

# **COMPLETE RESEARCH**

## **PUBLICATION LIST OF WANG, PAO K.**

### **王寶貫完整研究著作目錄**

#### **BOOKS**

1. Wang, Pao K., 2002: *Ice Microdynamics*. Academic Press, 273pp.
2. Wang, Pao K., 2013: *Physics and Dynamics of Clouds and Precipitation*. Cambridge University Press, 467pp.
3. Wang, Pao K., 2021: *Motions of Ice Hydrometeors in the Atmosphere Numerical Studies and Implications*. Springer Nature, 176 pp. (ISBN 978-981-334-431-0)

#### **BOOKS IN CHINESE**

1. 王寶貫, 1996: 雲物理學, 國立編譯館主編,渤海堂印行, 382pp.
2. 王寶貫, 1996: 天與地, 牛頓出版社, 349pp.
3. 王寶貫, 2001: 洞察, 天下文化出版社, 314pp.
4. 王寶貫, 2004: 微塵大千, 經典出版社, 216pp.
5. 《危機年代：臺灣環境調查報告》(王寶貫等著，經典雜誌出版), 2007。
6. 王寶貫, 2023: 航空氣象學, 成大出版社, 320pp.

#### **BOOK CHAPTERS**

1. Wang, Pao K., 1985: Air Pollutant Measurements. Chap. 22 in *Handbook of Applied Meteorology*, Houghton, D. D., ed., Wiley Interscience, 667-678.
2. Wang, Pao K. and Zhang, De'er, 1991: Reconstruction of the 18th Century Precipitation of Nanjing, Suzhou, and Hangzhou using the Clear and Rain Records. in Climate Since 1500 AD, Bradley R. S. and Jones, P. D., Eds., Routledge, London, 184-209.
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9. Wang, Pao K., Lin, Hsinmu, Liu, Hui-Chun, Mihai, Chiruta and Schlesinger, Robert E. 2009: Recent Advances in Research on Micro- to Storm-scale Ice Microphysical Processes in Clouds. In *Recent Progress in Atmospheric Sciences*, Liou, K. N. and Chou, M. D., Ed., 419-437.

#### **PAPERS PUBLISHED IN REFEREED JOURNALS**

1. Wang, Pao K. and Pruppacher, H. R., 1977a: Acceleration to Terminal Velocity of Cloud and Rain Drops. *J. Appl. Meteor.*, 16, 275-280.
2. Wang, Pao K. and Pruppacher, H. R., 1977b: An Experimental Determination of the Efficiency with which Aerosol Particles Are Collected by Water Drops in Subsaturated Air. *J. Atmos. Sci.*, 34, 1664-1669.
3. Wang, Pao K., Grover S. N. and Pruppacher, H. R., 1978: On the Effect of Electric Charges on the Scavenging of Aerosol Particles by Cloud and Small Rain Drops. *J. Atmos. Sci.*, 35, 1735-1743.
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