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研究領域：同位素地球化學、海洋生物地球化學

〔學歷〕

- 廈門大學環境科學博士 (2008)
- 廈門大學海洋化學學士 (2001)

〔經歷〕

- 中央研究院地球科學所博士後研究 (2008/10-2011/1/20)
- 廈門大學近海海洋環境科學國家重點實驗室研究助理 (2008/1-2008/9)
- 訪問學者, University of South Carolina, Department of Geological Sciences (2007/6-2007/7)

〔學會會員〕

- Membership, American Geophysical Union
- Membership, American Society of Limnology and Oceanography

〔著作〕

期刊著作：

1. Pinghe Cai, Minhan Dai, Dongwei Lv, **Weifang Chen**, 2006, An improvement in the small-volume technique for determining thorium-234 in seawater, *Marine Chemistry*, 100, 282-288
2. Pinghe Cai, Minhan Dai, Dongwei Lv, **Weifang Chen**, How accurate are the ^{234}Th measurements in seawater based on MnO_2 -impregnated cartridge technique. 2006, *Geochemistry, Geophysics, Geosystems*, 7, Q03020, doi:10.1029/2005GC001104
3. Pinghe Cai, Minhan Dai, **Weifang Chen**, Tiantian Tang, Kuanbo Zhou, 2006. On the importance of the decay of ^{234}Th in determining size-fractionated $\text{C}/^{234}\text{Th}$ ratio on marine particles. *Geophysical Research Letters*, 33, L23602, doi:10.1029/2006GL027792, 2006
4. **Weifang Chen**, Pinghe Cai, Minhan Dai, Junfeng Wei, 2008. Thorium-234/Uranium-238 disequilibrium and particulate organic carbon export in the northern South China Sea. *Journal of Oceanography*, 64,417-428
5. Pinghe Cai, **Weifang Chen**, Minhan Dai, Zhenwen Wan, Dongxiao Wang, Qing Li, Tiantian Tang, Dongwei Lv, 2008. A high-resolution study of particle export in the southern South China Sea based on $^{234}\text{Th}/^{238}\text{U}$ disequilibrium. *Journal of Geophysical Research*, 113, C04019, doi:10.1029/2007JC004268.
6. **Weifang Chen**, Minhan Dai, Pinghe Cai, Zhenwen Wan, Tiantian Tang, Kuanbo Zhou, Qing Li, Dongwei Lv, Winter monsoon-enhanced particle export in the northern South China Sea as revealed by $^{234}\text{Th}/^{238}\text{U}$ disequilibria (in preparation for *Journal of Geophysical Research*)
7. Pinghe Cai, Minhan Dai, **Weifang Chen**, Kuanbo Zhou, 2008. $^{228}\text{Th}/^{228}\text{Ra}$ disequilibria: implications for size-spectra export of particulate organic carbon in the upper ocean. *Earth and Planetary Science Letters* (Submitted)