

MOST CITED SPANISH (CONDENSED MATTER PHYSICS, PHYSICAL CHEMISTRY, MATERIALS SCIENCE MULTIDISCIPLINARY, APPLIED PHYSICS, INORGANIC CHEMISTRY, NANOSCIENCE AND NANOTECHNOLOGY) ARTICLES

1. ***The electronic properties of graphene***

Castro Neto, AH; Guinea, F; Peres, NMR; Novoselov, KS; Geim, AK
Rev. Mod. Phys. 81, 109-162 (2009)

Times Cited: 10287 (ICMM most cited paper #1)

2. ***The SIESTA method for ab initio order-N materials simulation***

Soler, JM; Artacho, E; Gale, JD; Garcia, A; Junquera, J; Ordejon, P; Sanchez-Portal, D
J. Phys-Condens. Mat. 14, 112745-35 (2002)

Times Cited: 6255

3. ***From microporous to mesoporous molecular sieve materials and their use in catalysis***

Corma, A
Chem. Rev. 97, 2373-2419 (1997)

Times Cited: 4137

4. ***WSXM: A software for scanning probe microscopy and a tool for nanotechnology***

Horcas, I; Fernandez, R; Gomez-Rodriguez, JM; Colchero, J; Gomez-Herrero, J; Baro, AM
Rev. Sci. Instrum. 78, - (2007)

Times Cited: 3529 (ICMM most cited paper #2)

5. ***Synthesis of transportation fuels from biomass: Chemistry, catalysts, and engineering***

Huber, GW; Iborra, S; Corma, A
Chem. Rev. 106, 4044-4098 (2006)

Times Cited: 3335

6. ***Chemical routes for the transformation of biomass into chemicals***

Corma, A; Iborra, S; Velty, A
Chem. Rev. 107, 2411-2502 (2007)

Times Cited: 2502

7. ***Density-functional method for nonequilibrium electron transport***

Brandbyge, M; Mozos, JL; Ordejon, P; Taylor, J; Stokbro, K
Phys. Rev. B 65, 1600-17 (2002)

Times Cited: 2426

8. ***INORGANIC SOLID ACIDS AND THEIR USE IN ACID-CATALYZED HYDROCARBON REACTIONS***

CORMA, A
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Times Cited: 2133

9. ***Self-consistent order-N density-functional calculations for very large systems***

Ordejon, P; Artacho, E; Soler, JM
Phys. Rev. B 53, 160441-4 (1996)

Times Cited: 1763

10. ***Engineering Metal Organic Frameworks for Heterogeneous Catalysis***

Corma, A; Garcia, H; Xamena, FXLI
Chem. Rev. 110, 4606-4655 (2010)

Times Cited: 1738