

學術論文(1992-)

1. C. M. Huang, F. S. Kuo, H. Y. Lue and C. H. Liu, (1992), "Numerical simulations of the saturated gravity wave spectra in the atmosphere", *J. Atmos. Terr. Phys.*, 54, #2, 129-142.
2. F. S. Kuo, H. Y. Lue, C. M. Huang, C. L. Lo, C. H. Liu, S. Fukao, and Y. Muraoka, (1992), "A study of velocity fluctuation spectra in the troposphere and lower stratosphere using MU-radar", *J. Atmos. Terr. Phys.*, 54, #1, 31-48.
3. S. I. Liu, C. Z. Tsay and F. S. Kuo, (1992), "A study of the VHF radar data via a random variance model" *J. Atmos. Terr. Phys.*, 54, #3/4, 401 -414.
4. Kuo, F. S., K. E. Lee, H. Y. Lue and C. H. Liu, (1993) Measurement of vertical phase and group velocities of atmospheric gravity waves by VHF radar, *J. Atmos. Terr. Phys.*, Vol.55,#9,1193-1201,1993.
5. S. Y. Chou and F. S. Kuo, Simulation of neutral wind field effect on equatorial spread F", *COSPAR COLLOQUIUM-VOL.7 "Low-Latituded Ionospheric Physics"*, F. S. Kuo ed., Pergamon Press, 1994.
6. Kuo, F. S., and H. Y. Lue, "Effect of the wave-shear interaction on the gravity wave activities in the lower and middle atmosphere in the lower and middle atmosphere" *Journal of Atmos. Terr. Phys.*, 56, 1147-1155, 1994.
7. S. Kuo, H. Y. Lue and C. H. Liu, 1992 Liu, S. Fukao, and Y. Muraoka, 1992 Liu, C. Z. Tsay and F. S. Kuo, 1992
8. S. Y. Chou and F. S. Kuo, A numerical study of the wind field effect on the growth and observability of Equatorial Spread F, *J. Geophys. Res.*, 101, 17, 137-17, 149, 1996.
9. Kuo, F. S, S. Y. Chou, and S. J. Shan, Comparison of topside-and bottomside-irregularities in equatorial F-region ionosphere, *J. Geophys. Res.*, 103, 2193-2199, 1998.
10. Kuo, F. S, H. Y. Lue, and C. L. Luo, Physical parameters of wave packet propagation contained in RTI plots, *J. Atmos. Solar Terr. Phys.*, 60, 455-460, 1998.
11. J. Y. Liu, C. C. Shiao, L. C. Tsai, C. H. Liu, F. S. Kuo, H. Y. Lue, and C. H. Huang, Vertical Phase and group velocities of internal gravity waves derived from ionograms during the solar eclipse of 24 October 1995, *J. Atmos. Solar-Terr. Phys.*, 60, 1679-1686, 1998.
12. Kuo, F. S, C. L. Luo, H. Y. Lue, and C. M. Huang, A study of secondary waves generated by wave-wave interaction in a wind field, *Chin. J. of Phys.*, 37, 240-257, 1999.
13. Kuo, F. S, Numerical simulation of wave propagation in crystallized dusty plasmas~(1)One dimensional model.

- Chinese J. of Phys., Vol.38,NO4,825-840,2000.
14. C.L. Fern., S.Y. Chou and F. S. Kuo, Simulations of spectral asymmetries of pure two-stream waves in the equatorial electrojet.
Chinese J. of Phys., Vol.39,NO2,pp141-162, 2001.
 15. Kuo, F. S., and S.Y. Chou, The origin of dual-slope spectrum from intermediate to transitional scale in equatorial spread F. Accepted for publication by Chinese J. of Phys., 2001.
 16. Kuo, F. S., J. Rottger, and H. Y. Lyu, Propagation of gravity wave packet in the lower atmosphere observed by SOUSY-Svalbard rada : Submitted to Annals Geophysics for publication, 2002.
 17. S. J. Shan, J. Y. Liu, F. S. Kuo, C.C. Liu, and H. F. Tsai, GPS phase fluctuations observed along the American sector during low irregularity activity months of 1997-2000, Earth Planets Space, Vol. 54, 141-152, 2002.