

# 9 Publications

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- [2] *P. Berczyński, Yu. A. Kravtsov*: Gaussian beam evolution in nonlinear inhomogeneous fibres. *Photonics Letters of Poland* (2012), 4(1) 26-28
- [3] *J. Chrzanowski, Yu.A. Kravtsov, D. Mazon*: Unconventional procedure for inversion of polarimetric data: numerical calculation for a simple model of toroidal plasma, *Nukleonika* (2012) 57(1), 37–41
- [4] *J. Chrzanowski*: Application of the gradient method for polarimetric data inversion, *ZNAM* (2012) 31(103) 55–61
- [5] *Ł. Ciupiński, O.V. Ogorodnikova, T. Płociński, M. Andrzejczuk, M. Rasiński, M. Mayer, K.J. Kurzydłowski*: TEM observations of radiation damage in tungsten irradiated by 20 MeV W ions, *Nuclear Instruments and Methods in Physics Research Section B*  
<http://dx.doi.org/10.1016/j.nimb.2013.03.022>
- [6] *A. Czarnecka, E. Lerche, J. Ongena, D. Van Eester, A. C. A. Figueiredo, I. H. Coffey, K-D. Zastrow, and JET-EFDA contributors*: Impurity studies for the ITER half-field ICRF heating scenarios in hydrogen plasmas on JET, *Nukleonika* (2012), 57(1), 25-30
- [7] *A. Czarnecka, F. Durodié, A. C. A. Figueiredo, K. D. Lawson, E. Lerche, M.-L. Mayoral, J. Ongena, D. Van Eester, K.-D. Zastrow, V. V. Bobkov, I. H. Coffey, L. Colas, P. Jacquet, I. Monakhov, and JET-EFDA contributors*: Impurity production from the ion cyclotron resonance heating antennas in JET, *Plasma Phys. Control. Fusion* (2012), 54, 1-13
- [8] *I.N. Demchenko, M. Chernyshova, W. C. Stolte, D. T. Speaks, and A. Derkachova*: Electronic structure of polycrystalline cadmium dichloride studied by X-ray spectroscopies and ab initio calculations, *Materials Chemistry and Physics* (2012), 30, 1-8
- [9] *S.M. Dubiel, J. Cieślak, H. Reuther*, Effect of He<sup>+</sup> ion irradiation on Fe-Cr alloys: Mössbauer-effect study. *J. Nucl. Mater.* (2013) 434, 235-239
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