Green Journals

International Approved Journals

Journal Information

Journal Title	Plasma Science and Technology
Publisher	IOP Publishing Ltd.
ISSN	1009-0630
E-ISSN	
Database	SCOPUS
Domain	Health Sciences, Physical Sciences

Classification History

Year	A+	A	B	C
2026		✓	✓	
2025		✓	✓	
2024		✓	✓	
2023		✓	✓	
2021/2022		✓	✓	
2020		✓	✓	
2019		✓	✓	
2018		✓		

Classification: The table above shows all journal classifications recorded for each classification year in the Green Journals database. A journal may have more than one classification in the same year.

Recent Articles

Development and validation of a local neoclassical transport module in NLT with applications to EAST-relevant impurity transport
2026-11-10
Authors: Dandan Liao, Lei Ye, Guoxu Wang et al.
DOI: 10.1088/2058-6272/aec05e

Deep learning with physics-guided event screening for sawtooth recognition on the EXL-50U spherical torus
2026-11-9
Authors: Xiangrong Wang, Songfen Liu, Cong Zhang et al.
DOI: 10.1088/2058-6272/aebfe4

Perturbation analysis of beta-induced Alfvén eigenmode in toroidally rotating tokamak plasmas
2026-11-2
Authors: Runlong Wang, Zhe Chen, Haijun Ren
DOI: 10.1088/2058-6272/aebc30

Hydrophilic modification of superhydrophobic coatings induced by surface dielectric barrier discharge plasma
2026-11-2
Authors: Qinghao Wen, yutai li, Guolin Yang et al.
DOI: 10.1088/2058-6272/aebce2

A numerical study on the effects of catalyst pore diameter and depth on atmospheric air packed-bed dielectric barrier discharge
2026-11-1 Vol. 28 Issue 11 Pages 114006
Authors: Chunjing □□ WANG □, Yongqi □□ LI □, Wanting □□ ZHENG □ et al.
DOI: 10.1088/2058-6272/ae8a2f

Atmospheric dielectric barrier discharge-induced grafting for durable hydrophilic modification of the inner wall of thermoplastic polyurethane catheters

2026-11-1 Vol. 28 Issue 11 Pages 114008

Authors: Ruixue □□ WANG □, Zixuan □□ GUO □, Shuang □ XUE □ et al.

DOI: 10.1088/2058-6272/ae9716

JOREK simulation of heat load asymmetry during unmitigated and mitigated thermal quenches in EXL-50U

2026-11-1 Vol. 28 Issue 11 Pages 114002

Authors: Yuhsien □□ CHENG □, Yuxiang □□ SUN □, Di □ HU □ et al.

DOI: 10.1088/2058-6272/ae8cc2

Surface modification of A Co ₂ O ₄ (A = Mn, Ni, Zn) spinel catalysts by H ₂ /Ar plasma etching: improving oxygen vacancies and low-valence state species to promote toluene combustion

2026-11-1 Vol. 28 Issue 11 Pages 114009

Authors: Zixing □□ ZHANG □, Yi □ PEI □, Xiaoyun □□ WANG □ et al.

DOI: 10.1088/2058-6272/ae9b7c

Machine learning-guided genetic algorithm for accelerated screening of Ni–Fe-based OER catalysts and validation by plasma-assisted electrodeposition

2026-11-1 Vol. 28 Issue 11 Pages 114007

Authors: Yina □□ GUO □, Yansong □□ ZHOU □, Zhuming □□ MAO □ et al.

DOI: 10.1088/2058-6272/ae936e

Propagation characteristics of ion acoustic waves in lightning plasma channels

2026-11-1 Vol. 28 Issue 11 Pages 115001

Authors: Yingying □□ AN □, Yifei □□ LU □, Ping □ YUAN □ et al.

DOI: 10.1088/2058-6272/ae971b