

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

- (1) Abe Y., Hosoda H., Arikawa Y., Nagai T., Kojima S., Sakata S., Inoue H., Iwasa Y., Yamanoi K., Fujioka S., Nakai M., Sarukura N., Shiraga H., Norimatsu T., Azechi H.
Characterizing a fast-response, low-afterglow liquid scintillator for neutron time-of-flight diagnostics in fast ignition experiments
Review of Scientific Instruments 85 -2014 11E126
- (2) Akata N., Okuyama K., Tsujimoto Y., Takahashi N., Ishihara M., Arai Y., Itakura T., Sato T., Ogata T., Kakiuchi H.
Radiocesium inventory on the campus of Nihon University, Koriyama, Fukushima, Japan
Radiation Emergency Medicine 4 -2015 57-61
- (3) Akiyama T., Yasuhara R., Kawahata K., Nakayama K., Okajima S.
Dispersion interferometer using modulation amplitudes on LHD
Review of Scientific Instruments 85 11 -2014 11D301
- (4) Arikawa Y., Nagai T., Abe Y., Kojima S., Sakata S., Inoue H., Utsugi M., Iwasa Y., Murata T., Sarukura N., Nakai M., Shiraga H., Fujioka S., Azechi H.
Development of multichannel low-energy neutron spectrometer
Review of Scientific Instruments 85 11 -2014 11E125
- (5) Asahi Y., Ishizawa A., Watanabe T., Tsutsui H., Tsuji-Iio S.
Regulation of electron temperature gradient turbulence by zonal flows driven by trapped electron modes
Physics of Plasmas 21 5 -2014 052306-1-052306-10
- (6) Banerjee S., Zushi H., Nishino N., Hanada K., Ishiguro M., Tashima S., Liu H., Mishra K., Nakamura K., Idei H., Hasegawa M., Fujisawa A., Nagashima Y., Matsuoka K.
Role of stochasticity in turbulence and convective intermittent transport at the scrape off layer of Ohmic plasma in QUEST
Physics of Plasmas 21 7 -2014 72311
- (7) Cheng J., Dong J., Itoh K., Yan L., Hong W., Zhao K., Huang Z., Ji X., Zhong, W., Yu D., Ito s., Nie L., Song X., Yang Q., Ding X., Zou X., Duan X., Liu Y.
Low-intermediate-high confinement transition in HL-2A tokamak plasmas
Nuclear Fusion 54 11 -2014 114004
- (8) Cui Z., Dong C., Zhou H., Morita S., Sun P., Bingzhong F., Lu P., Ding X., Yang Q., Duan X.
First measurements of highly ionized impurity emission distribution by grazing-incidence flat-field extreme ultraviolet spectrometer in HL-2A
Review of Scientific Instruments 85 11 -2014 11E426
- (9) Fujita Y., Ikuno S., Nakamura H.
Transmission Efficiency in Complex-Shaped Waveguide using Real Metals
Plasma and Fusion Research 9 Special Issue 2 -2014 3401074-1-3401074-5
- (10) Fujiwara S., Hashimoto M., Tamura Y., Nakamura H., Horiuchi R.
Molecular Dynamics Simulation of Micellar Shape Transition in Amphiphilic Solutions
Plasma and Fusion Research 9 Special Issue 2 -2014 3401067-1-3401067-4
- (11) Funaki K., Hochin T., Nomiya H., Nakanishi H., Kojima M.
Parallel Indexing Scheme for Data Intensive Application
Advanced Applied Informatics (IIAIAI), 2014 IIAI 3rd -2014 630-635
International Conference on
- (12) Furui H., Nagashima Y., Takase Y., Ejiri A., Kakuda H., Sonehara M., Oosako T., Tsujii N., Hiratsuka J., Imamura K., Inada T., Nakamura K., Nakanishi A., Shinya T., Togashi H., Tsuda S., Wakatsuki T., Yamaguchi T.
