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姓名: 齐卫宏 性别: 男
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详细介绍

齐卫宏，博士，中南大学“升华学者”特聘教授。中国微米纳米学会理事。主要从事纳米材料的结构与相变、计算材料学的研究。在 *Small*、*JPCC* 等刊物上发表学术论文 80 余篇，SCI 收录 50 余篇，EI 收录 50 余篇，SCI 他引 370 余次，H 因子为 13。入选教育部新世纪优秀人才支持计划、湖南省青年骨干教师、湖南省高校科技创新团队骨干成员、中南大学首批升华育英人才计划。曾获湖南省优秀博士论文奖、湖南省优秀自然科学论文一等奖、中南大学黄培云教育奖。主持国家自然科学基金、湖南省自然科学基金（重点）及中国博士后科学基金（特别资助）等科研项目。担任国际 SCI 刊物《*Journal of Nanomaterials*》客座主编（Lead Guest Editor）、国际刊物《*World Journal of Nano Science and Engineering*》编委、国际刊物《*Open Journal of Microphysics*》编委，被邀请为 *JACS*、*JPCC*、*PCCP* 等 19 种 SCI 刊物审稿人。

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本人招收纳米材料和计算材料方向的研究生！

部分发表的论文（* 通讯作者，IF 为 SCI 影响因子）：

1. **W. H. Qi**, Y. J. Li, S. Y. Xiong, S. T. Lee, Modeling Size and Shape Effects on the Order-Disorder Phase-Transition Temperature of CoPt Nanoparticles, *Small* 6(2010) 1996–1999 (**IF=7.333**)
2. **W. H. Qi**, S. T. Lee, Phase stability, Melting and Alloy formation of Au-Ag Bimetallic Nanoparticles, *Journal of Physical Chemistry C* 114(2010) 9580–9587 (**IF=4.520**)
3. S. Y. Xiong, **W. H. Qi***, B. Y. Huang, M. P. Wang, L. Y. Wei, Gibbs Free Energy and Size-Temperature Phase Diagram of Hafnium Nanoparticles *Journal of Physical Chemistry C*, 115(2011)10365 (**IF=4.520**)

4. **W. H. Qi***, M. P. Wang, Comment on "Stability of Scanning Tunneling Microscopy Tip-Induced Bimetallic Nanoclusters",
Journal of Physical Chemistry B, 109 (2005) 22078-22079 (**IF=3.603**)
5. S. Y. Xiong, **W. H. Qi***, Y. J. Cheng, B. Y. Huang, M. P. Wang. Y. J. Li, Modeling size effect on surface free energy of metallic nanoparticles and nanocavities
Physical Chemistry Chemical Physics, 13(2011)10648-10651 (**IF=3.453**)
6. S. Y. Xiong, **W. H. Qi***, Y. J. Cheng, B. Y. Huang, M. P. Wang. Y. J. Li, Universal relation for size dependent thermodynamic properties of metallic nanoparticle
Physical Chemistry Chemical Physics, 13(2011)10652-10660 (**IF=3.453**)
7. S. Y. Xiong, **W. H. Qi***, B. Y. Huang, M. P. Wang, Size, Shape and Composition Dependent Alloying Ability of Bimetallic Nanoparticles
ChemPhysChem, 12 (2011) 1317-1324 (**IF=3.339**)
8. **W. H. Qi***, B. Y. Huang, M. P. Wang et al. Molecular dynamic simulation of the size and shape dependent lattice parameter of small Platinum nanoparticles,
Journal of Nanoparticle Research, 11(2009) 575–580 (**IF=3.250**)
9. **W. H. Qi***, M. P. Wang, Size and shape dependent lattice parameters of metallic nanoparticles,
Journal of Nanoparticle Research, 7 (2005) 51–57 (**IF=3.250**)
10. S. Y. Xiong, **W. H. Qi***, B. Y. Huang, M. P. Wang. Y. J. Li, Z. Li and S. Q. Liang, Size and temperature induced phase transformations of titanium nanoparticles
EPL, 93(2011) 66002 (**IF=2.753**)
11. **W. H. Qi***, B. Y. Huang, M. P. Wang. Structure of unsupported small Palladium nanoparticles,
Nanoscale Research Letters 4(2009) 269–273 (**IF=2.557**)
12. **W. H. Qi***, M. P. Wang, Size and shape dependent melting temperature of metallic nanoparticles,
Materials Chemistry and Physics 88 (2004) 280-284 (**IF=2.353**)
13. S. Y. Xiong, **W. H. Qi***, B. Y. Huang, M. P. Wang, Y. J. Li, Size and Shape Dependent Gibbs Free Energy and Phase Stability of Titanium and Zirconium Nanoparticles.
Materials Chemistry and Physics 120 (2010) 446–451 (**IF=2.353**)
14. D. Xie, M. P. Wang, **W. H. Qi** and L. F. Cao. Thermal stability of indium nanocrystals: A theoretical study ,
Materials Chemistry and Physics. 96 (2006) 418–421 (**IF=2.353**)
15. D. Xie, M. P. Wang, **W. H. Qi**, A simplified model to calculate the surface-to-volume atomic ratio dependent cohesive energy of nanocrystals.
Journal of Physics: Condensed Matter 16 (2004) L401–L405. (**IF=2.332**)
16. **W. H. Qi**, S. T. Lee, Core-shell Structures of Silicon nanoparticles and nanowires with free and hydrogenated surface,
Chemical Physics Letters 483 (2009) 247–249 (**IF=2.280**)

17. **W. H. Qi***, M. P. Wang, G. Y. Xu, The partical size dependence of cohesive energy of metallic nanoparticles.
Chemical Physics Letters 372 (2003) 632-634. (IF=2.280)
18. **W. H. Qi***, Comment on "The cluster size dependence of thermal stabilities of both molybdenum and tungsten nanoclusters "
Chemical Physics Letters 402 (2005) 279-281. (IF=2.280)
19. **W. H. Qi***, M. P. Wang, Structural evolution of Pd-79 cluster before melting,
Materials Letters 61 (2007) 3064–3067 (IF=2.117)
20. **W. H. Qi***, Modeling the Relaxed Cohesive Energy of Metallic Nanoclusters,
Materials Letters, 60 (2006) 1678-1681 (IF=2.117)
21. **W. H. Qi***, M. P. Wang, Size and shape dependent superheating of nanoparticles embedded in a matrix,
Materials Letters 59 (2005) 2262– 2266. (IF=2.117)
22. **W. H. Qi***, M. P. Wang, W. Y. Hu, Calculate the cohesive energy of the metallic nanoparticles by Lennard-Jones potential,
Materials Letters, 58 (2004) 1745-1749 (IF=2.117)
23. **W. H. Qi***, M. P. Wang, M. Zhou, W. Y. Hu. Surface-Area-Difference model for thermodynamic properties of metallic nanocrystals,
Journal of Physics D: Applied Physics 38 (2005) 1429-1436 (IF=2.105)
24. Y. J. Li, **W. H. Qi***, B. Y. Huang, M. P. Wang, J. F. Liu, S. Y. Xiong. Generalized Bragg-Williams model for the size dependent order-disorder transition of bimetallic nanoparticles
Journal of Physics D: Applied Physics, 44 (2011) 115405 (IF=2.105)

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