

# Edmund Hood Highcock

## List of Publications by Year in descending order

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12  
papers

416  
citations

758635

12  
h-index

1199166

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

448  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phase mixing versus nonlinear advection in drift-kinetic plasma turbulence. Journal of Plasma Physics, 2016, 82, .	0.7	91
2	Turbulent Transport in Tokamak Plasmas with Rotational Shear. Physical Review Letters, 2011, 106, 175004.	2.9	69
3	Transport Bifurcation in a Rotating Tokamak Plasma. Physical Review Letters, 2010, 105, 215003.	2.9	55
4	Transition to subcritical turbulence in a tokamak plasma. Journal of Plasma Physics, 2016, 82, .	0.7	32
5	Zero-Turbulence Manifold in a Toroidal Plasma. Physical Review Letters, 2012, 109, 265001.	2.9	28
6	Subcritical fluctuations and suppression of turbulence in differentially rotating gyrokinetic plasmas. Plasma Physics and Controlled Fusion, 2012, 54, 055011.	0.9	26
7	Suppression of phase mixing in drift-kinetic plasma turbulence. Physics of Plasmas, 2016, 23, .	0.7	25
8	Momentum Injection in Tokamak Plasmas and Transitions to Reduced Transport. Physical Review Letters, 2011, 106, 115004.	2.9	24
9	Ion-scale turbulence in MAST: anomalous transport, subcritical transitions, and comparison to BES measurements. Plasma Physics and Controlled Fusion, 2017, 59, 114003.	0.9	21
10	Transport bifurcation induced by sheared toroidal flow in tokamak plasmas. Physics of Plasmas, 2011, 18, .	0.7	17
11	Validating modeling assumptions of alpha particles in electrostatic turbulence. Journal of Plasma Physics, 2015, 81, .	0.7	16
12	Optimisation of confinement in a fusion reactor using a nonlinear turbulence model. Journal of Plasma Physics, 2018, 84, .	0.7	12