Development of a Local Current Diagnostic using a Small Rogowski Coil for a Spherical Tokamak Plasma in TST-2
Plasma and Fusion Research 9 Special Issue 2 -2014 3402078
- (13) Furui H., Nagashima Y., Takase Y., Ejiri A., Kakuda H., Sonehara M., Oosako T., Tsujii N., Hiratsuka J., Imamura K., Inada T., Nakamura K., Nakanishi A., Shinya T., Togashi H., Tsuda S., Wakatsuki T., Yamaguchi T.
Local current density measurement using a Rogowski probe in Tokyo Spherical Tokamak-2
Review of Scientific Instruments 85 11 -2014 11D813
- (14) Furuse H., Yasuhara R., Hiraga K.
Thermo-optic properties of ceramic YAG at high temperatures
Optical Materials Express 4 9 -2014 1747-1980
- (15) Geng S., Tsumori K., Nakano H., Kisaki M., Takeiri Y., Osakabe M., Ikeda K., Nagaoka K., Kaneko O., Shibuya M.
Spatial Distributions of Charged Particles and Plasma Potential before and during Beam Extraction in a Negative Hydrogen Ion Source for NBI
Plasma and Fusion Research 10 Special Issue 2 -2015 3405016-1-3405016-4

- (16) Gorelenkov N., Pinches S., Toi K.
Energetic particle physics in fusion research in preparation for burning plasma experiments
Nuclear Fusion 54 12 -2014 125001
- (17) Goto M., Sawada K.
Determination of electron temperature and density at plasma edge in the Large Helical Device with opacity-incorporated helium collisional-radiative model
Journal of Quantitative Spectroscopy and Radiative Transfer 137 -2014 23-28
- (18) Goto R., Miura H., Ito A., Sato M., Hatori T.
Hall and gyro-viscosity effects on the Rayleigh-Taylor instability in a 2D rectangular slab
Plasma and Fusion Research 9 Regular Issue -2014 1403076-1-1403076-8
- (19) Gradic D., Dinklage A., Brakel R., McNeely P., Osakabe M., Rust N., Wolf R.
Assessment of the plasma start-up in Wendelstein 7-X with neutral beam injection
Nuclear Fusion 55 3 -2015 33002
- (20) Hagita K., Ohtani H., Kato T., Ishiguro S.
TOKI compression for plasma particle simulation
Plasma and Fusion Research 9 Special Issue 2 -2014 3403401083-1-3401083-6
- (21) Hamaguchi S., Iwamoto A., Imagawa S., Takahata K., Takada S., Moriuchi S., Obana T., Chikaraishi H., Yanagi N., Yamada S., Mito T.
Upgrade Plan on NIFS Superconducting Magnet Test Facility
Plasma and Fusion Research 10 Special Issue 2 -2015 3405020-1-3405020-4
- (22) Hasegawa M., Nakamura K., Zushi H., Hanada K., Fujisawa A., Matsuoka K., Idei H., Nagashima Y., Tokunaga K., Kawasaki S., Nakashima H., Higashijima A.
Development of a plasma control system for steady-state operation on QUEST
Journal of the Korean Physical Society 65 8 -2014 1191-1195
- (23) Hayashi N., Aiba N., Takizuka T., Oyama N.
Integrated simulation of ELM pacing by pellet injection in ITER
Contributions to Plasma Physics 54 42100 -2014 599-604
- (24) Hiratsuka J., Ejiri A., Hasegawa M., Nagashima Y., Nakamura K., Takase Y., Togashi H., Tojo H., Yamaguchi T.
Simultaneous Measurement of Plasma Pressure Anisotropy with a Double-Pass Thomson Scattering Diagnostic System on the TST-2
Plasma and Fusion Research 10 Regular Issue -2015 1402007
- (25) Honda M., Satake S., Suzuki Y., Matsunaga G., Shinohara K., Yoshida M., Matsuyama A., Ide S., Urano, H.
Experimental analyses and predictive simulations of toroidal rotation driven by the neoclassical toroidal viscosity in rippled tokamaks
Nuclear Fusion 54 11 -2014 114005
- (26) Horiuchi R., Usami S., Ohtani H.
Influence of a Guide Field on Collisionless Driven Reconnection
Plasma and Fusion Research 9 Regular Issue -2014 1401092-1-1401092-7
- (27) Huang X., Morita S., Oishi T., Goto M., Dong C.
