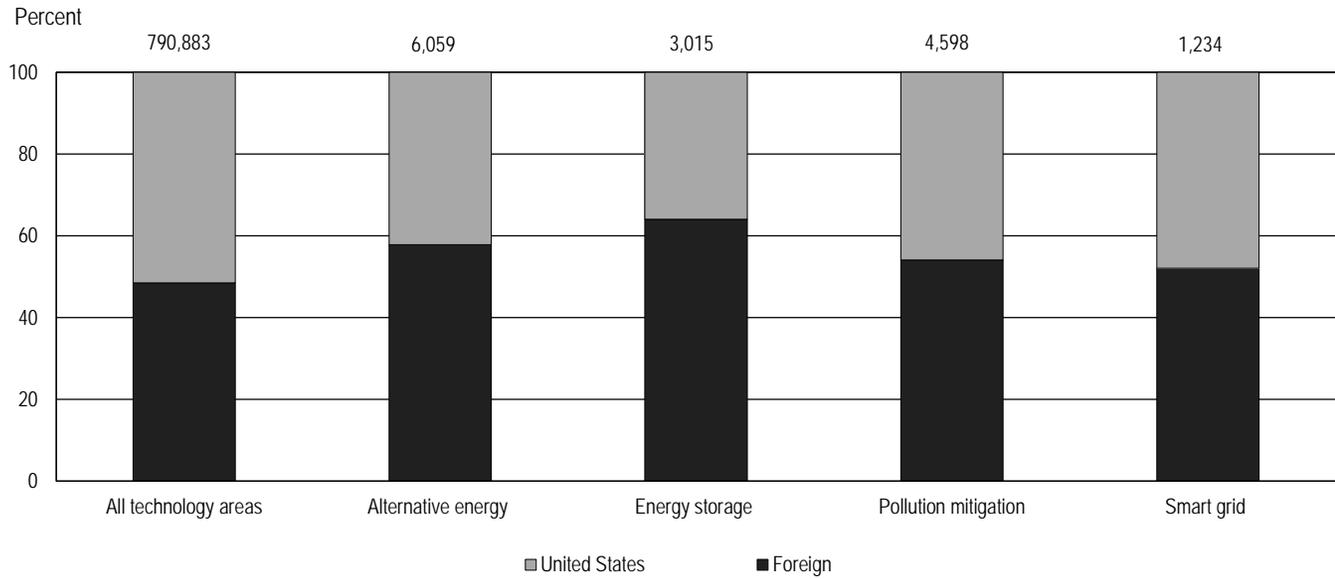


FIGURE 12. Scientific publications cited by USPTO patents granted in clean energy and pollution control technologies, by location of institutional author: 1988–2010



USPTO = U.S. Patent and Trademark Office.

NOTES: Number of scientific publications for each technology area shown above the relevant column. USPTO utility patents granted in 1998–2010 citing scientific publications with a 6 year window with a 5 year lag. For example, USPTO patents granted in 2010 would cite scientific papers published between 1999 and 2005.

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