

## BIOGRAPHY OF PROF. SHAOBIN WANG



Position: Professor at Department of Chemical Engineering, Curtin University, Australia

Address: Department of Chemical Engineering, Curtin University, GPO Box U1987, Perth WA 6845

Education: BSc and MSc from Peking University, China  
PhD in Chemical Engineering from University of Queensland, Australia

### MAIN RESEARCH FIELD

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Nanomaterial Synthesis and Application for Adsorption and Catalysis, Fuel and Energy Conversion and Environmental Remediation.

### AWARDS

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- Awarded 2012 Thomson Reuters Citation & Innovation Awards in Australia.
- Highly Cited Researcher In the divisions of Chemical/Environmental Engineering for 2015, 2016, and 2017

### HIGHLIGHTED PUBLICATIONS

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He has published 375 journal papers with citation 16,706 and H-index of 71 (Source: Scopus).

Journals:

- Applied Catalysis B: Environmental, 225, 76-83 (2018)
- Applied Catalysis B: Environmental, 224, 973-982 (2018)
- Chemosphere, 196, 105-114 (2018)
- Applied Surface Science, 435, 494-502 (2018)
- Journal of Colloid and Interface Science, 514, 576-583 (2018)
- Chemical Engineering Journal, 332, 398-408 (2018)
- Applied Catalysis A: General, 549, 289-301 (2018)
- Fuel, 211, 405-414 (2018)
- Sensors and Actuators B: Chemical, 255, Part 1, 133-139 (2018)

Book/Chapter in Book:

- Hongqi Sun, Shaobin Wang, Catalytic oxidation of organic pollutants in aqueous solution using sulfate radicals, RSC Catalysis, Vol. 27, 209-248, 2015
- Hongqi Sun, Shaobin Wang, Adsorption and catalysis of graphene in environmental remediation, Handbook of Graphene Science: Size-Dependent Properties, CRC Press/Taylor & Francis, ISBN 978-1-46659-135-6, 2016.

Patents:

- Apparatus and method for tracking contour of moving object, and apparatus and method for analyzing myocardial motion, US20130182935A1 (2015)
- Image registration device and method, image segmentation device and method and medical image apparatus, US20140153797A1 (2015)
- Method, apparatus and system for making a decision about virtual machine migration , US20110099548A1 (2013)