

Publications in refereed scientific journals

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1. M Landreman, A Stahl and T Fülöp: Numerical calculation of runaway electron distribution function and associated synchrotron emission. Accepted for publication in *Computer Physics Communication* (2013).
2. G Papp, T Fülöp, T Fehér, P C de Vries et al: The effect of the ITER-like wall on runaway electron generation. In *Nuclear Fusion* 53 (2013) 123017.
3. I Pusztai, M Landreman, A Mollén, T Fülöp: Radio frequency induced and neoclassical asymmetries and their effects on turbulent impurity transport in a tokamak. Accepted for publication in *Contr. to Plasma Physics* (2013).
4. A Stahl, M Landreman, G Papp, E Hollmann, T Fülöp: Synchrotron radiation from a runaway electron distribution in tokamaks. In *Physics of Plasmas* 20 (2013) 093302.
5. Ye O Kazakov and T Fülöp: Mode conversion of waves in the ion-cyclotron frequency range in magnetospheric plasmas. In *Physical Review Letters* 111 (2013) 125002.
6. T Fülöp and M Landreman: Ion runaway in lightning discharges. In *Physical Review Letters* 111 (2013) 015006.
7. Ye O Kazakov, T Fülöp and D Van Eester: Effect of impurities on the transition between minority ion and mode conversion ICRH heating in (3He)-H tokamak plasmas. In *Nuclear Fusion* 53 (2013) 053014.
8. S Moradi, I Pusztai, W Guttenfelder, T Fülöp, A Mollén: Micro-tearing modes in spherical and conventional tokamaks. In *Nuclear Fusion* 53 (2013) 063025.
9. A Mollén, I Pusztai, T Fülöp and S Moradi: Impurity transport in trapped electron mode driven turbulence. In *Physics of Plasmas* 20 (2013) 032310.
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14. Ye O Kazakov, T Fülöp, I Pusztai and T Johnson: Effect of plasma shaping and resonance location on minority ion temperature anisotropy in tokamak plasmas heated with ICRH. In *Journal of Physics: Conference Series* 401 (2012) 012011.

15. T Fülöp and G Papp: Runaway positrons in fusion plasmas. In *Physical Review Letters* 108 (2012) 225003.
16. Ye O Kazakov, I Pusztai, T Fülöp, T Johnson: Poloidal asymmetries due to ion cyclotron resonance heating. In *Plasma Physics and Controlled Fusion* 54 (2012) 105010.
17. A Mollén I Pusztai, T Fülöp, Ye O Kazakov and S Moradi: Effect of poloidal asymmetries on impurity peaking in tokamaks. In *Physics of Plasmas* 19 (2012) 052307.
18. S Moradi, I Pusztai, A Mollén and T Fülöp: Impurity transport due to electromagnetic drift wave turbulence. In *Physics of Plasmas* 19 (2012) 032301.
19. S Moradi, T Fülöp, A Mollén and I Pusztai: Possible mechanism responsible for generating impurity outward flow under radio frequency heating. In *Plasma Physics and Controlled Fusion* 53 (2011) 115008.
20. M Landreman, T Fülöp and D Guszejnov: Impurity flows and plateau-regime poloidal density variation in a tokamak pedestal. In *Physics of Plasmas* 18 (2011) 092507.
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