

CONTENTS (2020, Volume 43, Issue 2)

<i>Sharapov V.M.</i> Discharge chamber plasma-chemical conditioning in magnetic confinement fusion devices (Review)	5
<i>Ananyev S.S., Demidov D.N., Suslin S.V.</i> Hydrogen transport and inventories in vacancies in the damaging neutron irradiation process in BCC metals Fe and W	13
<i>Qadr H.M.</i> Calculation of gamma-ray attenuation parameters for aluminium, iron, zirconium and tungsten	25
<i>Zhogolev V.E.</i> Parallel plasma conductivity in the presence of molecular gas	31
<i>Navolotsky A.S., Afanasyev V.I., Melnik A.D., Mironov M.I., Nesenevich V.G., Petrov S.Ya., Petrov M.P., Chernyshev F.V., Aleksandrov I.V., Marinin G.V., Terentev D.V., Filippov A.S., Belov A.V., Gaponok E.I., Kedrov I.V., Konin A.Yu., Lyublin B.V., Sukhanova M.V., Tanchuk V.N., Hitruk A.A., Borisov A.A., Deryabina N.A., Mokeev A.N.</i> Neutron collimator for neutral particle diagnostic system for ITER	38
<i>Sergeev D.S., Nerush M.N.</i> Analysis of the possibility of measuring the electron plasma density of the T-15MD tokamak by probing with electromagnetic waves of the submillimeter range	49
<i>Dokuka V.N., Khayrutdinov R.R.</i> Numerical researches of plasma discharges in KTM tokamak in autumn campaign 2019	57
<i>Aleksandrova I.V., Koresheva E.R., Koshelev E.L., Timasheva T.P.</i> Mass manufacturing of cryogenic fuel targets for laser IFE systems	67
<i>Belozеров O.S., Dan'ko S.A., Ananyev S.S.</i> A technique for observing the dynamics of electron beam focusing in the experiment on ions acceleration in a REB generator	80