

In this study, we investigate the magnetic mirror effect in a fully cylindrical Hall thruster by changing the number of iron rings (0-5), which surround the discharge channel wall.

Motion Control of Capsule Robot Based on Adaptive Magnetic Levitation Using Electromagnetic Coil Li Song, Yuguo Dai, Luyao Wang, Wei Zhang, Yiming Ji, Student Member, IEEE, Yuqing Cao, Junyi ...

Yun Le's 39 research works with 693 citations and 2,161 reads, including: Stability control of high-speed magnetic levitation turbomolecular pumps with shock-excited disturbance

He had ever worked in Laboratory GREMI (CNRS), University of Orleans in France (7,2002 - 10,003), and Queen Mary, University of London in the U.K. (2-3, 2006) as a visiting scholar.

A microthrust-measuring device using high-temperature superconductor magnetic levitation (HTSML) is designed to remove connecting interferences for better evaluation of EP thrusters.

Article "A simplified analysis method and suppression of the modalities of a magnetic levitation turbo rotor system"; Detailed information of the J-GLOBAL is an information service managed by the Japan ...

In view of the magnetically actuated capsule robot applications in diagnoses of human stomach disease, the challenges that are associated with degrees-of-freedom (DOF), environmental ...

This paper presents a new structure of magnetic levitation energy harvester (MLEH) for low-power-device's energy storage, which uses magnetic liquid to improve energy conversion ...

The magnetic suspension technology is used in the FESS to reduce the standby loss and improve the power capacity. First, the whole system of the FESS with the magnetic levitation ...

Jiapeng Yang's 4 research works with 4 citations and 531 reads, including: Deep Learning Assisted Automated Separation Platform of Single Cells and Microparticles Using Optoelectronic Tweezers

In order to enhance levitation performance of the high temperature superconducting (HTS) magnetic levitation (Maglev) vehicle and have more stable and safer operation, levitation forces of YBCO ...

This paper presents the stability control for the six DOFs magnetic levitation (maglev) system. The electromagnetic forces and torques are obtained by numerical simulation, sampling intervals of ...



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Shitong Wei's 5 research works with 1 citations and 26 reads, including: A simplified analysis method and suppression of the modalities of a magnetic levitation turbo rotor system



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