

# Ilya Orlovskiy

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7942237/publications.pdf>

Version: 2024-02-01

17  
papers

113  
citations

1478280

6  
h-index

1372474

10  
g-index

17  
all docs

17  
docs citations

17  
times ranked

115  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal and neutron tests of multilayered dielectric mirrors. Fusion Engineering and Design, 2005, 74, 865-869.	1.0	19
2	MHD-mode locking by controlled halo-current in the T-10 tokamak. Nuclear Fusion, 2003, 43, 681-685.	1.6	18
3	Radiation induced absorption of hydrogen-loaded pure silica optical fibers with carbon coating for ITER diagnostics. Fusion Engineering and Design, 2020, 151, 111356.	1.0	13
4	Thermal testing of the first mirror unit mock-up for H-alpha and visible spectroscopy in ITER. Fusion Engineering and Design, 2015, 96-97, 899-902.	1.0	11
5	Development of ITER diagnostics: Neutronic analysis and radiation hardness. Fusion Engineering and Design, 2015, 96-97, 177-180.	1.0	7
6	Testing of sandwich molybdenum mirrors with radiative cooling for H-alpha and visible spectroscopy in ITER. Fusion Engineering and Design, 2017, 123, 1011-1014.	1.0	6
7	Neutron irradiation of flint glasses for optics in ITER. Nuclear Materials and Energy, 2018, 15, 249-253.	0.6	6
8	A study of methods to enhance infrared emissivity of Molybdenum surfaces. Fusion Engineering and Design, 2019, 146, 144-148.	1.0	6
9	Irradiation test of fiber optics for H-alpha diagnostics in ITER. Fusion Engineering and Design, 2019, 146, 796-799.	1.0	5
10	Tearing-mode natural frequency behaviour under mode-locking in T-10 tokamak. Nuclear Fusion, 2004, 44, 287-289.	1.6	4
11	Broadband dielectric mirrors for optical diagnostics in ITER. Fusion Engineering and Design, 2013, 88, 1284-1287.	1.0	4
12	Neutron irradiation of modern KU-1 and KS-4V fused silica. Journal of Nuclear Materials, 2013, 442, S508-S510.	1.3	4
13	Estimation of neutral fluxes on the first mirror of H-alpha diagnostics in ITER. Fusion Engineering and Design, 2019, 146, 827-830.	1.0	4
14	Plasma tests of diagnostic mirrors for ITER purposes. Fusion Engineering and Design, 2013, 88, 1280-1283.	1.0	2
15	Gamma irradiation of flint glasses for optics in ITER. Fusion Engineering and Design, 2021, 170, 112525.	1.0	2
16	Radiation tests of the prototypes of the fiber-optic collector for ITER plasma diagnostics. Fusion Engineering and Design, 2021, 170, 112465.	1.0	2
17	Estimation of the Degradation Rate of the In-Vessel Mirrors for the H-Alpha and Visible Spectroscopy Diagnostics in ITER. Physics of Atomic Nuclei, 2020, 83, 1083-1092.	0.1	0