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- 1972 年 6 月：國立中央大學物理系 學士
- 1976 年 6 月：國立中央大學地球物理研究所 碩士
- 1982 年 1 月：美國紐約州立大學 (賓漢頓分校)地質科學博士

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- 2019/08~迄今：中央研究院地球科學研究所 兼任研究員
- 2010/8~2019/07：中央研究院地球科學研究所 特聘研究員
- 1988-2010/7：中央研究院地球科學研究所 研究員
- 1992-2002：國立中央大學地球物理研究所 兼任教授
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- 1990-1992：美國加州大學洛杉磯分校 訪問學者
- 1989-1990：國立中央大學地球物理研究所 合聘教授
- 1982-1988：國立中央大學地球物理研究所 兼任副教授
- 1982-1990：國立台灣大學地質所及海洋所 兼任副教授
- 1985：日本東京大學地震研究所 訪問研究員
- 1982-1988：中央研究院地球科學研究所 副研究員
- 1981-1982：美國西方地球物理探勘公司 物探師
- 1976-1977：私立聯合工專電機科 講師

〔學術服務〕

- 2012：國立中央大學地球科學院評鑑委員．
- 2012：中華民國地球物理學會年會主題講員
- 2011：中央氣象局「建國百年天氣分析預報與地震測報研討會」主題講員
- 2011：亞洲及大洋洲地球科學會第八次年會邀請講員
- 2011：亞洲及大洋洲地球科學會第八次年會議程主持人
- 2010：教育部「國家講座主持人」審查委員
- 2010：行政院災害防救委員會「強化災害防救科技研發與落實運作方案」99 年度期中訪視委員
- 2010：中華民國地球物理學與中華民國地質學會會「99 年年會暨學術研討會」議程主持人
- 2010：2010WPGM 議程主持人
- 2010：國立台灣大學海洋所評鑑委員
- 2009~迄今：中華民國地質學會會刊編輯委員
- 2009：中華民國地球物理學會「集集大地震十週年紀念國際研討會」邀請演講
- 2009：臺灣災害管理學會「921 地震十週年紀念國際學術論壇暨研討會」邀請講員

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- 2008：考試院典試委員
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- 2005-2007：中央研究院「SAFE-Taipei」主題計劃總主持人
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- 2005：國家理論科學中心「統計物理及複雜系統研習會」邀請講員
- 2005：中華民國地球科學學會年會主題講員
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- 2002：國科會「防災國家型科技計劃」審議委員
- 2002：交通部中央氣象局技術顧問
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- 2001-2002：「2002 年台灣-日本地震科學研討會」籌備委員
- 2001-2002：國科會永續發展研究推動委員會「防災國家型科技計劃」研究計劃審議委員
- 2001：國科會與災防會「災害防救科技中心」籌備規劃委員會委員
- 2001：「2001 年地球科學聯合學術研討會」諮議委員
- 2001：「第一屆國際水文科學研討會」諮議委員
- 2001：「第四屆海峽兩岸地震科技研討會」籌備委員
- 2001：經濟部水資源局研究計劃審議委員會委員
- 2000-2002：國科會自然處地球科學推動中心委員
- 2000-2002：國科會自然處地球物理學門審議小組召集人
- 2000：國科會國際合作處地球科學學門諮議委員
- 1999-2005：國科會「地震及活斷層研究」跨部會重大科技計劃總主持人
- 1999：國科會自然處地球物理學門審議小組委員
- 1995：東亞數理地震學第二屆聯合研討會籌備會委員
- 1993：中華民國地質學會 1993 年年會會程委員
- 1993：中華民國地球物理學會獎章委員會委員
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- 1989：中華民國地質學會會刊特刊編輯
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- 1986-1989：國科會自然處「地震波傳遞與強地動研究計劃」規劃委員會召集人
- 1984-1985：「台中-新竹大地震五十週年紀念研討會」籌備會委員及會刊執行編輯
- 1983-1990：中央研究院地球科學研究所「台灣遙測式地震觀測網」工作小組主持人
- 1983-1986：中央研究院地球科學研究所所刊副編輯

