

# Daniil Bochkov

## List of Publications by Year in descending order

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1684188

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Solving Poisson-type equations with Robin boundary conditions on piecewise smooth interfaces. Journal of Computational Physics, 2019, 376, 1156-1198.	3.8	25
2	Solving elliptic interface problems with jump conditions on Cartesian grids. Journal of Computational Physics, 2020, 407, 109269.	3.8	25
3	Poisson equations in irregular domains with Robin boundary conditions " Solver with second-order accurate gradients. Journal of Computational Physics, 2018, 365, 1-6.	3.8	16
4	The island dynamics model on parallel quadtree grids. Journal of Computational Physics, 2018, 361, 150-166.	3.8	11
5	Functional level-set derivative for a polymer self consistent field theory Hamiltonian. Journal of Computational Physics, 2017, 345, 207-223.	3.8	9
6	Efficient calculation of fully resolved electrostatics around large biomolecules. Journal of Computational Physics, 2021, , 110718.	3.8	5
7	PDE-Based Multidimensional Extrapolation of Scalar Fields over Interfaces with Kinks and High Curvatures. SIAM Journal of Scientific Computing, 2020, 42, A2344-A2359.	2.8	3