Space-resolved extreme ultraviolet spectroscopy free of high-energy neutral particle noise in wavelength range of 10–130 Å on the large helical device
Review of Scientific Instruments 85 4 -2014 043511
- (28) Huang X., Morita S., Oishi T., Goto M., Zhang H.
Coaxial pellets for metallic impurity injection on the large helical device
Review of Scientific Instruments 85 11 -2014 11E818
- (29) Huang X., Wang E., Dong C., Morita S., Oishi T., Murakami I., Goto M.
Radial profiles and emissivity ratio analysis of Ne-like FeXVII n=3-2 transitions in Large Helical Device
Journal of the Korean Physical Society 65 8 -2014 1265-1269
- (30) Hudson S., Suzuki Y.
Chaotic coordinates for the Large Helical Device
Physics of Plasmas 21 10 -2014 102505-1-102505-14
- (31) Ichiguchi K., Suzuki Y., Sato M., Todo Y., Sakakibara S., Ohdachi S., Narushima Y.
Three-dimensional Numerical Analysis of Pressure Driven Mode in RMP-Imposed LHD Plasma
Plasma and Fusion Research 9 Special Issue 2 -2014 3403134-1-3403134-5

- (32) Ida K.
New Concepts of Transport Physics in Toroidal Plasmas
Plasma Physics and Controlled Fusion 57 4 -2015 44007
- (33) Ida K.
Special issue of the 14th International Workshop on H-mode Physics and Transport Barriers (Fukuoka, Japan, 2013)
Nuclear Fusion 54 11 -2014 110201
- (34) Ida K., Kobayashi T., Inagaki S., Suzuki Y., Sakakibara S., Itoh K., Tsuchiya H., Suzuki C., Yoshinuma M., Narushima Y., Yokoyama M., Itoh S.
Topology bifurcation of a magnetic flux surface in toroidal plasmas
Plasma Physics and Controlled Fusion 57 1 -2015 14036
- (35) Ida K., Kwon J., Leconte M., Ko W., Inagaki S., Todo Y., Kosuga Y.
The 4th Asia-Pacific Transport Working Group (APTWG) Meeting
Nuclear Fusion 55 1 -2015 017001-1-10
- (36) Ida K., Rice J.
Rotation and momentum transport in tokamaks and helical systems
Nuclear Fusion 54 4 -2014 45001
- (37) Ida K., Shi Z., Sun H., Inagaki S., Kamiya K., Rice J., Tamura N., Diamond P., Dif-Pradalier G., Zou X., Itoh K., Sugita S., Gurcan O., Estrada T., Hidalgo C., Hahn T., Field A., Ding X., Sakamoto Y., Oldenburger S., Yoshinuma M., Kobayashi T., Jiang M., Hahn S., Jeon Y., Hong S., Kosuga Y., Dong J., Itoh S.
Towards an Emerging Understanding of Non-locality Phenomena and Non-local Transport
Nuclear Fusion 55 1 -2015 13022
- (38) Ida K., Yoshinuma M., Tsuchiya H., Kobayashi T., Suzuki C., Yokoyama M., Shimizu A., Nagaoka K., Inagaki S., Itoh K.
Flow damping due to stochastization of the magnetic field
Nature Communications 6 -2015 5816
- (39) Idei H., Nagata K., Mishra K., Yamamoto M., Itado T., Akimoto R., Hanada K., Zushi H.
Adaptive array technique for differential-phase reflectometry in QUEST
Review of Scientific Instruments 85 11 -2014 11D842
- (40) Ii T., Kubo S., Shimozuma T., Kobayashi S., Okada K., Yoshimura Y., Igami H., Takahashi H., Ito S., Mizuno Y., Okada K., Makino R., Kobayashi K., Goto Y., Mutoh T.
Design of polarizers for a mega-watt long-pulse millimeter-wave transmission line on the large helical device
Review of Scientific Instruments 86 2 -2015 23502
- (41) Imagawa S., Obana T., Takada S., Hamaguchi S., Chikaraishi H., Yanagi N., Takahata K., Iwamoto A., Yamada S., Mito T.
