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Journal Information

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Classification History

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2026			✓	
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2023			✓	
2021/2022				
2020				
2019				
2018				

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Recent Articles

Application and validation of the resonance method for evaluation of corona discharge ignition voltages
2026-7-27 Vol. 13 Issue 2 Pages 43-48
Authors: Filip Zmeko, Eva Müllerová
DOI: 10.14311/ppt.2026.2.43

31st Symposium on Plasma Physics and Technology
2026-7-27 Vol. 13 Issue 2 Pages 1-71
Authors: Various Authors
DOI: 10.14311/ppt.2026.2.fabs

Plasma-assisted methane pyrolysis in a DC thermal plasma torch: experimental investigation and thermodynamic-kinetic modeling
2026-7-27 Vol. 13 Issue 2 Pages 49-55
Authors: Alexei Essiptchouk, Felipe Miranda, Eduardo Prado et al.
DOI: 10.14311/ppt.2026.2.49

Atmospheric-pressure oxygen plasma as a sustainable approach for waste tire disposal and emission reduction
2026-7-27 Vol. 13 Issue 2 Pages 56-63
Authors: RAMAZAN CAKMAK, HAMIYET SAHIN KOL, FERHAT BOZDUMAN et al.
DOI: 10.14311/ppt.2026.2.56

Simulation of contactor for regional hybrid-electric aircraft
2026-6-5 Vol. 13 Issue 1 Pages 7-12
Authors: Bogdan Barbu, Frank Berger
DOI: 10.14311/ppt.2026.1.7

Electric arc during contact opening at 540 VDC

2026-6-5 Vol. 13 Issue 1 Pages 1-6
Authors: Carla Pietri, Romaric Landfried, Thierry Leblanc et al.
DOI: 10.14311/ppt.2026.1.1

Spectroscopic diagnostics of arc discharge plasma between composite Mo-Cu electrodes with oxide impurities

2026-6-5 Vol. 13 Issue 1 Pages 37-42
Authors: Aleksandr Murmantsev, Anatol Veklich, Vladyslav Apanasenko et al.
DOI: 10.14311/ppt.2026.1.37

Efficient arc simulation in high-voltage circuit breakers using the equal emission banding method

2026-6-5 Vol. 13 Issue 1 Pages 19-24
Authors: Seyed Vahidreza Rohani, Joseph Yan, Jerry Chou
DOI: 10.14311/ppt.2026.1.19

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2026-6-5 Vol. 13 Issue 1 Pages 25-30
Authors: Omar Hennane, Arslane Mohammed Amine Boudghene Stambouli, Lotfi Ibrahim Karaouzène et al.
DOI: 10.14311/ppt.2026.1.25

Estimation of dielectric recovery of fast opening commutating switches after short time arcs

2026-6-5 Vol. 13 Issue 1 Pages 13-18
Authors: Kaveh Niayesh, Anders Usland
DOI: 10.14311/ppt.2026.1.13