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フレア、ジェット、ガンマ線バースト

2003年度 国立天文台天文学データ解析計算センター大規模シミュレーション・
ユーザーズミーティング（国立天文台）12月

(131) 磯部洋明¹

磁気対流と浮上磁場の3次元MHDシミュレーション

(132) 田沼俊一¹

太陽フレアにおける磁気リコネクションジェット中の多重衝撃波

(133) 宮腰剛広¹、横山央明²³、磯部洋明¹、柴田一成¹

浮上磁場の磁気リコネクションによる太陽コロナジェットのMHD数値シミュレーション

2003 AGU Fall Meeting (アメリカ) 12月

(134) Morimoto, T.¹ and Kurokawa, H.¹

The Three-Dimensional Velocity Fields Of Solar Disappearing Filaments And Their Relations To Coronal Activities

広報普及活動

国立科学博物館天文学普及講演会（4月19日）

(135) 野上大作¹

激しく活動する宇宙 —特に太陽・恒星フレアについて—

12.3 天文台出版物

CONTRIBUTIONS FROM THE KWASAN AND HIDA OBSERVATORIES

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