Plan for Testing High-Current Superconductors for Fusion Reactors with A 15 T Test Facility
Plasma and Fusion Research 10 Special Issue 2 -2015 3405012
- (42) Inagaki S., Tokuzawa T., Kobayashi T., Itoh S., Itoh K., Ida K., Fujisawa A., Kubo S., Shimozuma T., Tamura N., Kasuya N., Tsuchiya H., Nagayama Y.
Study of Non-linear Coupling of Fluctuations at Long Distance in LHD
Nuclear Fusion 54 11 -2014 114014
- (43) Inoue H., Arikawa Y., Nozaki S., Fujioka S., Nagai T., Kojima S., Abe Y., Sakata S., Kinjo A., Nakai M., Shiraga H., Azechi H.
The Neutron Imaging Diagnostics and Reconstructing Technique for Fast Ignition
Plasma and Fusion Research 9 Special Issue 3 -2014 4404108
- (44) Ishiguro M., Hanada K., Liu H., Ogata R., Isobe M., Tashima S., Zushi H., Sato K., Fujisawa A., Nakamura K., Idei H., Sakamoto M., Hasegawa M., Takase Y., Maekawa T., Kishimoto Y., Mitarai O., Kawasaki S., Nakashima H., Higashijima A.
Investigation of Non-inductive Plasma Current Start-up by RF on QUEST
Journal of Physics: Conference Series 511 1 -2014 012041-1-6
- (45) Ishikawa R., Asensio Ramos, A., Belluzzi, L., Manso Sainz, R., Štěpán, J., Trujillo Bueno, J., Goto M., Tsuneta S.
On the Inversion of the Scattering Polarization and the Hanle Effect Signals in the Hydrogen Ly α Line
The Astrophysical Journal 787 2 -2014 159
- (46) Ishizaki R., Nakajima N.
MHD Simulations of Pellet Injection in the LHD
Plasma and Fusion Research 9 Special Issue 2 -2014 33403130-1-3403130-5
- (47) Ishizawa A.
Commentary: Two- and Gyro-Fluid Models and their Application to MHD Instabilities
Journal of Plasma and Fusion Research SERIES 90 4 -2014 213-227

- (48) Ishizawa A., Watanabe T., Sugama H., Maeyama S., Nakajima N.
Electromagnetic gyrokinetic turbulence in finite-beta helical plasmas
Physics of Plasmas 21 5 -2014 055905-1-055905-10
- (49) Isobe M., Ogawa K., Miyake H., Hayashi H., Kobuchi T., Nakano Y., Watanabe K., Uritani A., Misawa T., Nishitani T., Tomitaka M., Kumagai T., Mashiyama Y., Ito D., Kono S., Yamauchi M., Takeiri Y.
Wide Dynamic Range Neutron Flux Monitor Having Fast Time Response for the Large Helical Device
Review of Scientific Instruments 85 11 -2014 11E114
- (50) Ito S., Kawai K., Seino Y., Ohinata T., Tanno Y., Yanagi N., Terazaki Y., Natsume K., Hamaguchi S., Noguchi H., Tamura H., Mito T., Sagara A., Hashizume H.
Performance of a Mechanical Bridge Joint for 30-kA-class High-temperature Superconducting Conductors
IEEE Transactions on Applied Superconductivity 24 3 -2014 4602305
- (51) Ito S., Seino Y., Yanagi N., Terazaki Y., Sagara A., Hashizume H.
Bridge-Type Mechanical Lap Joint of a 100 kA-Class HTS Conductor having Stacks of GdBCO Tapes
Plasma and Fusion Research 9 Special Issue 2 -2014 3405086-1-3405086-5
- (52) Itoh S. I Itoh K.
Zero-dimensional model for the critical condition for the L-H transition in the flux-gradient relation
Nuclear Fusion 54 11 -2014 114017
- (53) Iwamoto M., Nakashima Y., Matsuura H., Takeda H., Hosoi K., Ichimura K., Kigure S., Takahashi S., Oki K., Nagatsuka Y., Yoshikawa M., Nohara R., Sakamoto M., Imai T., Ichimura M.
