

Financing HFC Technologies

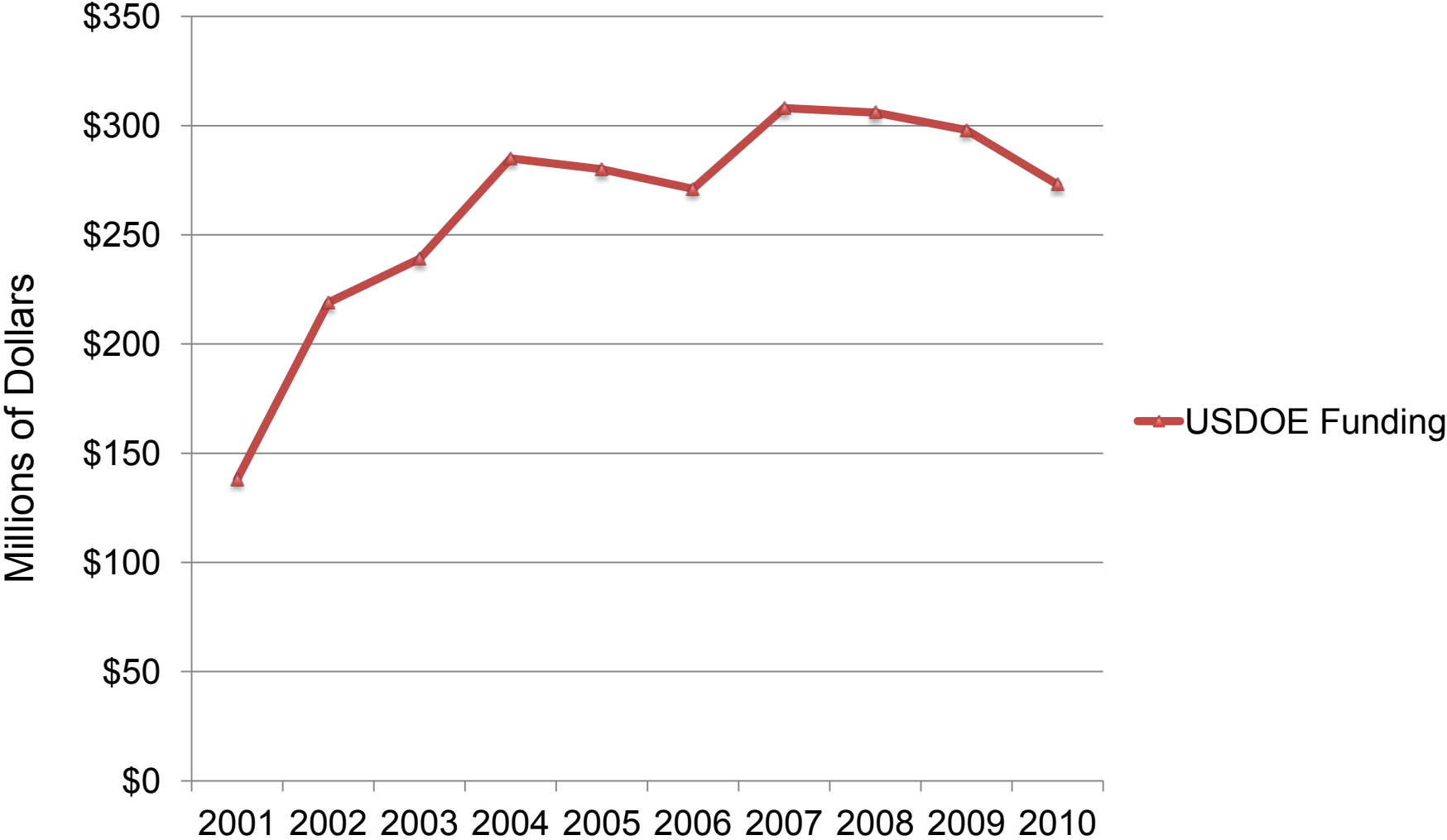
by

Jan van Dokkum

November 4, 2011

