

APPENDIX 6. List of Publications II (Journals, etc.)

- (1) Akata N., Abe K., Kakiuchi H., Iyogi T., Shima N., Hisamatsu S.
Radiocarbon concentrations in environmental samples collected near the spent nuclear fuel reprocessing plant at Rokkasho, Aomori, Japan, during test operation using spent nuclear fuel
Health Physics Vol.105 3 (2013) 236
- (2) Akiyama T., Yoshida N., Tokitani M., Masuzaki S., Kawahata K., Okajima S., Nakayama K.
Impurity Deposition on a First Mirror Surface during Hydrogen Discharges in LHD
Plasma and Fusion Research Vol.8 Regular Issue (2013) 1402092-1
- (3) Aoki K., Fujiwara S., Sogo K., Ohnishi S., Yamamoto T.
One-, Two-, and Three-Dimensional Hopping Dynamics
Crystals Vol.3 2 (2013) 315
- (4) Aoki K., Fujiwara S., Sogo K., Ohnishi S., Yamamoto T.
Molecular Dynamics Simulations of One-, Two-, Three-dimensional Hopping Dynamics
JPS Conference Proceedings Vol.1 (2014) 012038-1
- (5) Asakura N., Hayashi T., Ashikawa N., Fukumoto M.
Investigation of carbon dust accumulation in the JT-60U tokamak vacuum vessel
Journal of Nuclear Materials Vol.438 Supplement (2013) S659
- (6) Ashikawa N., Asakura N., Fukumoto M., Hayashi T., Ueda Y., Muroga T.
Characteristics of tungsten and carbon dusts in JT-60U and evaluation of hydrogen isotope retention
Journal of Nuclear Materials Vol.438 Supplement (2013) S664
- (7) Banerjee S., Zushi H., Nishino N., Nagashima Y., Hanada K., Tashima S., Nakamura K., Idei H., Hasegawa M., Fujisawa A., Matsuoka K.
Turbulence velocimetry of tangential fast imaging data on QUEST
Plasma and Fusion Research Vol.8 Special Issue 1 (2013) 2402098-1
- (8) Bawankar P., Masuzaki S., Tokitani M.
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Plasma and Fusion Research Vol.8 Special Issue 1 (2013) 2402074-1
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Inter-machine validation study of neoclassical transport modelling in medium- to high-density stellarator-heliotron plasmas
Nuclear Fusion Vol.53 6 (2013) 063022-1
- (10) Drewelow P., Masuzaki S., Bozhnikov S., Feng Y., Jakubowski M., Suzuki Y., Wolf R., Yamada H.
Comparison of Observed Divertor Heat Flux and Modeling Results at LHD
Plasma and Fusion Research Vol.8 Special Issue 1 (2013) 2402126-1
- (11) Eguchi T., Imai T., Nakabayashi H., Minami R., Numakura T., Kawarasaki R., Nakazawa K.
Development of 28 GHz /35 GHz Dual-Frequency Gyrotron for Fusion Research
Transactions of Fusion Science and Technology Vol.63 1T (2013) 282
- (12) Fujita Y., Itoh T., Nakamura H., Ikuno S.
Three-Dimensional Analysis of Electromagnetic Wave Propagation using Meshless Time Domain Method
Plasma and Fusion Research Vol.8 Special Issue 1 (2013) 2401061-1
- (13) Fujiwara S., Hashimoto M., Itoh T., Nakamura H., Tamura Y.
Shape transition of micelles in amphiphilic solution: A molecular dynamics study
Journal of Physics: Conference Series Vol.454 (2013) 012024-1
- (14) Hasegawa M., Nakamura K., Zushi H., Hanada K., Fujisawa A., Matsuoka K., Mitarai O., Idei H., Nagashima Y., Tokunaga K.
Development of plasma control system for divertor configuration on QUEST
Fusion Engineering and Design Vol.88 40336 (2013) 1074
- (15) Hashida M., Ikuta Y., Miyasaka Y., Tokita S., Sakabe S.
Simple formula for the interspaces of periodic grating structures selforganized on metal surfaces by femtosecond laser ablation
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- (16) Hata M., Sakagami H., Das A.
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- (17) Hata M., Sakagami H., Johzaki T., Nagatomo H.
