

# David Coulette

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4098295/publications.pdf>

Version: 2024-02-01

14  
papers

119  
citations

1478505

6  
h-index

1281871

11  
g-index

14  
all docs

14  
docs citations

14  
times ranked

162  
citing authors

#	ARTICLE	IF	CITATIONS
1	High-order implicit palindromic discontinuous Galerkin method for kinetic-relaxation approximation. Computers and Fluids, 2019, 190, 485-502.	2.5	14
2	Implicit time schemes for compressible fluid models based on relaxation methods. Computers and Fluids, 2019, 188, 70-85.	2.5	5
3	Task-Based Parallelization of an Implicit Kinetic Scheme. ESAIM Proceedings and Surveys, 2018, 63, 60-77.	0.4	5
4	Numerical resolution of the global eigenvalue problem for the gyrokinetic-waterbag model in toroidal geometry. Journal of Plasma Physics, 2017, 83, .	2.1	0
5	Palindromic Discontinuous Galerkin Method. Springer Proceedings in Mathematics and Statistics, 2017, , 171-178.	0.2	2
6	Effect of collisional temperature isotropisation on ELM parallel transport in a tokamak scrape-off layer. Plasma Physics and Controlled Fusion, 2016, 58, 085004.	2.1	5
7	Asymptotic and spectral analysis of the gyrokinetic-waterbag integro-differential operator in toroidal geometry. Journal of Mathematical Physics, 2016, 57, 081518.	1.1	1
8	Kinetic simulations of the Chodura and Debye sheaths for magnetic fields with grazing incidence. Plasma Physics and Controlled Fusion, 2016, 58, 025008.	2.1	24
9	Collisionless "thermalization" in the sheath of an argon discharge. Physics of Plasmas, 2015, 22, .	1.9	8
10	An Eulerian Vlasov code for plasma-wall interactions. Journal of Physics: Conference Series, 2014, 561, 012005.	0.4	11
11	An axially propagating two-stream instability in the Hall thruster plasma. Physics of Plasmas, 2014, 21, .	1.9	29
12	A Multi Water Bag model of drift kinetic electron plasma. European Physical Journal D, 2014, 68, 1.	1.3	1
13	Numerical comparisons of gyrokinetic multi-water-bag models. Journal of Computational Physics, 2013, 248, 1-32.	3.8	12
14	Multi-water-bag models of ion temperature gradient instability in cylindrical geometry. Physics of Plasmas, 2013, 20, 052107.	1.9	2