

select your interest

Materials Science

Vacuum

browse top 25 archive

October to December 2006

show my alerts

sign up now! for the e-mail alerts

e-mail address



You can sign-up to receive our free Top 25 e-mail alerts. When you register, you can choose to receive alerts by subject or journal, and can subscribe to up to 10 alerts at once.

log in

e-mail address

password



remember me on this computer

[forgotten password?](#)

[not registered? Sign up](#)

Request your free Top 25 certificate

Tell other people about this service

[Support](#) [About the Top 25](#) [Sitemap](#)

Top 25 Hottest Articles

Materials Science > Vacuum

July to September 2006

[RSS](#) [Blog This!](#) [Print](#) [Show condensed](#)

1. **Hydrogen storage: The major technological barrier to the development of hydrogen fuel cell cars**

Vacuum, Volume 80, Issue 10, August 2006, Pages 1084-1089

Ross, D.K.

[Cited by Scopus \(204\)](#)

2. **Photovoltaic solar cells: Choice of materials and production methods**

Vacuum, Volume 80, Issue 10, August 2006, Pages 1090-1097

Miles, R.W.

[Cited by Scopus \(41\)](#)

3. **Proton exchange membrane fuel cells**

Vacuum, Volume 80, Issue 10, August 2006, Pages 1053-1065

Vishnyakov, V.M.

[Cited by Scopus \(56\)](#)

4. **Application of vacuum deposition methods to solid oxide fuel cells** - Review article

Vacuum, Volume 80, Issue 10, August 2006, Pages 1066-1083

Pederson, L.R.; Singh, P.; Zhou, X.D.

[Cited by Scopus \(70\)](#)

5. **Nano-crystalline titanium dioxide formed by reactive plasma synthesis**

Vacuum, Volume 80, Issue 11-12, September 2006, Pages 1252-1255

Padmanabhan, P.V.A.; Sreekumar, K.P.; Thiyagarajan, T.K.; Satpute, R.U.; Bhanumurthy, K.; Sengupta, P.; Dey, G.K.; Warriar, K.G.K.

[Cited by Scopus \(28\)](#)

6. **The influence of Ni catalyst on the growth of carbon nanotubes on Si substrates**

Vacuum, Volume 81, Issue 1, September 2006, Pages 22-24

Danis, T.; Kadlecikova, M.; Vojackova, A.; Breza, J.; Michalka, M.; Buc, D.; Redhammer, R.; Vojs, M.

[Cited by Scopus \(7\)](#)

7. **Future energy supply for society-Challenges in evaluation criteria and interdisciplinary research**

Vacuum, Volume 80, Issue 10, August 2006, Pages 1048-1052

Weisz, P.B.

[Cited by Scopus \(3\)](#)

8. **Photo-catalytic TiO₂ film deposition by atmospheric TPCVD**

Vacuum, Volume 80, Issue 11-12, September 2006, Pages 1278-1283

Ando, Y.; Tobe, S.; Tahara, H.

[Cited by Scopus \(8\)](#)

9. **Plasma-surface interaction in ITER**

Vacuum, Volume 80, Issue 10, August 2006, Pages 1098-1106

Kleyn, A.W.; Koppers, W.; Lopes Cardozo, N.

[Cited by Scopus \(23\)](#)

10. **Al-doped ZnO films by pulsed laser deposition at room temperature**

Vacuum, Volume 81, Issue 1, September 2006, Pages 18-21

Liu, Y.; Zhao, L.; Lian, J.

[Cited by Scopus \(24\)](#)

11. **Magnetron sputtering: a review of recent developments and applications** - Review article

Vacuum, Volume 56, Issue 3, March 2000, Pages 159-172

Kelly, P.J.; Arnell, R.D.

[Cited by Scopus \(550\)](#)