computational Physics*, 520(??):??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0021999124007319.

Janodet:2025:FCA

[JvWD25] Romain Janodet, Berend van Wachem, and Fabian Denner. A fully-coupled algorithm with implicit surface tension treatment for interfacial flows with large density ratios. *Journal of Computational Physics*, 520(??):??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic).

URL http://www.sciencedirect.com/science/article/pii/S002199912400768X.

Jiang:2025:LRB

[JZXR25] Pengfei Jiang, Hui Zheng, Jingang Xiong, and Timon Rabczuk. The localized radial basis function collocation method for dendritic solidification, solid phase sintering and wetting phenomenon based on phase field. *Journal of Computational Physics*, 520(??): ??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0021999124007630.

Khedkar:2025:PML

[KMG+25] Kaustubh Khedkar, Amirreza Charchi Mamaghani, Pieter Ghysels, Neelesh A. Patankar, and Amneet Pal Singh Bhalla. Preventing mass loss in the standard level set method: New insights from variational analyses. *Journal of Computational Physics*, 520(??): ??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0021999124007435.

Kopriva:2025:EBD

[KWN25] David A. Kopriva, Andrew R. Winters, and Jan Nordström. Energy bounds for discontinuous Galerkin spectral element approximations of well-posed overset grid problems for hyperbolic systems. *Journal of Computational Physics*, 520(??):??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0021999124007563.

Lilly:2025:LTS

[LCE+25] Jeremy R. Lilly, Giacomo Capodaglio, Darren Engwirda, Robert L. Higdon, and Mark R. Petersen. Local time-stepping for the shallow water equations using CFL optimized forward-backward Runge–Kutta schemes. *Journal of Computational Physics*, 520(??):??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0021999124007599.

Laiu:2025:DIM

[LEH+25] M. Paul Laiu, Eirik Endeve, J. Austin Harris, Zachary Elledge, and Anthony Mezzacappa. DG-IMEX method for a two-moment model for radiation transport in the $\mathcal{O}(v/c)$ limit. *Journal of Computational Physics*, 520(??):??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0021999124007253.

Liu:2025:RTC

[LHGH25] Cheng Liu, Yiding Hu, Ruoqing Gao, and Changhong Hu. Robust treatment for the coarse/fine interface of adaptive mesh in the simulation of two-phase flow. *Journal of Computational Physics*, 520(??):??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0021999124007332.

Li:2025:TBC

[LXZ+25] Haochen Li, Jinhan Xie, Chi Zhang, Yuchen Zhang, and Yaomin Zhao. A transformer-based convolutional method to model inverse cascade in forced two-dimensional turbulence. *Journal of Computational Physics*, 520(??):??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL http://www.sciencedirect.com/science/article/pii/S002199912400723X.

Mossier:2025:NSP

[MJC+25] Pascal Mossier, Steven Jöns, Simone Chiocchetti, Andrea D. Beck, and Claus-Dieter Munz. Numerical simulation of phase transition with the hyperbolic Godunov–Peshkov–Romenski model. *Journal of Computational Physics*, 520(??):??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0021999124007629.

Permyakova:2025:HOS

[PG25] Evelina V. Permyakova and Denis S. Goldobin. High-order schemes of exponential time differencing for stiff systems with nondiagonal linear part. *Journal of Computational Physics*, 520(??):??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0021999124007411.

Ranocha:2025:RHO

[RWSL$^+$25] Hendrik Ranocha, Andrew R. Winters, Michael Schlottke-Lakemper, Philipp Öffner, Jan Glaubitz, and Gregor J. Gassner. On the robustness of high-order upwind summation-by-parts methods for nonlinear conservation laws. *Journal of Computational Physics*, 520(??):??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0021999124007198.

Shahbazi:2025:ITM

[SE25] Ali Akbar Shahbazi and Vahid Esfahanian. Improving turbulence modeling for gas turbine blades: a novel approach to address flow transition and stagnation point anomalies. *Journal of Computational Physics*, 520(??):??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0021999124007472.

Sidilkover:2025:SVE

[Sid25] David Sidilkover. Spurious vorticity in Eulerian and Lagrangian methods. *Journal of Computational Physics*, 520(??):??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0021999124007587.

