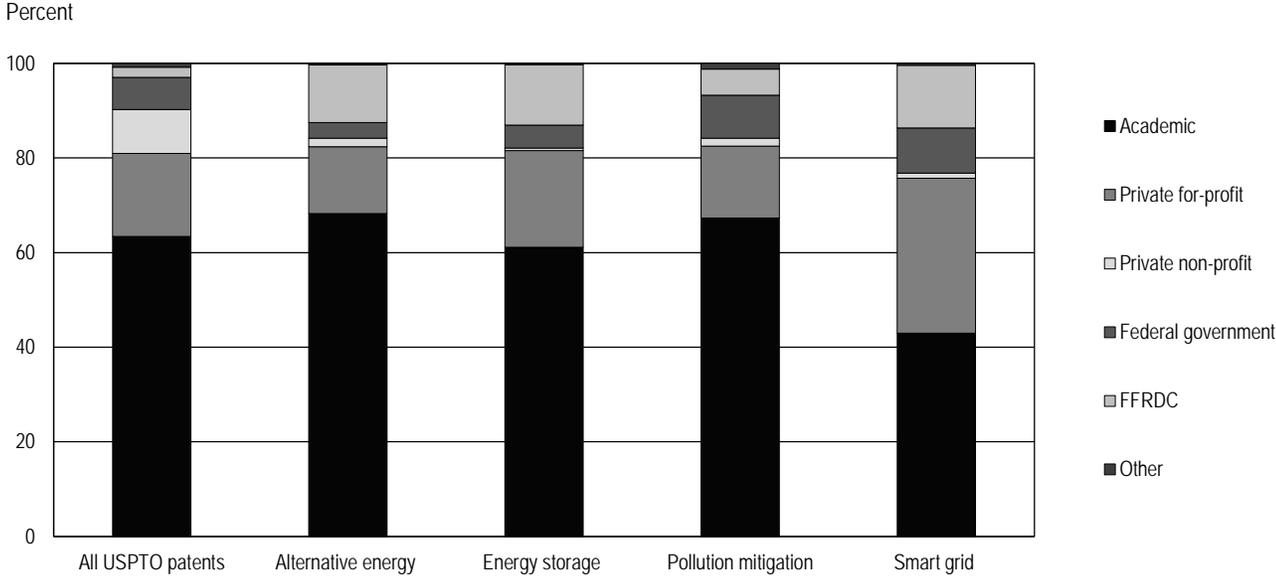


FIGURE 13. U.S. sector affiliation of scientific publications cited by USPTO patents granted in clean energy and pollution control technologies: 1998–2010



FFRDC = federally funded research and development center; USPTO = U.S. Patent and Trademark Office.

NOTES: USPTO utility patents granted in 1998–2010 citing U.S. authored scientific publications with a 6 year window with a 5 year lag. For example, USPTO patents granted in 2010 would cite U.S. authored scientific papers published between 1999 and 2005. Sector affiliation determined on the basis of the institutional address of the U.S. authored scientific publication.

SOURCE: The Patent Board™, special tabulations (2011) from Proprietary Patent database.