〔榮　譽〕

- 1985：日本松前國際基金會(Matsumae International Fundation)研究會士 (Research Fellow)
- 1987：國科會優等研究獎
- 1988：中華民國地質學會第一屆馬廷英青年論文獎章
- 1989：國科會優等研究獎
- 1993：國科會優等研究獎
- 1994：國科會傑出研究獎
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- 2005：中華民國地球科學學會年會主題演講
- 2005：亞洲及大洋洲地球科學會「大眾講座」專題演講
- 2007：Marquis Who's Who in Asia 2007
- 2008：地球科學集刊 2005–2006 最佳論文獎章
- 2008：地球科學集刊囲顧論文邀請作者
- 2010：地球科學集刊 2007–2008 優良論文審查委員
- 2010：中央研究院地球科學研究所特聘研究員

〔學　會〕

- 中華民國地球物理學會
- 中華民國地質科學學會
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- 亞洲及大洋洲地球科學學會 (Asian and Oceania Geosciences Society)
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- 美國地震學會 (Seismological Society of America)

〔著　作〕

學位論文(Theses)

1. **Wang, J.H.** (1976). Statistical studies of large earthquakes in the Taiwan region (in Chinese), M.S. Thesis, National Central University, Chung-Li, Taiwan, ROC, 21pp.
2. **Wang, J.H.** (1982). The propagation of Rayleigh waves in laterally heterogeneous media, Ph.D. Dissertation, State University of New York, Binghamton, New York, USA, 221pp.

有審論文(Refereed Papers)

1. **Wang, J.H.** (1982). Ellipticity of Rayleigh waves recorded at Albuquerque, New Mexico, Bull. Inst. Earth Sci., Acad. Sin., ROC, 2, 49-60.
2. **Wang, J.H.** (1983). Double exponential frequency-magnitude relation of earthquakes occurred in Taiwan region, Bull. Inst. Earth Sci., Acad. Sin., 3, 27-36.
3. **Wang, J.H.** , Y.B. Tsai and K.C. Chen (1983). Some aspects of seismicity in Taiwan region, Bull. Inst. Earth Sci., Acad. Sin., ROC, 3, 87-104.
4. Tsai, Y.B., T. L. Teng, Y.H. Yeh, S.B. Yu, K.K. Liu and **J.H. Wang** (1983). Status of earthquake prediction research in Taiwan, ROC, Bull. Inst. Earth Sci., Acad. Sin., ROC, 3, 1-26.

