

# 55 Prof. Yun Wang



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## Education

B.A. Geophysics, Jilin University, Changchun, China, 1992

M.A. China University of Geosciences, Beijing, China, 1995

Ph.D. Solid geophysics, Institute of Geophysics, Wuhan, China, 1998

## Work Experience

Associate Professor, China University of Mining and Technology, Beijing, China, 1998-2000

Institute of geology and geophysics, Chinese academy of sciences, 2000-2009

Institute of geochemistry, Chinese academy of sciences 2009.12-present,

## Research Interests

Solid earth physics, theory of seismic anisotropy and multi-component seismic technology, geophysical exploration technology of metallic ore deposits

## Services & Awards

Board Member: 《Petroleum geology and engineering》, 《Applied Geophysics》

## Committee Responsibilities and Professional Activities

Member: Geological society of China, China coal society, coalfield geology professional committee, China petroleum institute, member of unconventional oil and gas and Sinopec, key laboratory of multiwave seismic academic committee

## Major Publications

Han, J.G., Wang, Y., Lu, J., 2014. Gaussian beam prestack depth migration in heterogeneous, transversely isotropic media. *Exploration Geophysics*

Han, J.G., Wang, Y., Lu, J. Gaussian beam prestack depth migration velocity analysis for PP- and PS-waves. *Applied Geophysics*, 2014, accepted

Han, J.G., Wang, Y., Lu, J., 2013. Multi-component Gaussian beam prestack depth migration. *Journal of Geophysics and Engineering*

Zhang, J.L., Wang, Y., Lu, J., 2013. A new algorithm for frequency-dependent shear-wave splitting parameters extraction and its application, *Journal of Geophysics and Engineering*

Lu, J., Wang, Y., 2012. P- and S-wave separation and amplitude recovery in affine coordinate system. *Journal of Geophysics and Engineering*

Lu, J., Wang, Y., 2010. Seismic wave propagating in Kelvin-TI media, *Applied Geophysics*

- Jun Lu, and Yun Wang, 2009, Attenuating simulation and Q compensation for PP- and PS-wave in viscoelastic media, Symposium on Geophysical & Geochemical Geosystems, Spain-China, First Circular, Abstract.
- Lu, J., Wang, Y., Shi, Y., 2006. Seismic wave propagating in Kelvin-TI media. The 12TH International Workshop on Seismic Anisotropy (Beijing, China), Expanded Abstracts
- Lu, J., Wang, Y., Yang, C.Y., 2010. Surface wave suppression in x-component records using instantaneous polarization filtering, Applied Geophysics
- Liu, Y., Wang, X.B., Wang, Y. Numerical modeling of the 2D time-domain transient electromagnetic secondary field of the line source of the current excitation. Applied Geophysics
- Wang, W., Wang, Y., Yin, J.J., et al., 2012. Error analysis of the converted wave deduced by equivalent velocity assumption, Exploration Geophysics
- Wu, Z.P, Wang, S.X, Zhang, S.H., et al. Application of amplitude ratio profiles extracted with pre-stack Kirchhoff integral migration. PETROLEUM SCIENCE
- Wang, Y., Lu, J., Shi, Y., et.al., 2009. PS-wave Q estimation based on the P-wave Q values, J. Geophys. Eng.
- Shi, Y., Wang, Y., Lu, J., 2006. Analysis of seismic azimuthally anisotropy of coal measures. The 12TH International Workshop on Seismic Anisotropy (Beijing, China), Expanded Abstracts