

Hu Yan, Ph.D
Professor
College of Chemistry and Molecular Engineering
Zhengzhou University
100 Kexue Road, Zhengzhou 450001, China
Phone: +86-371-67739320
Fax: +86-371-67739320
E-mail: yanhu@zzu.edu.cn



Biography

Upon completion of his doctorate in chemistry at The University of Tokyo in 1995 Dr. Yan joined the R&D group at Ibaraki Research Laboratory, Hitachi Chemical Industry Co. Ltd. where he carried out research works to develop sophisticated electronic components by utilizing functional polymers. After his research works on conductive polymers at Tokyo University of Science, Yamaguchi for 6 years, and on polymer gels and super water-repellent materials at Hokkaido University for 3 years, Dr. Yan joined the Laboratory of Organic Robotics at the University of Yamanashi in 2007 where he is an Associate Professor. Before his above career in Japan, Dr. Yan had been educated in China, i.e., in Jilin University (1978-1982) for Bachelor of Science on polymer chemistry and in Henan Institute of Chemistry (1984-1987) for Master of Science on inorganic chemistry. Dr. Yan who is a full professor of Zhengzhou University since 2011, has published 8 books, 59 original papers, and 31 patents. Currently, Dr. Yan is also an Editorial Board Member, *Journal of Bioequivalence & Bioavailability* (OMICS Publishing Group, USA), and an Editorial Advisory Board Member, *Recent Patents on Materials Science* (Bentham Science Publishers, Ltd., USA).

Selected original papers

- 1) **Hu Yan,*** Kazutomo Kurogi, Hiroyuki Mayama, and Kaoru Tsujii,* “Environmentally Stable Super Water-Repellent Poly(alkylpyrrole) Films”, *Angew. Chem. Int. Ed.* **2005**, *44*, 3453-3456.
- 2) **Hu Yan,*** Hideki Fujiwara, Keiji Sasaki, and Kaoru Tsujii,* “Rapid Swelling/Collapsing Behaviors of Thermo-responsive Poly(N-isopropylacrylamide) Gel Containing Poly(2-methacryloyloxy)decylphosphate Surfactant”, *Angew. Chem. Int. Ed.* **2005**, *44*, 1951-1954.
- 3) **Hu Yan,*** Masayuki Nishino, Yasuyuki Tsuboi, Noboru Kitamura, and Kaoru Tsujii,* “Template-Guided Synthesis and Individual Characterization of Poly(N-isopropylacrylamide)-Based Microgels”, *Langmuir* **2005**, *21*, 7076-7079.
- 4) **Hu Yan,*** Makoto Inokuchi, Minoru Kinoshita, Naoki Toshima,* “Spontaneously Formed Polypyrrole Microtubes: Incandescence and Graphitization”, *Synth. Met.* **2005**, *148*, 93-98.
- 5) **Hu Yan,*** Tsubasa Kagata, Hidenori Okuzaki,* “Ambipolar pentacene/C₆₀-based field-effect transistors with high hole and electron mobilities in ambient atmosphere”, *Appl. Phys. Lett.* **2009**, *94* (2), 023305.
- 6) **Hu Yan,*** Toshihiko Jo, Hidenori Okuzaki,* “Highly Conductive and Transparent Poly(3,4-ethylenedioxythiophene) /poly(4-styrenesulfonate) Thin Films”, *Polym. J.* **2009**, *41* (12), 1028-1029.
- 7) **Hu Yan,*** Toshihiko Jo, Hidenori Okuzaki, “Low-voltage pentacene field-effect transistors fabricated on high-dielectric-constant strontium titanate insulator”, *Jpn. J. Appl. Phys.* **2010**, *49* (3), 030203.