5. **Wang, J.H.** (1984). An interpretation to the first-motion solutions of micro-earthquakes in southern I-Lan, Taiwan, Bull. Geophys., Natl. Central Univ., 26, 85-106.
6. **Wang, J.H.** and B.H. Chin (1984). Some aspects of micro-seismicity in the middle part of the Taitung Longitudinal Valley and its vicinity, Bull. Geophys., NCU, 25, 1-11.
7. **Wang, J.H.** and B.H. Chin (1984). Note on Poisson ratios of subsurface rocks in the middle part of the Taitung Longitudinal Valley, Taiwan, Petrol. Geol. Taiwan, 20, 173-180.
8. Chen, K.C. and **J.H. Wang** (1984). On the studies of the May 10, 1983 Taipingshan, Taiwan earthquake sequence, Bull. Inst. Earth Sci., Acad. Sin., ROC, 4, 1-27.
9. **Wang, J.H.** (1985). Seismic moments and magnitudes of 16 moderate Taiwan earthquakes, Proc. Geol. Soc. China, 28, 177-185.
10. **Wang, J.H.** , Y.B. Tsai and K.C. Chen (1986). Microfilming of seismograms from the Taiwan Telemetered Seismographic Network, Bull. Inst. Earth Sci., Acad. Sin., ROC, 6, 227-234.
11. Chen, K.C. and **J.H. Wang** (1986). The May 20, 1986 Haulien, Taiwan, earthquake and its aftershocks, Bull. Inst. Earth Sci., Acad. Sin., ROC, 6, 1-13.
12. **Wang, J.H.** and S.T. Chiang (1987). Mo-mb and Mo-Ms relationships for Taiwan earthquakes, Proc. Geol. Soc. China, 30, 118-124.
13. **Wang, J.H.** (1988). b values of shallow earthquakes in Taiwan, Bull. Seism. Soc. Am., 78, 1243-1254.
14. **Wang, J.H.** (1988). Temporal change of duration ratios for foreshocks and aftershocks of a moderate Taiwan earthquake, Proc. Geol. Soc. China, 31,99-110.
15. Chen, K.C. and **J.H. Wang** (1988). A study on aftershocks and focal mechanisms of two 1986 earthquakes in Hualien, Taiwan, Proc. Geol. Soc. China, 31, 12, 65-72.
16. **Wang, J.H.** (1989). The Taiwan Telemetered Seismographic Network, Phys. Earth Planet. Inter., 58, 9-18.
17. **Wang, J.H.** (1989). Aspects of seismicity in the southernmost part of the Okinawa trough, Proc. Geol. Soc. China, 32, 79-99.
18. **Wang, J.H.** and F.T. Wu (1989). Numerical particle motions of Rayleigh waves in laterally inhomogeneous media, J. Phys. Earth, 37, 325-343.
19. **Wang, J.H.** , C.C. Liu, and Y.B. Tsai (1989). Local magnitude determined from a simulated Wood-Anderson seismograph, Tectonophys., 166, 15-26.
20. **Wang, J.H.** , T.L. Teng and K.F. Ma (1989). Temporal variation of coda Q during Hualien earthquake of 1986 in eastern Taiwan, Pure Appl. Geophys., 130, 617-634.
21. Chen, K.C., T.C. Shin and **J.H. Wang** (1989). Estimates of coda Q in Taiwan, Proc. Geol. Soc. China, 32, 4, 339-353.
22. Wu, F.T., K.C. Chen, **J.H. Wang** , R. McCaffrey and D. Salzberg (1989). Focal mechanisms of recent large earthquakes and the nature of faulting in the Longitudinal Valley of eastern Taiwan, Proc. Geol. Soc. China, 32, 157-177.
23. Yeh, Y.T., C. C. Liu and **J.H. Wang** (1989). Seismic networks in Taiwan, Proc. Natl. Sci. Coun., ROC, 13, 23-31.
24. **Wang, J.H.** and K.S. Liu (1990). Azimuthal variation of coda Q in northern Taiwan, Geophys. Res. Lett.,17, 1315-1318.
25. **Wang, J.H.** and S. Miyamura (1990). Comparison of several instrumentally determined magnitude scales for Taiwan earthquakes (1900-1978), Proc. Geol. Soc. China, 33, 89-109.
26. **Wang, J.H.** , S. Miyamura and Y.L. Yeh (1990). Kawasumi's intensity magnitude for Taiwan earthquakes, Proc. Natl. Sci.. Coun., ROC, 14, 203-210.
27. **Wang, J.H.** , C.H. Hsieh, C.W. Chan and P.H. Lee (1990). Seismicity in the Juisui area of eastern Taiwan (in Chinese), Meteorol. Bull., CWB, 36, 197-208.
28. Chan, C.W. and **J.H. Wang** (1990). The error range and P-wave residual to the relocation of earthquakes in the Juisui area during January 1969 to May 1972 by HYPO71 program (in Chinese), Meteorol. Bull., CWB, 36,305-314.
29. Chen, K.C., **J.H. Wang** and Y.L. Yeh (1990). Premonitory phenomena of a moderate Taiwan earthquake, TAO, 1, 1-21.
30. Yeh, Y.L., **J.H. Wang** and K.C. Chen (1990). Temporal-spatial source function of the May 20, 1986 Hualien, Taiwan earthquake, Proc. Geol. Soc. China, 33, 109-126.