Measurement of heat flux by using Calorimeter in D-module of GAMMA 10/PDX
Plasma and Fusion Research 9 -2014 3402121
- (54) Jhang H., Diamond P., Leconte M., Ida K., Kwon J., Tamura Y., Kosuga N.
The 3rd Asia-Pacific Transport Working Group (APTWG) Meeting
Nuclear Fusion 54 4 -2014 47001
- (55) Kamio S., Takahashi H., Kubo S., Shimozuma T., Yoshimura Y., Igami H., Ito S., Kobayashi S., Mizuno Y., Okada K., Osakabe M., Muto T.
Electron cyclotron beam measurement system in the Large Helical Device
Review of Scientific Instruments 85 11 -2014 11E822
- (56) Kamio S., Watanabe T., Yamasaki K., Cao Q., Yamada T., Inomoto M., Ono Y.
Experimental Results of Ion Heating by Magnetic Reconnection Using External Coils
Plasma and Fusion Research 9 Special Issue 2 -2014 3402038-1-3402038-4
- (57) Kamitani A., Takayama T., Saitoh A.
Numerical investigations on applicability of permanent magnet method to crack detection in HTS film
Physica C: Superconductivity and its Applications 504 -2014 57-61
- (58) Kamiya K., Matsunaga G., Honda M., Miyato N., Urano H., Kamada Y., Ida K., Itoh K.
Edge Radial Electric Field Formation after the L-H Transition on JT-60U
Contributions to Plasma Physics 54 42100 -2014 591-598
- (59) Kasahara H., Seki T., Saito K., Seki R., Kumazawa R., Yoshimura Y., Kubo S., Shimozuma T., Igami H., Takahashi H., Nagasaki K., Ueda Y., Tokitani M., Ashikawa N., Shoji M., Wakatsuki T., Kamio S., Tsuchiya H., Yoshimura S., Tamura N., Suzuki C., Yamada H., Mutoh T.
Development of steady-state operation using ion cyclotron heating in the Large Helical Device
Physics of Plasmas 21 6 -2014 61505
- (60) Kasuya N., Sugita S., Inagaki S., Itoh K., Yagi M., Itoh S.
On violation of local closure of transport relation in high-temperature magnetized plasmas
Physics of Plasmas 21 11 -2014 110701
- (61) Kawamura G., Feng Y., Kobayashi M., Shoji M., Morisaki T., Masuzaki S., Tomita Y.
First EMC3-EIRENE simulations with divertor legs of LHD in realistic device geometry
Contributions to Plasma Physics 54 42100 -2014 437-441
- (62) Kawano T.
Comparative Evaluation of 18 Different Dried Kelps as Raw Materials of Natural Radiation Sources
Radioisotopes 64 2 -2015 123-131
- (63) Kawano T.
Radiation Measurement Practice for Understanding Statistical Fluctuation of Radiation Counts using Natural Radiation Sources
Radioisotopes 63 7 -2014 345-354

- (64) Kawano T., Ohashi H., Hamada Y., Jamsranjav E.
Shielding Effect on Tritium Water Monitoring System Based on CaF₂ Flow-Cell Detector
Nuclear Science and Techniques 25 S1 -2014 S010401-1-S010401-3
- (65) Kenmochi N., Minami T., Takahashi C., Tei S., Mizuuchi T., Kobayashi S., Nagasaki K., Nakamura Y., Okada H., Kado S., Yamamoto S., Ohshima S., Konoshima S., Shi N., Zang L., Ohtani Y., Kasajima K., Sano F.
First measurement of time evolution of electron temperature profiles with Nd:YAG Thomson scattering system on Heliotron J
Review of Scientific Instruments 85 11 -2014 11D819
- (66) Ko W., Lee H., Jeon Y., Ida K., Lee J., Yoon S., Lee K., Bae Y., Oh Y., Kwak J.
Rotation characteristics during the resonant magnetic perturbation induced edge localized mode suppression on the KSTAR
Review of Scientific Instruments 85 11 -2014 11E413
- (67) Kobayashi T., Birkenmeier G., Wolfrum E., Lagner F., Willensdorfer M., Stroth U., Inagaki S., Itoh S., Itoh K.
