

# Alex Main

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12111121/publications.pdf>

Version: 2024-02-01

4  
papers

60  
citations

2258059

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2550090

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52  
citing authors

#	ARTICLE	IF	CITATIONS
1	An enhanced FIVER method for multi-material flow problems with second-order convergence rate. Journal of Computational Physics, 2017, 329, 141-172.	3.8	30
2	A second-order time-accurate implicit finite volume method with exact two-phase Riemann problems for compressible multi-phase fluid and fluid-structure problems. Journal of Computational Physics, 2014, 258, 613-633.	3.8	19
3	Robin-Neumann transmission conditions for fluid-structure coupling: Embedded boundary implementation and parameter analysis. International Journal for Numerical Methods in Engineering, 2018, 115, 578-603.	2.8	6
4	Predictive Simulation of Underwater Implosion: Coupling Multi-Material Compressible Fluids With Cracking Structures. , 2014, , .		5