

# Liste de publication<sup>1</sup>

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## 0.1 Bibliométrie

Citations: 7500 (ISI), 10100 (Google Scholar)

H-Index: 45 (ISI), 53 (Google Scholar)

Nombre de citations moyen par an (Google): 550

## 0.2 Journaux internationaux à comité de lecture

Cette liste contient **240 publications** incluant:

- 1 Science
- 1 Nature Physics
- ~35 Phys. Rev. Letters
- 1 Chem. Phys. Lett.
- 3 Europhys. Letters
- ~130 Phys. Rev. B
- 1 Phys. Rev. E
- 4 Eur. Phys. J B

### 0.2.1 Articles réguliers

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2. Quantized Hall effect in the field-induced density wave phases of low dimensional conductors. D. Poilblanc, G. Montambaux, M. Heritier, P. Lederer, Phys. Rev. Lett. **58**, 270 (1987).
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4. Collective modes in ultra quantum crystal; field induced spin density wave phases-I. D. Poilblanc, P. Lederer, Phys. Rev. B **37** 9650 (1988).
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6. Thermodynamic of the anisotropic electron gas under magnetic field. G. Montambaux, D. Poilblanc, Phys. Rev. B **37**, 1913 (1988).
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8. Antiferromagnetism and superconductivity in a quasi two-dimensional electron gas - scaling theory of a generic Hubbard model. P. Lederer, G. Montambaux, D. Poilblanc, J. Physique **48**, 1613 (1987).
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12. Superconductivity from commensurate flux phases. P. Lederer, D. Poilblanc, T.M. Rice, Phys. Rev. Lett. **63** 1519 (1989).

13. Singlet wavefunction for the t-J model. D. Poilblanc, Phys. Rev. B **40** 7376 (1989) (Rapid Com.).
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15. Staggered flux phases in the t-J model. D. Poilblanc, Y. Hasegawa, Phys. Rev. B, **41** 6989 (1990).
16. Charge and spin dynamics in doped quantum antiferromagnet. Y. Hasegawa, D. Poilblanc, Phys. Rev. B**41** 9555 (1990)(Rapid Com.).
17. Orbital magnetic moments in commensurate flux phases. P. Lederer, D. Poilblanc, T.M. Rice, Phys. Rev. B**42** 973 (1990).
18. Renormalized mean-field theory of flux phases. D. Poilblanc, Phys. Rev. B, **41** 4827 (1990)(Rapid Com.).
19. Temperature dependence of the spin dynamics in quantum spin liquids. D. Poilblanc, Phys. Rev. B**42**, 4049 (1990).
20. Spectral function in the t-J model at finite doping. D. Poilblanc, E. Dagotto, Phys. Rev. B**42** 4861 (1990)(Rapid Com.).
21. Raman scattering in the t-J model with holes. E. Dagotto, D. Poilblanc, Phys. Rev. B **42** 7940 (1990).
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