

# Satya P Jammy

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6271461/publications.pdf>

Version: 2024-02-01

8  
papers

106  
citations

1684188  
5  
h-index

1588992  
8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

80  
citing authors

#	ARTICLE	IF	CITATIONS
1	OpenSBL: Automated code-generation for heterogeneous computing architectures applied to compressible fluid dynamics on structured grids. <i>Computer Physics Communications</i> , 2021, 267, 108063.	7.5	14
2	Performance evaluation of explicit finite difference algorithms with varying amounts of computational and memory intensity. <i>Journal of Computational Science</i> , 2019, 36, 100565.	2.9	4
3	Shock-wave/boundary-layer interactions in the automatic source-code generation framework OpenSBL. <i>Computers and Fluids</i> , 2018, 173, 17-21.	2.5	18
4	An error indicator for finite difference methods using spectral techniques with application to aerofoil simulation. <i>Computers and Fluids</i> , 2018, 168, 67-72.	2.5	12
5	OpenSBL: A framework for the automated derivation and parallel execution of finite difference solvers on a range of computer architectures. <i>Journal of Computational Science</i> , 2017, 18, 12-23.	2.9	41
6	Block-structured compressible Navier–Stokes solution using the OPS high-level abstraction. <i>International Journal of Computational Fluid Dynamics</i> , 2016, 30, 450-454.	1.2	9
7	Boundary conditions and vortex wandering. <i>Journal of Fluid Mechanics</i> , 2014, 747, 350-368.	3.4	4
8	Conjugate Heat-Transfer Analysis for Hypersonic Flow over Finite Thickness Flat Plate. <i>Journal of Aerospace Engineering</i> , 2013, 26, 708-714.	1.4	4