

Nicholas J Curtis

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2539784/publications.pdf>

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5
papers

96
citations

1937685

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2053705

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g-index

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all docs

5
docs citations

5
times ranked

84
citing authors

#	ARTICLE	IF	CITATIONS
1	Accelerating reactive-flow simulations using vectorized chemistry integration. <i>Computer Physics Communications</i> , 2022, 278, 108409.	7.5	1
2	Using SIMD and SIMT vectorization to evaluate sparse chemical kinetic Jacobian matrices and thermochemical source terms. <i>Combustion and Flame</i> , 2018, 198, 186-204.	5.2	6
3	pyJac: Analytical Jacobian generator for chemical kinetics. <i>Computer Physics Communications</i> , 2017, 215, 188-203.	7.5	55
4	An investigation of GPU-based stiff chemical kinetics integration methods. <i>Combustion and Flame</i> , 2017, 179, 312-324.	5.2	15
5	An automated target species selection method for dynamic adaptive chemistry simulations. <i>Combustion and Flame</i> , 2015, 162, 1358-1374.	5.2	19