



量子材料科学中心

Weekly Seminar



$1/300$
 10
 1.59×10
 $200,000 \text{ cm}^2 \text{V}^{-1} \text{s}$
 10^{12} cm
 $20,000 \text{ cm}^2/\text{Vs}$
 $\text{Co}_2\text{Si}/\text{Al}_2\text{O}_3$
 140 nm
 300 GHz
 GaN
 100
 nm
 $0-2 \text{ wt}\%$
 $140 \text{ cm}^2/\text{V}\cdot\text{s}$
 10^7
 700
 8%
 17%
 300
 $1 \text{ wt}\%$



2009
 2007 7
 2009 4
 2011 1
 2007 10
 2009 1
 2005 11
 2011
 Nature
 PNAS 20
 Nano Lett. 1700
 Adv. Mater. H 26
 JACS 2012
 ACS Nano 2010
 SCI
 Scopus 2008
 2007