

P.W. Terry

Publications through September, 2019

Refereed Publications

1. "Inhibition of the Trapped Ion Mode by Drift Wave Fluctuations", Wendell Horton, Duk-In Choi, Paul Terry, and Dieter Biskamp, *Phys. Fluids* **23**, 590 (1980).
2. "The Collision Operator and Long-Time Behavior of a Perturbed Two-Body Problem", P.W. Terry, *Cel. Mech.* **23**, 119 (1981).
3. "Dynamical Invariants and the Collision Operator in the Limit of Long Time for a Perturbed Two-Body Problem", P. Terry, *Phys. Lett.* **84a**, 233 (1981).
4. "Induced Molecular Transport Due to Surface Acoustic Waves", Paul Terry and M.W. P. Strandberg, *J. Appl. Phys.* **52**, 4281 (1981).
5. "Theoretical Aspects of the Nonlinear Interaction of Drift-Type Instabilities in a Plasma", Paul Terry, Ph.D. Dissertation, Univ. of Texas at Austin, 1981.
6. "The Asymptotic Form of the Continuum Wave Functions and Redundant Poles in the Heisenberg Condition", Paul Terry, *J. Math. Phys.* **23**, 87 (1982).
7. "Stochasticity and the Random Phase Approximation for Three Electron Drift Waves", Paul Terry and Wendell Horton, *Phys. Fluids* **25**, 491 (1982).
8. "Kinetic Effects on the Toroidal Ion Pressure Gradient Drift Mode", P. Terry, W. Anderson and W. Horton, *Nucl. Fusion* **22**, 487 (1982).
9. "Theoretical Studies of the Anomalous Transport and Fluctuation Spectra Associated with Low Frequency Turbulence in Tokamaks: Theory of Two-Point Correlation for Trapped Electrons and the Spectrum of Drift Wave Turbulence", P.H. Diamond, P.L. Similon, P.W. Terry, *et al.*, Plasma Physics and Controlled Nuclear Fusion Research 1982, (IAEA, Vienna, 1983), Vol. 1, p. 259.
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11. "Impact of Clumps on Plasma Stability and the Nature of Turbulence in the Saturated State", P.W. Terry and P.H. Diamond, in *Statistical Physics and Chaos in Fusion Plasmas*, ed. by W. Horton and L. Reichl (Wiley, N.Y., 1984) p. 335.
12. "Theory of Dissipative Density-Gradient-Driven Turbulence in the Tokamak Edge", P.W. Terry and P.H. Diamond, *Phys. Fluids* **28**, 1419 (1985).

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14. "Spectrum of Resistivity-Gradient-Driven Turbulence", P.W. Terry, P.H. Diamond, *et al.*, Phys. Fluids **29**, 2501 (1986).
15. "Reply to comments of J.A. Krommes ", P.W. Terry and P.H. Diamond, Phys. Fluids **29**, 2758 (1986).
16. "Self Consistency Constraints on Turbulent Magnetic Transport and Relaxation in a Collisionless Plasma", P.W. Terry, P.H. Diamond and T.S. Hahm, Phys. Rev. Lett. **57**, 1899 (1986).
17. "Role of Impurity Dynamics in Resistivity-Gradient-Driven-Turbulence and Tokamak Edge Plasma Phenomena", T.S. Hahm, P.H. Diamond, P.W. Terry, *et al.*, Phys. Fluids **30**, 1452 (1987).
18. "Particle and Thermal Transport, and Resonant Field Experiments in TEXT", A.J. Wootton, R.D. Bengtson, *et al.*, Plasma Physics and Controlled Nuclear Fusion Research 1986, (IAEA, Vienna, 1987), Vol. 1, p. 187.
19. "Nonlinear Ion Temperature-Gradient-Driven Instability in Low-Collisionality Plasma", H. Biglari, P.H. Diamond, and P.W. Terry, Phys. Rev. Lett. **60**, 200 (1988).
20. Comment on "Anomalous Electron Heat Transport Driven by Low-Frequency Electromagnetic Turbulence", P.W. Terry, P.H. Diamond and T.S. Hahm, Phys. Rev. Lett. **60**, 966 (1988).
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24. "Fluctuations and Anomalous Transport (in Tokamaks, Particularly TEXT)", A.J. Wootton, *et al.*, Plasma Physics and Controlled Fusion **30**, 1479 (1988).
25. "Theoretical Models for Tokamak Ignition Projections", R.E. Waltz, *et al.*, Plasma Physics and Controlled Nuclear Fusion Research 1988, (IAEA, Vienna, 1989) Vol. 3, p. 369.

26. "Advances in the Theory of Ion-Temperature-Gradient-Driven Turbulence", H. Biglari, *et al.*, Plasma Physics and Controlled Nuclear Fusion Research 1988, (IAEA, Vienna, 1989) Vol. 2, p. 261.
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