Method for estimating the propagation direction of a coherent plasma structure using a one-dimensional diagnostic array
Review of Scientific Instruments 85 8 -2014 083507
- (68) Kobayashi T., Itoh K., Ido T., Kamiya K., Itoh S., Miura Y., Nagashima Y., Fujisawa A., Inagaki S., Ida K., Kasuya N., Hoshino K.
Dynamics of edge limit cycle oscillation in the JFT-2M Tokamak
Nuclear Fusion 54 7 -2014 073017-1-14
- (69) Koike S., Kitajima S., Okamoto A., Ishii K., Sato Y., Tachibana J., Oku T., Shimizu K., Inagaki S., Suzuki Y., Takahashi H., Takayama, M.
Bursting high-frequency fluctuation observed in biased plasma in TU-Heliac
Nuclear Fusion 54 11 -2014 114013
- (70) Kojima S., Arikawa Y., Nishimura H., Togawa H., Zhang Z., Ikenouchi T., Ozaki T., Alesio M., Nagai T., Abe Y., Sakata S., Inoue H., Utsugi M., Nakai M., Nishimura H., Shiraga H., Kato R., Fujioka S., Azechi H.
Accuracy evaluation of a Compton X-ray spectrometer with bremsstrahlung X-rays generated by a 6 MeV electron bunch
Review of Scientific Instruments 85 11 -2014 11D634
- (71) Kudoh H., Yagai T., Hamano K., Yoshida K., Hamaguchi S., Natsume K., Obana T.
Theoretical and experimental analysis of Nb₃Sn strand buckling in large scale CIC conductor
Plasma and Fusion Research 9 Special Issue 2 -2014 3405063-1-3405063-5
- (72) Kuwahata A., Igami H., Kawamori E., Kogi Y., Inomoto M., Ono Y.
Excitation of Electrostatic Wave in Electron Cyclotron Frequency Range during Magnetic Reconnection in Laboratory Overdense Plasma
Physics of Plasmas 21 10 -2014 102116
- (73) Liu H., Hanada K., Nishino N., Ogata R., Ishiguro M., Gao X., Zushi H., Nakamura K., Fujisawa A., Idei H., Hasegawa M.
Cross-field motion of plasma blob-filaments and related particle flux in an open magnetic field line configuration on QUEST
Journal of Nuclear Materials 438 -2014 S513-S517
- (74) Maeyama S., Ishizawa A., Watanabe T., Nakata M., Miyato N., Yagi M., Idomura Y.
Comparison between kinetic-ballooning-mode-driven turbulence and ion-temperature-gradient-driven turbulence
Physics of Plasmas 21 5 -2014 052301-1-052301-12
- (75) Magori S., Ogura K., Iwasaki T., Kojima J., Yambe K., Kubo S., Shimoizuma T., Kobayashi S., Okada K.
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Plasma and Fusion Research 9 Special Issue 2 -2014 3406032-1-3406032-4
- (76) Makino R., Kubo S., Kobayashi K., Kobayashi S., Shimoizuma T., Yoshimura Y., Igami H., Takahashi H., Muto T.
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Review of Scientific Instruments 85 11 -2014 11D831
- (77) Matsuura H., Nagaoka K., Morisaki T., Masuzaki S., Osakabe M., Tanaka H.
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Contributions to Plasma Physics 54 3 -2014 285-290
- (78) Matsuyama A., Yagi M., Kagei Y., Nakajima N.
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Generation and Control of High Intermittent Heat Load Pattern for Divertor Simulation Studies in GAMMA 10 Tandem Mirror Plasma and Fusion Research9 Special Issue 2 -2014 3402116
- (81) Minami R., Imai T., Kariya T., Numakura T., Eguchi T., Kawarasaki R., Nakazawa K., Kato T., Sato F., Nanzai H., Uehara M., Endo Y., Ichimura M.
Soft X-ray Intensity Profile Measurements of Electron Cyclotron Heated Plasmas Using Semiconductor Detector Arrays in GAMMA 10 Tandem Mirror
Review of Scientific Instruments85 11 -2014 11D807
- (82) Mishra K., Idei H., Zushi H., Nagata K., Akimoto R., Yamamoto M., Hanada K., Hasegawa M., Nakamura K., Fujisawa A., Nagashima Y., Banerjee S., Onchi T., Kuzmin A.
