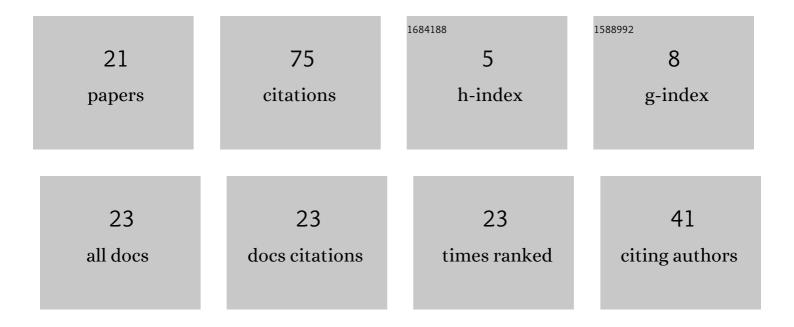
## Boris I Krasnopolsky

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Turbulent flows along a streamwise external corner. Journal of Fluid Mechanics, 2022, 940, .	3.4	1
2	XAMG: A library for solving linear systems with multiple right-hand side vectors. SoftwareX, 2021, 14, 100695.	2.6	8
3	Evaluating Performance of Mixed Precision Linear Solvers with Iterative Refinement. Supercomputing Frontiers and Innovations, 2021, 8, .	0.4	2
4	Revisiting performance of BiCGStab methods for solving systems with multiple right-hand sides. Computers and Mathematics With Applications, 2020, 79, 2574-2597.	2.7	5
5	Predicting Performance of Classical and Modified BiCGStab Iterative Methods. Advances in Parallel Computing, 2020, , .	0.3	Ο
6	Direct numerical simulation of turbulent flow and heat transfer in a hexagonal rod bundle. Journal of Physics: Conference Series, 2019, 1369, 012045.	0.4	0
7	An approach for accelerating incompressible turbulent flow simulations based on simultaneous modelling of multiple ensembles. Computer Physics Communications, 2018, 229, 8-19.	7.5	13
8	A conservative fully implicit algorithm for predicting slug flows. Journal of Computational Physics, 2018, 355, 597-619.	3.8	7
9	Optimizing generation of multiple turbulent flow states. Journal of Physics: Conference Series, 2018, 1129, 012020.	0.4	1
10	Optimal Strategy for Modelling Turbulent Flows with Ensemble Averaging on High Performance Computing Systems. Lobachevskii Journal of Mathematics, 2018, 39, 533-542.	0.9	2
11	Generation of Multiple Turbulent Flow States for the Simulations with Ensemble Averaging. Supercomputing Frontiers and Innovations, 2018, 5, .	0.4	0
12	Unified graph-based multi-fluid model for gas–liquid pipeline flows. Computers and Mathematics With Applications, 2016, 72, 1244-1262.	2.7	10
13	Application of the Jacobian-Free Newton-Krylov method for multiphase pipe flows. AIP Conference Proceedings, 2015, , .	0.4	0
14	Combined multi-fluid and drift-flux approaches for analysis of pipe flows. , 2013, , .		2
15	Modelling Multiphase Flows in a Wellbore Using Multi-Fluid Approach. , 2012, , .		2
16	Multi-fluid pipe flow model for analysis of wellbore dynamics. , 2012, , .		3
17	Heat transfer in a three-dimensional rectangular cavity oriented at an angle to the free-stream. Fluid Dynamics, 2012, 47, 311-319.	0.9	4
18	The reordered BiCGStab method for distributed memory computer systems. Procedia Computer Science, 2010, 1, 213-218.	2.0	12

#	Article	IF	CITATIONS
19	Effect of the disturbance frequency and the boundary layer thickness on heat transfer in a flow over a cubic cavity. Fluid Dynamics, 2010, 45, 27-33.	0.9	3
20	Spatial structure of unstable flow in a three-dimensional cavity. Doklady Physics, 2008, 53, 447-449.	0.7	0

Numerical modeling and analysis of strength properties in glass. Glass and Ceramics (English) Tj ETQq1 1 0.784314  $_{0.8}^{0.8}$  BT /Overlock 10