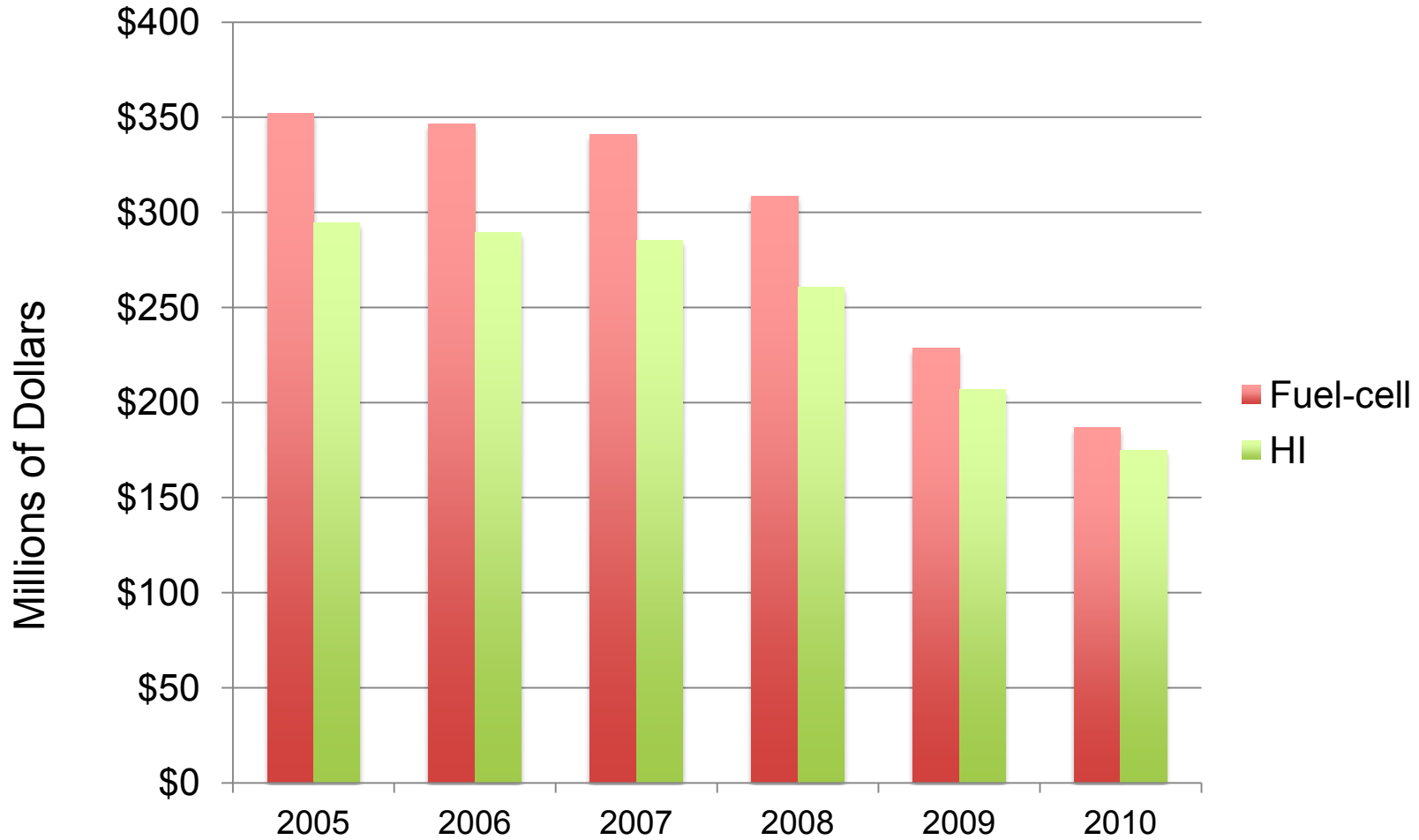
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USDOE Investment in the Fuel-cell/HI Industries



