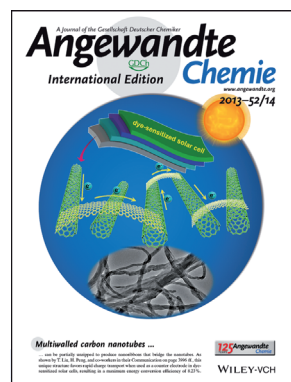


H. Peng

The author presented on this page has published more than **10 articles** in *Angewandte Chemie* in the last 10 years, most recently: "Photovoltaic Wire with High Efficiency Attached onto and Detached from a Substrate Using a Magnetic Field": H. Sun, Z. Yang, X. Chen, L. Qiu, X. You, P. Chen, H. Peng, *Angew. Chem.* **2013**, 125, 8434–8438; *Angew. Chem. Int. Ed.* **2013**, 52, 8276–8280.



The work of H. Peng has been featured on the inside back cover of *Angewandte Chemie*: "Carbon Nanotubes Bridged with Graphene Nanoribbons and Their Use in High-Efficiency Dye-Sensitized Solar Cells": Z. Yang, M. Liu, C. Zhang, W. W. Tjiu, T. Liu, H. Peng, *Angew. Chem.* **2013**, 125, 4088–4091; *Angew. Chem. Int. Ed.* **2013**, 52, 3996–3999.

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Position:	Professor, Fudan University
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Education:	1995–1999 BEng, Donghua University, Shanghai 2000–2003 MSc, Fudan University, Shanghai 2003–2006 PhD, Tulane University, New Orleans
Awards:	2010 Li Foundation Heritage Prize; Young Scientist Award, Chinese Chemical Society; 2012 Distinguished Young Scholar, National Natural Science Foundation of China; Outstanding Young Scholar, Organization Department of the CPC Central Committee; 2013 DuPont Young Professor Award
Research:	Carbon nanotubes, polymers, composites, solar cells, energy storage
Hobbies:	Badminton, volleyball, hiking, skiing, reading

My favorite food is ... huǒ guō (hotpot).

The most exciting thing about my research is ... to make it after hundreds of failures.

My biggest motivation is ... to find something new and interesting.

I celebrate success by ... keeping working.

When I'm frustrated, I ... read my favorite books such as *Zhuangzi* and *The Three Kingdoms*.

I like refereeing because ... I can learn about the new developments in chemistry.

What I look for first in a publication is ... the table of contents figure.

If I won the lottery, I would ... establish a research fund to help young students make scientific discoveries.

The most important thing I learned from my parents is ... to be honest.

My favorite place on earth is ... my hometown.

My best investment was ... bidding for a license plate for my car in Shanghai in 2009.

If I were not a scientist, I would be ... a novelist.

My most exciting discovery to date has been ... the wire-shaped solar-cell and energy-storage device.

My 5 top papers:

1. "Aligned Carbon Nanotube/Polymer Composite Films with Robust Flexibility, High Transparency, and Excellent Conductivity": H. Peng, *J. Am. Chem. Soc.* **2008**, 130, 42–43. (A novel and general synthesis of aligned carbon nanotube/polymer composite films with high optical transparency.)
2. "Electrochromatic carbon nanotube/polydiacetylene nanocomposite fibres": H. Peng, X. Sun, F. Cai, X. Chen, Y. Zhu, G. Liao, D. Chen, Q. Li, Y. Lu, Y. Zhu, Q. Jia, *Nature Nanotechnol.* **2009**, 4, 738–741. (Aligned nanocomposite fibers showed a rapidly and reversible color change in response to electric current.)
3. "Unusual Reversible Photomechanical Actuation in Polymer/Nanotube Composites": X. Sun, W. Wang, L. Qiu, W. Guo, Y. Yu, H. Peng, *Angew. Chem.* **2012**, 124, 8648–8652; *Angew. Chem. Int. Ed.* **2012**, 51, 8520–8524. (An azobenzene-containing liquid crystalline polymer/carbon nanotube composite strip undergoes rapid and reversible deformation under UV irradiation.)
4. "An Integrated 'Energy Wire' for both Photoelectric Conversion and Storage": T. Chen, L. Qiu, Z. Yang, Z. Cai, J. Ren, H. Li, H. Lin, X. Sun, H. Peng, *Angew. Chem.* **2012**, 124, 12143–12146; *Angew. Chem. Int. Ed.* **2012**, 51, 11977–11980. (A wire-shaped device based on aligned carbon nanotube fibers wrapped around a TiO₂ nanowire.)
5. "Twisting Carbon Nanotube Fibers for Both Wire-Shaped Micro-Supercapacitor and Micro-Battery": J. Ren, L. Li, C. Chen, X. Chen, Z. Cai, L. Qiu, Y. Wang, H. Peng, *Adv. Mater.* **2013**, 25, 1155–1159. (These wires can be easily integrated into electronic textiles.)

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