

# Ian Abel

## List of Publications by Year in descending order

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10  
papers

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citations

1040056

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docs citations

10  
times ranked

679  
citing authors

#	ARTICLE	IF	CITATIONS
1	An adjoint method for neoclassical stellarator optimization. Journal of Plasma Physics, 2019, 85, .	2.1	12
2	Astrophysical gyrokinetics: turbulence in pressure-anisotropic plasmas at ion scales and beyond. Journal of Plasma Physics, 2018, 84, .	2.1	38
3	Multiscale modelling for tokamak pedestals. Journal of Plasma Physics, 2018, 84, .	2.1	3
4	First principles of modelling the stabilization of microturbulence by fast ions. Nuclear Fusion, 2018, 58, 082024.	3.5	22
5	Inertial-range kinetic turbulence in pressure-anisotropic astrophysical plasmas. Journal of Plasma Physics, 2015, 81, .	2.1	58
6	Multiscale gyrokinetics for rotating tokamak plasmas: II. Reduced models for electron dynamics. New Journal of Physics, 2013, 15, 023041.	2.9	11
7	Multiscale gyrokinetics for rotating tokamak plasmas: fluctuations, transport and energy flows. Reports on Progress in Physics, 2013, 76, 116201.	20.1	78
8	Experimental Signatures of Critically Balanced Turbulence in MAST. Physical Review Letters, 2013, 110, 145002.	7.8	29
9	Direct multiscale coupling of a transport code to gyrokinetic turbulence codes. Physics of Plasmas, 2010, 17, .	1.9	66
10	Resonant excitation of shear Alfvén perturbations by trapped energetic ions in a tokamak. Physics of Plasmas, 2009, 16, 102506.	1.9	19