Source: DOE data obtained from <http://fuelcells.org>

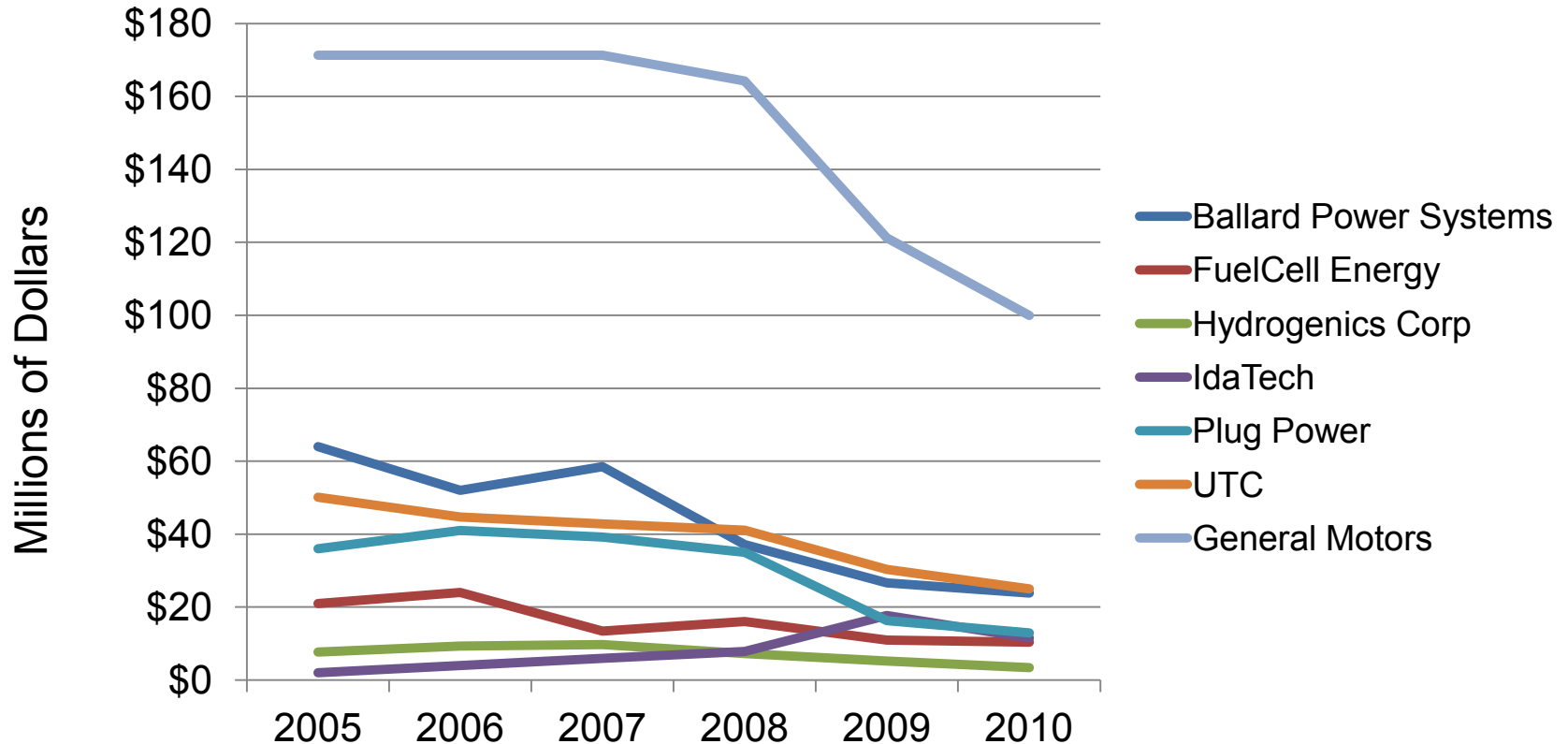
US Private Sector Spending in Fuel-cell/HI Industries



