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- Basic plasma phenomena
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- Nonlinear plasma dynamics
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- Microwave/plasma interaction
- Laser–plasma interactions
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- Low temperature plasma
- High temperature plasma
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- Magnetic reconnection and laboratory astrophysics
- Plasma-based technology and treatments
- Plasma diagnostics
- Plasma chemistry and processing
- Plasma for controlled fusion research
- Biological and medical applications of plasma
- Industrial/commercial applications of plasma
- Plasma flow control

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