Thermal imaging of plasma with a phased array antenna in QUEST
Review of Scientific Instruments85 11 -2014 11E808
- (83) Mishra K., Zushi H., Idei H., Tashima S., Banerjee S., Hasegawa M., Hanada K., Nakamura K., Fujisawa A., Nagashima Y., Matsuoka K., Kuzmin A., Onchi T.
Analytical Solution of High β_p Equilibria with Natural Inboard Poloidal Null Configuration Obtained in the Spherical Tokamak QUEST
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- (84) Miura H., Araki K.
Structure transitions induced by the Hall term in homogeneous and isotropic magnetohydrodynamic turbulence
Physics of Plasmas21 7 -2014 072313-1-072313-10
- (85) Miyazawa J., Suzuki Y., Satake S., Seki R., Masaoka Y., Murakami S., Yokoyama M., Narushima Y., Nunami, M., Goto T., Suzuki C., Yamada I., Sakamoto R., Yamada H., Sagara A.
Physics analyses on the core plasma properties in the helical fusion DEMO reactor FFHR-d1
Nuclear Fusion54 4 -2014 43010
- (86) Morita S., Wang E., Dong C., Oishi T., Goto M., Huang X.
Images of Impurity Line Emissions in Extreme Ultraviolet Region from Large Helical Device with Edge Stochastic Magnetic Field Layer
IEEE Transactions on Plasma Science42 10 -2014 2542-2543
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Plasma Physics and Controlled Fusion56 9 -2014 094007-1-094007-10
- (88) Mukai K., Peterson B., Pandya S., Sano R.
In situ calibration of an infrared imaging video bolometer in the Large Helical Device
Review of Scientific Instruments85 11 -2014 11E435
- (89) Mukai K., Peterson B., Pandya S., Sano R., Itomi M.
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Plasma and Fusion Research9 Special Issue 2 -2014 3402037
- (90) Murakami I., Watanabe T., Suzuki C., Morita S., Dong C., Tamura N., Yamamoto N., Kato D., Sakaue H., Hara H., Nakamura N., Sudo S.
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Plasma and Fusion Research9 Regular Issue -2014 1401056-1-1401056-8
- (91) Muroga T., Chen J., Chernov V., Kurtz R., Flem M.
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Journal of Nuclear Materials455 42007 -2014 263-268
- (92) Muroga T., Nagasaka T., Li Y., Abe H., Ukai S., Kimura A., Okuda T.
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Fusion Engineering and Design89 7-8 -2014 1717-1722
- (93) Nagai T., Nakai M., Arikawa Y., Abe Y., Kojima S., Sakata S., Inoue H., Fujioka S., Shiraga H., Sarukura N., Norimatsu T., Azechi H.
The Development of the Neutron Detector for the Fast Ignition Experiment by using LFEX and Gekko XII Facility
Plasma and Fusion Research9 Special Issue 3 -2014 4404105
- (94) Nakamura Y., Kobayashi M., Yoshimura S., Tamura N., Yoshinuma M., Tanaka K., Suzuki C., Peterson B., Sakamoto R., Morisaki T.
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Revised cloud storage structure for light-weight data archiving in LHD
Fusion Engineering and Design 89 5 -2014 707-711
- (96) Nakano H., Isoda M., Sakai T.
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Journal of the Physical Society of Japan 83 5 -2014 053702-1-053702-4
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Instability of a ferrimagnetic state of a frustrated $S = 1/2$ Heisenberg antiferromagnet in two dimensions
Japanese Journal of Applied Physics 54 3 -2015 30305
- (98) Nakano H., Sakai T., Hasegawa Y.
Spin-Flop Phenomenon of Two-Dimensional Frustrated Antiferromagnets without Anisotropy in Spin Space
Journal of the Physical Society of Japan 83 8 -2014 84709
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Study on in situ calibration for neutron flux monitor in the Large Helical Device based on Monte Carlo calculations
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