31. **Wang, J.H.** (1991). A note on the correlation between b-value and fractal dimension from synthetic seismicity, TAO, 2, 317-329.
32. **Wang, J.H.** (1992). Magnitude scales and their relations for Taiwan earthquakes: A review, TAO, 3, 449-468.
33. Chou, L.P. and **J.H. Wang** (1992). A Study on source rupture of the 1978 Lan-Hsu, southeastern Taiwan earthquake, TAO, 3, 1-20.
34. **Wang, J.H.** (1993). Q values of Taiwan: A review, J. Geol. Soc. China, 36, 15- 24.
35. **Wang, J.H.** (1993). The source rupture duration time of earthquakes synthesized from a one-dimensional dynamic lattice model, J. Phys. Earth, 41, 391-404.
36. **Wang, J.H.** and W.H. Lin (1993). A fractal analysis of earthquakes in west Taiwan, TAO, 4, 457-462.
37. Wang, C.T. and **J.H. Wang** (1993). Aspects of large Taiwan earthquakes and their aftershocks, TAO, 4, 257-271.
38. **Wang, J.H.** (1994). Scaling of synthetic seismicity from a one-dimensional dissipative, dynamic lattice model, Phys. Lett. A, 191, 398-402.
39. **Wang, J.H.** (1994). On the correlation of observed Gutenberg-Richter's b value and the Omori's p value for aftershocks, Bull. Seism. Soc. Am., 84, 2008-2011.
40. **Wang, J.H.** (1994). Synthetic seismicity from the one-dimensional dynamic lattice model, Math. Seism. (VIII), Natl. Inst. Stat. Math., Tokyo, Japan, 107-114.
41. **Wang, J.H.** , K.C. Chen and T.Q. Lee (1994). Depth distribution of shallow earthquakes in Taiwan, J. Geol. Soc. China, 37, 125-142.
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43. **Wang, J.H.** (1995). A study of the rupture length vs. moment for synthetic earthquakes, Pure Appl. Geophys., 144, 211-228.
44. **Wang, J.H.** (1995). Fractal characterization of seismic networks in Taiwan, TAO, 6, 363-366.
45. **Wang, J.H.** and C.W. Lee (1995). Fractal characterization of an earthquake sequence, Physica A, 221, 152-158.
46. **Wang, J.H.** and H.C. Kuo (1995). A catalogue of Taiwan earthquakes (1900-1994), J. Geol. Soc. China, 38, 95-106.
47. **Wang, J.H.** , M. Matsuzaki and J. Koyama (1995). Dynamical modeling of earthquake occurrences, in Advance in Mathematical Seismology (eds. J. Koyama and D. Feng), Seismological Press, Beijing, 148-164.
48. **Wang, J.H.** , (1996). Velocity-weakening friction law as a factor in controlling the frequency-magnitude relation of earthquakes, Bull. Seism. Soc. Am., 86, 701-713.
49. **Wang, J.H.** (1996). Multifractal measures of time series of Ms³7 earthquakes in west Taiwan, J. Geol. Soc. China, 39, 117-123.
50. **Wang, J.H.** and C.W. Lee (1996). Multifractal measures of earthquakes in west Taiwan, Pure Appl. Geophys., 146, 131-145.
51. Ma K.F., **J.H. Wang** , and D. Zhao (1996). Three-dimensional seismic velocity structure of the crustal and uppermost mantle beneath Taiwan, J. Phys. Earth, 44, 85-105.
52. **Wang, J.H.** (1997). Effect of frictional healing on the scaling of seismicity, Geophys. Res. Lett., 24, 2527-2530.
53. **Wang, J.H.** (1997). On the frequency distribution of rupture length of earthquakes synthesized from a one-dimensional dynamical lattice model, J. Phys. Earth, 45, 363-381.
54. **Wang, J.H.** and C.W. Lee (1997). Multifractal measures of time series of earthquakes, J. Phys. Earth, 45, 331-345.
55. **Wang, J.H.** (1998). Studies of earthquake seismology in Taiwan during the 1897-1996 period, J. Geol. Soc. China, 41, 291-336.
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57. **Wang, J.H.** and C.H. Kuo (1998). On the frequency distribution of inter-occurrence times of earthquakes, J. Seism., 2, 351-358.
58. **Wang, J.H.** (1999). Studies of the frequency-magnitude relation of earthquakes based on a one-dimensional dynamical lattice model Proc. Natl. Sci. Coun. ROC(A), 23(2), 169-180.

59. **Wang, J.H.** and H.Y. Shen (1999). Multifractal measures of epicentral distribution of M³6 earthquakes in the north-south seismic belt of Mainland China, J. Geol. Soc. China, 42, 631-637.
60. **Wang, J.H.** (2000). Instability of a two-dimensional dynamical spring-slider model of an earthquake fault, Geophys. J. Int., 143, 389-394.
61. Chen, Y.C. and **J.H. Wang** (2000). A numerical study of Love-wave propagation over a laterally non-uniform model, J. Geol. Soc. China, 43, 535-548.
62. Huang, B.S., K.C. Chen, W.G. Huang, **J.H. Wang** , T.M. Chang, R.D. Hwang, H.C. Chiu, and C.C. Tsai (2000). Characteristics of strong ground motion across a thrust fault tip from the September 20, 1999, Chi-Chi, Taiwan, earthquake, Geophys. Res. Lett., 27, 2729-2733.
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64. Chen, C.C. and **J.H. Wang** (2001). The relation of the Gruneisen parameter to the fractal dimension, Physica B, 299, 194-197.
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