Svard:2025:NEB

[SK25] Magnus Svärd and Henrik Kalisch. A novel energy-bounded Boussinesq model and a well balanced and stable numerical discretisation. *Journal of Computational Physics*, 520(??):??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0021999124007642.

Song:2025:PIM

[SMZ25] Suihong Song, Tapan Mukerji, and Dongxiao Zhang. Physics-informed multi-grid neural operator: Theory and an application to porous flow simulation. *Journal of Computational Physics*, 520(??):??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0021999124006867.

Sitnikov:2025:MNS

[ST25] S. S. Sitnikov and F. G. Tcheremissine. A method for numerical simulation of shock waves in rarefied gas mixtures based on direct solution of the Boltzmann kinetic equation. *Journal of Computational Physics*, 520(??):??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0021999124007113`.

Shi:2025:GSI

[SZW25] Zheng Shi, Yanbing Zhang, and Lei Wu. General synthetic iterative scheme for non-equilibrium dense gas flows. *Journal of Computational Physics*, 520(??):??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0021999124007496`.

Tatsios:2025:DCC

[TCK+25] Giorgos Tatsios, Arun K. Chinnappan, Arshad Kamal, Nikos Vasileiadis, Stephanie Y. Docherty, Craig White, Livio Gibelli, Matthew K. Borg, James R. Kermode, and Duncan A. Lockerby. A DSMC-CFD coupling method using surrogate modelling for low-speed rarefied gas flows. *Journal of Computational Physics*, 520(??):??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0021999124007484`.

Wang:2025:ITM

[WCZ25] Mengdi Wang, Matthew Cong, and Bo Zhu. An interface tracking method with triangle edge cuts. *Journal of Computational Physics*, 520(??):??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0021999124007526`.

Wang:2025:SLM

[WGS25] Xun Wang, Hongping Guo, and Zhijun Shen. A staggered Lagrangian magnetohydrodynamics method based on subcell Riemann solver. *Journal of Computational Physics*, 520(??):??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0021999124007277`.

Wang:2025:IPI

[WGY+25] Chao Wang, Hui Guo, Xia Yan, Zhang-Lei Shi, and Yang Yang. Improved physics-informed neural networks for the reinterpreted discrete fracture model. *Journal of Computational Physics*, 520(??):??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0021999124007393.

Wen:2025:FOC

[WYC25] Ling Wen, Yan-Tao Yang, and Qing-Dong Cai. A fourth-order compact finite volume method on unstructured grids for simulation of two-dimensional incompressible flow. *Journal of Computational Physics*, 520(??):??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0021999124007095.

Wei:2025:JFD

[WZX25] Lei Wei, Lingling Zhou, and Yinhua Xia. The jump filter in the discontinuous Galerkin method for hyperbolic conservation laws. *Journal of Computational Physics*, 520(??):??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0021999124007460.

Yang:2025:EDW

[YLYZ25] Lin Yang, Xiang-Gui Li, Wei Yan, and Ran Zhang. The energy-diminishing weak Galerkin finite element method for the computation of ground state and excited states in Bose–Einstein condensates. *Journal of Computational Physics*, 520(??):??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0021999124007459.

Zhou:2025:MMM

[ZGP25] Dilong Zhou, Rafael T. Guiraldello, and Felipe Pereira. Multiscale mixed methods with improved accuracy: the role of oversampling and smoothing. *Journal of Computational Physics*, 520(??):??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0021999124007381.

Zeng:2025:SBM

[ZSS25] Xianyi Zeng, Ting Song, and Guglielmo Scovazzi. A Shifted Boundary Method for the compressible Euler equations. *Journal of Computational Physics*, 520(??):??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0021999124007605.

Zhang:2025:WBP

[ZXX25] Jiahui Zhang, Yinhua Xia, and Yan Xu. Well-balanced path-conservative discontinuous Galerkin methods with equilibrium preserving space for two-layer shallow water equations. *Journal of Computational Physics*, 520(??):??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0021999124007216.

Zhai:2025:PBT

[ZZSX25] Qijia Zhai, Shiquan Zhang, Pengtao Sun, and Xiaoping Xie. A projection-based time-segmented reduced order model for fluid–structure interactions. *Journal of Computational Physics*, 520(??):??, January 1, 2025. CODEN JCTPAH. ISSN 0021-9991 (print), 1090-2716 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0021999124007290.