

Programm Fusion

Veröffentlichungen des Jahres 2010

Stand: 15.02.2011

Nur schriftliche Veröffentlichungen

Nähere Informationen über die jeweilige Veröffentlichung erhalten Sie über den [Suchmodus unserer Zentralbibliothek](#)

Holstein, N.; Konys, J.; Krauss, W.; Lorenz, J.
Electro-chemically-based technologies for processing of tungsten components in fusion technology.
1st Internat.Conf.on Materials for Energy, Karlsruhe, July 4-8, 2010
Extended Abstracts Book Paper 1334
Frankfurt a.M. : Dechema, 2010
ISBN 978-3-89746-117-8

Kaufmann, U.; Kolb, M.; Knitter, R.
Die chemisch-thermische Beanspruchung von Platinwerkstoffen durch Lithiumreiche Silikatschmelzen.
Kneissl, A. [Hrsg.]
Fortschritte in der Metallographie : Berichte der 13.Internat.Metallographie-Tagung, Leoben, A, September 29 - October 1, 2010
Frankfurt : MAT-INFO, Werkstoff-Informationsges., 2010 S.43-48
(Praktische Metallographie : Sonderbd. ; 42)

Knitter, R.
Status of lithium orthosilicate pebbles fabricated by melt-spraying.
Tanigawa, H. [Hrsg.]
Proc.of the 15th Internat.Workshop on Ceramic Breeder Blanket Interactions (CBBI-15), Sapporo, J, September 6-11, 2009
Tokaimura : Japan Atomic Energy Agency, 2010
JAEA-Conf. 2009-006 (March 2010) S.82-100

Koncar, B.; Norajitra, P.; Oblak, K.
Effect of nozzle sizes on jet impingement heat transfer in He-cooled divertor.
Applied Thermal Engineering, 30(2010) S.697-705
DOI:j.applthermaleng.2009.11.018

Konys, J.; Krauss, W.; Holstein, N.
Development of advanced Al coating processes for future applications as anti-corrosion and T-permeation barriers.
Fusion Engineering and Design, 85(2010) S.2141-45
DOI:10.1016/j.fusengdes.2010.08.018

Krauss, W.; Holstein, N.; Konys, J.
Advanced electro-chemical processing of tungsten components for He-cooled divertor application.
Fusion Engineering and Design, 85(2010) S.2257-62
DOI:10.1016/j.fusengdes.2010.09.005

Mochizuki, K.; Munakata, K.; Wajima, T.; Hara, K.; Wada, K.; Shinozaki, T.;
Takeishi, T.; Knitter, R.; Bekris, N.; Okuno, K.
Study of isotope exchange reactions on ceramic breeder materials deposited with
noble metal.
Fusion Engineering and Design, 85(2010) S.1185-89
DOI:10.1016/j.fusengdes.2010.02.035

Norajitra, P.; Giniyatulin, R.; Kuznetsov, V.; Mazul, I.; Ritz, G.
He-cooled divertor for DEMO: Status of development and HHF tests.
Fusion Engineering and Design, 85(2010) S.2251-56
DOI:10.1016/j.fusengdes.2010.09.006

Raffray, A.R.; Nygren, R.; Whyte, D.G.; Abdel-Khalik, S.; Dörner, R.;
Escourbiac, F.; Evans, T.; Goldston, R.J.; Hölzer, D.T.; Konishi, S.;
Lorenzetto, P.; Merola, M.; Neu, R.; Norajitra, P.; Pitts, R.A.; Rieth, M.;
Rödig, M.; Rognlien, T.; Suzuki, S.; Tillack, M.S.; Wong, C.
High heat flux components - readiness to proceed from near term fusion systems
to power plants.
Fusion Engineering and Design, 85(2010) s.93-108
DOI:10.1016/j.fusengdes.2009.08.002