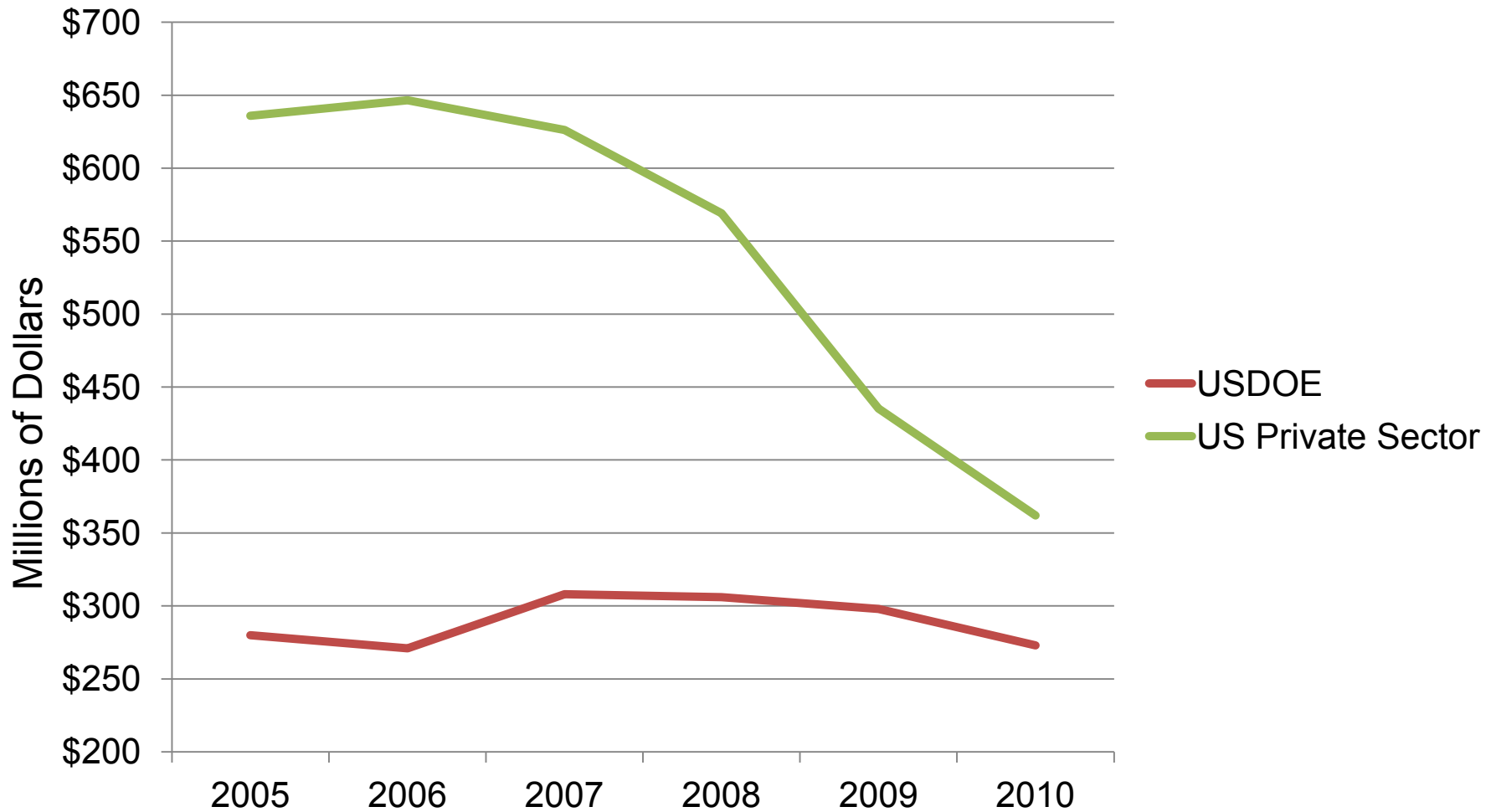
Source: [2011 EERE Fuel-cell report](#); [Industry review by fuel-cell today](#); Annual reports of fuel-cell/HI companies; 2005-2009 HI data is an approximation

