

PUBLICATION LIST

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With Referee

- 105:** Yannick Ponty, Pablo Mininni, Jean-François Pinton, Hélène Politano and Annick POUQUET, 2006: “Dynamo action at low magnetic Prandtl numbers: mean flow *vs.* fully turbulent process,” submitted, *Phys. Rev. Lett.* (2006).
- 104:** Alex Alexakis, Pablo Mininni and Annick POUQUET, 2006: “Large scale flow effects, energy transfer, and self-similarity in turbulence,” arXiv:physics/0602148, to appear, *Phys. Rev. E* (2006).
- 103:** Alex Alexakis, Pablo Mininni and Annick POUQUET, 2006: “Energy transfer in Hall-MHD turbulence, cascades, backscatter and dynamo action,” to appear, *Phys. of Plasmas* (2006).
- 102:** Jonathan Graham, Darryl Holm, Pablo Mininni and Annick POUQUET, 2006: “Inertial Range Scaling, Kármán-Howarth Theorem and Intermittency for Forced and Decaying Lagrangian Averaged MHD in 2D,” *Phys. Fluids* **18** 045106 (2006) (14 pages) (2006).
- 101:** Alex Alexakis, Pablo Mininni and Annick POUQUET, 2006: “On the inverse cascade of magnetic helicity,” *ApJ* **640** 335-343 (2006).
- 100:** Duane Rosenberg, Aimé Fournier, Paul Fischer and Annick POUQUET, 2006: “Geophysical-astrophysical spectral element adaptive refinement (GASPAR): Object-oriented h-adaptive code for geophysical fluid dynamics simulations,” *J. Comp. Phys.* **215** 59–80 (2006).
- 99:** Alex Alexakis, Pablo Mininni and Annick POUQUET, 2005: “Imprint of large-scale flows on Navier-Stokes turbulence,” *Phys. Rev. Lett.* **95**, 264503 (2005).
- 98:** Jonathan Graham, Pablo Mininni and Annick POUQUET, 2005: “Cancellation exponent and multifractal structure in Lagrangian averaged magnetohydrodynamics,” *Phys. Rev. E* **72**, 045301(R) (2005).
- 97:** Alex Alexakis, Pablo Mininni and Annick POUQUET, 2005: “Shell to shell energy transfer in MHD turbulence,” *Phys. Rev. E* **72**, 046301.
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- 95:** Sébastien Galtier, POUQUET, A. and André Mangeney, 2005: “A unified view of scaling laws for anisotropic incompressible MHD turbulence”, *Phys. Plasmas* **12**, 092310.
- 94:** Pablo Mininni, David Montgomery and POUQUET, A., 2005: “Numerical solutions of the three-dimensional MHD alpha model,” *Phys.Rev. E* **71**, 046304.
- 93:** Pablo Mininni, Yannick Ponty, David Montgomery, Jean-François Pinton, Hélène Politano and Annick POUQUET, 2005: “Oscillations in small magnetic Prandtl number dynamos,” *Astrophys. J.* **626**, 853-863 (2005).
- 92:** Yannick Ponty, Pablo Mininni, David Montgomery, Jean-François Pinton, Hélène Politano and Annick POUQUET, 2005: “Critical magnetic Reynolds number for dynamo action as a function of magnetic Prandtl number,” *Phys. Rev. Lett.* **94** 164502 (2005).
- 91:** Pablo Mininni, David Montgomery and POUQUET, A., 2005: “A numerical study of the alpha model for two-dimensional magnetohydrodynamic turbulent flows”, *Phys. Fluids* **17**, 035112 (2005).
- 90:** L. Sorriso-Valvo, V. Carbone, V. Abramenko, V. Yurchyshyn, A. Noullez, H. Politano, POUQUET, A. & P.L. Veltri, 2004: “Topological changes of the photospheric magnetic field inside active regions: a prelude to flares”, *Planetary and Space Sciences*, **52/10**, 937–943.
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- 73:** Balsara, D., & POUQUET, A., 1999: “The formation of large-scale magnetic structures in supersonic MHD flows”, *Phys. Plasmas*, **6**, 89–99.
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- 66:** S. Galtier & POUQUET, A., 1998: “Solar flares statistics with a one–dimensional MHD model”, *Solar Phys.* **179**, 141–165.
- 65:** D. Porter, P. Woodward & POUQUET, A. 1998: “Inertial range structures in compressible turbulent flows”, *Phys. Fluids* **10** 237–245.
- 64:** S. Galtier, Politano, H. & POUQUET, A., 1997: “Self–similar decay laws for magnetohydrodynamics turbulence: a new model”, *Phys. Rev. Lett.* **79**, 2807–2810.
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