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## Cover

Steady-state linear divertor simulator MAP(material and plasma)-II in the University of Tokyo. (a) Helium plasma column at the floating end target. The electron temperature is controlled to be around 4eV. (b) Puffing of molecular hydrogen gas quenches the plasma of (a) without accompanying the emission from highly excited states, that is indicative of an onset of a molecular-assisted/activated recombination (MAR). (p.810 Review SKADO *et al.*)