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#### **Biography**

Dr. Harvey Jian-Min Hou received his BSc degree (1984) in Physical Chemistry from Wuhan University and PhD degree (1993) in Analytical Chemistry from Peking University. In China, he was promoted to the Full Principle Investigator (1998) at Institute of Botany, Chinese Academy of Sciences. After entering the United States, Dr. Hou joined the Faculty (2002) in the Department of Chemistry at Gonzaga University. After four years, he became an Assistant Professor of Chemistry and Biochemistry at University of Massachusetts at Dartmouth.



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 Currently Dr. Hou is an Associate Professor of Forensic Science at Alabama State University. In addition, he was an Adjunct Faculty (2003-2010) at the Rockefeller University, an Visiting Professor (2008-2011) at Boston College, a Research Affiliate (2009-2011) at Massachusetts Institute of Technology and an Adjunct Associate Professor (2011) at University of Massachusetts at Dartmouth.



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Harvey Jian-Min Hou research interest include Forensic Science, Biochemistry, Photosynthesis, Solar Energy Catalysis, Nanotechnology, G Protein-coupled Receptors and Cranberry Plant Biology.

#### **Publications**

Photosynthesis: Natural Nanomachines toward Oxygen and Food ProductionBenjamin T. Kopp, Lisa Mohammad Mahdi Najafpour · Harvey Hou · Gary F. Moore · Suleyman I. Allakhverdiev ·

Photosynthesis: Structures, Mechanisms, and Applications. Mohammad Mahdi Najafpour · Harvey Hou · Gary F. Moore · Suleyman I. Allakhverdiev ·



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## **Book: Current challenges in photosynthesis**

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#### Unidirectional photodamage of pheophytin in photosynthesis Harvey J M Hou ·

Chemistry of Biomimetic Mixed Valence Oxomanganese-Based Materials Mimicking Photosynthetic Water Splitting

Wanshu He · Harvey J.M. Hou ·

#### Response of chlorophyll d-containing cyanobacterium Acaryochloris marina to UV and visible irradiations

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## **Book: Teaching Bioanalytical Chemistry** Harvey J.M. Hou

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