

**Title:** Mass Function of Low-Mass Dark Halos  
**Authors:** Yahagi,H., Nagashima,M. & Yoshii,Y.  
**Journal:** Astrophysical Journal, Volume 605, Issue 2, pp. 709-713

**Title:** Magnetohydrodynamic Simulations of the Formation of Cold Fronts in Clusters of Galaxies Including Heat Conduction  
**Authors:** Asai,N., Fukuda,N. & Matsumoto,R.  
**Journal:** Astrophysical Journal, Volume 606, Issue 2, pp. L105-L108

**Title:** Distribution of Faraday Rotation Measure in Jets from Active Galactic Nuclei. II. Prediction from our Sweeping Magnetic Twist Model for the Wiggled Parts of Active Galactic Nucleus Jets and Tails  
**Authors:** Kigure,H., Uchida,Y., Nakamura,M., Hirose,S. & Cameron,R.

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**Title:** Decay of Alfvén Waves in a Filamentary Cloud  
**Authors:** Sugimoto,K., Hanawa,T. & Fukuda,N.  
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**Title:** Quasi-Periodic Inward Shock Formations in the System of a Black Hole and an Accretion Disk and Application to Quasi-Periodic Oscillations in Galactic Black Hole Candidates  
**Authors:** Aoki,S.I., Koide,S., Kudoh,T., Nakayama,K. & Shibata,K.  
**Journal:** Astrophysical Journal, Volume 610, Issue 2, pp. 897-912

**Title:** Numerical Examination of the Stability of an Exact Two-Dimensional Solution for Flux Pile-Up Magnetic Reconnection  
**Authors:** Hirose,S., Litvinenko,Y.E., Tanuma,S., Shibata,K., Takahashi,M., Tanigawa,T., Sasaqui,T., Noro,A., Uehara,K., Takahashi,K., Taniguchi,T. & Terekhova,T.A.  
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**Authors:** Enoki,M., Inoue,K.T., Nagashima,M. & Sugiyama,N.  
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**Authors:** Saitoh,T.R. & Wada,K.  
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**Title:** Mature and Fresh Surfaces on the Newborn Asteroid Karin  
**Authors:** Sasaki,T., Sasaki,S., Watanabe,J., Sekiguchi,T., Yoshida,F., Kawakita,H., Fuse,T., Takato,N., Dermawan,B. & Ito,T.  
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**Title:** The Collapse of Differentially Rotating Supermassive Stars: Conformally Flat Simulations  
**Authors:** Saijo,M.  
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**Title:** Formation of omega Centauri by Tidal Stripping of a Dwarf Galaxy  
**Authors:** Idata,M. & Makino,J.  
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**Title:** The Surprisingly Steep Mass Profile of A1689, from a Lensing Analysis of Subaru Images  
**Authors:** Broadhurst,T., Takada,M., Umetsu,K., Kong,X., Arimoto,N., Chiba,M. & Futamase,T.  
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**Authors:** Aikawa,Y., Herbst,E., Roberts,H. & Caselli,P.  
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**Authors:** Kuwabara,T., Shibata,K., Kudoh,T. & Matsumoto,R.  
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**Authors:** Tsuji,T.  
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**Title:** A Mushroom-Shaped Structure from the Impact of a Cloud with the Galactic Disk  
**Authors:** Kudoh,T. & Basu,S.  
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**Authors:** Sofue,Y., Kudoh,T., Kawamura,A., Shibata,K. & Fujimoto,M.  
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**Authors:** Okumura,S., Mori,A. & Yanagisawa,K.

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**Authors:** Asano,E., Uchida,T. & Matsumoto,R.

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**Authors:** Shibata,M. & Sekiguchi,Y.

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**Authors:** Sekiguchi,Y. & Shibata,M.

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**Authors:** Kudoh,T. & Basu,S.

**Journal:** Astrophysics and Space Science, Volume 292, Issue 1, pp. 161-166