US Fuel-cell Industry R&D Spending

CAGR of -12% from 2005 - 2010



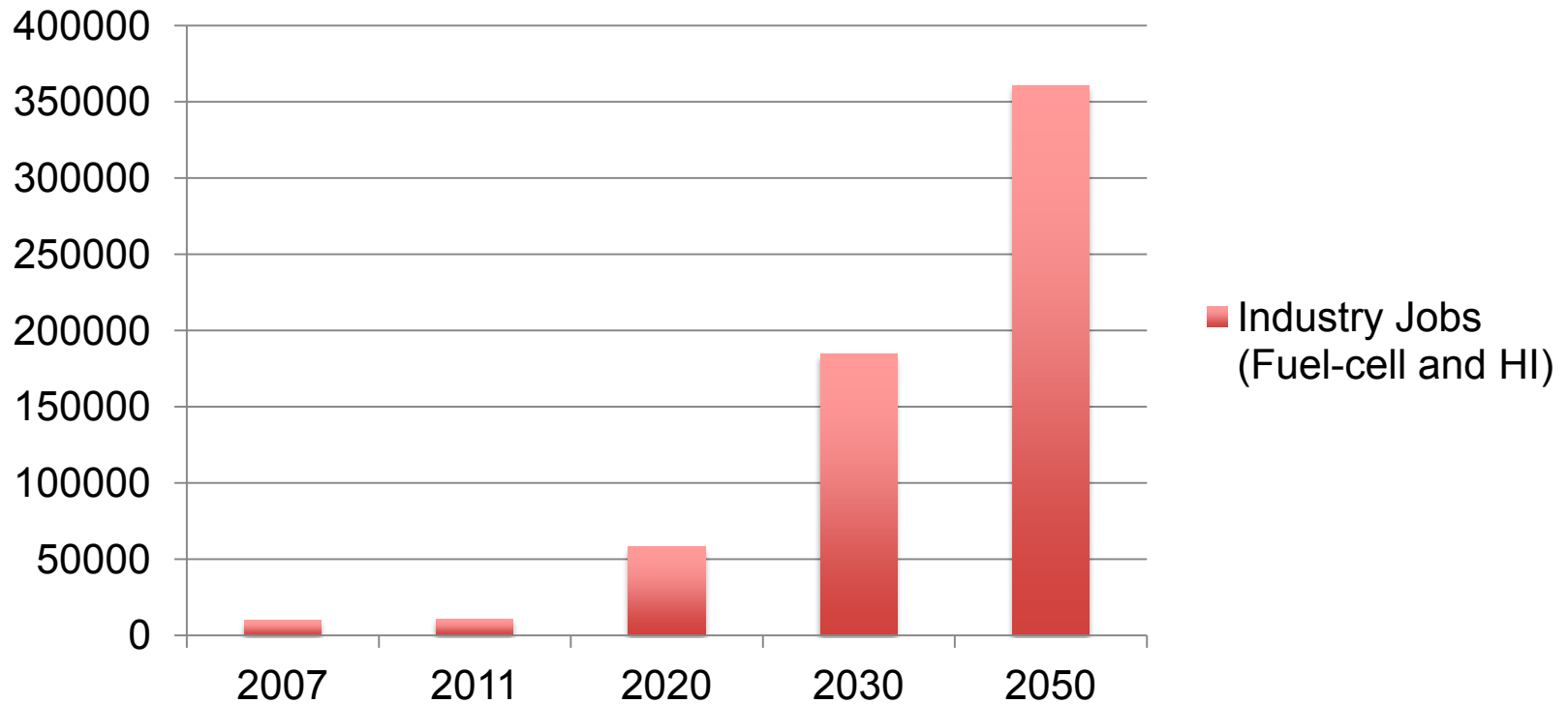
Correlation Between US Public and Private Spending in Fuel-cell / HI Industries



Source: [2011 EERE Fuel-cell report](#); [Industry review by fuel-cell today](#); Annual reports of fuel-cell/HI companies; 2005-2009 HI Data is approximation

US Employment Data in Fuel-cell / HI Industries

Industry Jobs (Fuel-cell and HI) in US



Source: [2008 DOE Study on Job Estimates in Fuel-cell/HI Industries](#):
Data for 2011 to 2050 is Estimated, 2007 is actual

Correlation Between USDOE Spending and US IP Filings in the Fuelcell Industry