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EPJ Web of Conferences Vol.59 17004 (2013) 17004-p.1
- (18) Hata M., Sakagami H., Johzaki T., Nagatomo H.
Effects of laser profiles on fast electron generation under the same laser energy
Laser and Particle Beams Vol.31 (2013) 371
- (19) Hayashi Y., Ezumi N., Masuzaki S., Tanaka H., Kobayashi M., Sawada K., Ohno N.
Edge and divertor plasma measurements with ion sensitive and Mach probes in LHD
Journal of Nuclear Materials Vol.438 Supplement (2013) S1228
- (20) Hirayama N., Endo A., Fujita K., Hasegawa Y., Hatano N., Nakamura H., Shirasaki R., Yonemitsu K.
Current-induced cooling phenomenon in a two-dimensional electron gas under a magnetic field.
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- (21) Ida K., Lee J., Nagaoka K., Osakabe M., Suzuki C., Yoshinuma M., Seki R., Yokoyama M., Akiyama T.
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Plasma and Fusion Research Vol.8 Regular Issue (2013) 1301036-1
- (24) Ikeda K., Nakano H., Tsumori K., Kisaki M., Nagaoka K., Osakabe M., Takeiri Y., Kaneko O.
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- (26) Imagawa S., Yanagi N., Mito T.
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- (27) Imai T., Ichimura M., Nakashima Y., Sakamoto M., Katanuma I., Yoshikawa M., Kariya T., Hirata M., Kohagura J., Minami R., Numakura T., Ikezoe R., Oki K.
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- (28) Inagaki S., Itoh K., Yamada T., Itoh S., Tokuzawa T., Fujisawa A., Kasuya N., Sasaki M., Nagashima Y., Arakawa H.
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Magnetic island evolution in the presence of ion-temperature gradient-driven turbulence
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- (34) Ishizawa A., Watanabe T.
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- (38) Ito A., Nakajima N.
Analytic Equilibria of High-Beta Tokamaks with Toroidal and Poloidal Flows and Pressure Anisotropy Associated with Parallel Heat Flux
Journal of the Physical Society of Japan Vol.82 6 (2013) 064502-1
- (39) Ito S., Ohinata T., Bromberg L., Hashizume H.
Structure improvement and joint resistance estimation in demountable butt and edge joints of a stacked REBCO conductor within a metal jacket
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- (40) Itoh T., Fujita Y., Ikuno S., Nakamura H.
Investigation of Numerical Stability of Electromagnetic Wave Propagation Simulation using Meshless Time-Domain Method
Plasma and Fusion Research Vol.8 Special Issue 1 (2013) 2401101-1
- (41) Iwamoto A., Fujimura T., Nakai M., Norimatsu T., Sakagami H., Shiraga H., Azechi H.
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Nuclear Fusion Vol.53 8 (2013) 083009-1
- (42) Iwamoto A., Fujimura T., Nakai M., Norimatsu T., Sakagami H., Shiraga H., Azechi H.
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Journal of Plasma and Fusion Research Vol.89 8 (2013) 517
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Influence of the resonant magnetic perturbations on transport in the Large Helical Device
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- (45) Johzaki T., Sunahara A., Nagatomo H., Sakagami H., Fujioka S., Shiraga H., Mima K.
Contributed Papers:Enhancement of Energy Coupling Efficiency in Fast-Ignition Laser Fusion by Electron Beam Guiding with Self-Generated Magnetic Field
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- (46) Kageyama A., Ohno N., Kawahara S., Kashiwama K., Ohtani H.
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- (48) Kajita S., Fukumoto M., Tokitani M., Nakano T., Masuzaki S., Ohno N., Takamura S., Yoshida N., Ueda Y.
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Nuclear Fusion Vol.54 3 (2014) 033005-1
- (52) Kajita S., Yasuhara R., Sato M., Ohno N., Tokitani M., Yoshida N.
Enhancement of multi-pulse laser induced damage threshold on Cu mirror under vacuum condition
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- (53) Kajita S., Yoshida T., Kitaoka D., Etoh R., Yajima M., Ohno N., Yoshida H., Yoshida N., Terao Y.
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- (60) Kasuya K.
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