

1-9 Prof. Detian Yan

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Education

B.A. China University of Petroleum, Qingdao, China, 1999

M.A. China University of Geosciences, Wuhan, China, 2005

Ph.D. Institute of geology and geophysics, Chinese academy of sciences, Beijing, China, 2008

Research Interests

Petroleum geology; Sedimentology and sedimentary geochemistry; Unconventional oil and gas resource exploration

Major Publications

Yan Detian, Wang Hua, Fu Qilong, Chen Zhonghong, He Jin, Gao Zhan. 2015. Organic matter accumulation of Late Ordovician sediments in North Guizhou Province, China: Sulfur isotope and trace element evidences. *Marine and Petroleum Geology*, 59: 348–358

Yan Detian, Wang Hua, Fu Qilong, Chen Zhonghong, He Jin, Gao Zhan. 2015. Geochemical characteristics in the Longmaxi Formation (Early Silurian) of South China: Implications for organic matter accumulation. *Marine and Petroleum Geology*, 65: 290–301

Chen Zhonghong, Wang T.-G., Yan Detian, 2015, Changes in concentration and distribution of biomarkers in biodegraded oils from Dongying Depression, China, *Appl. Biochem. Biotechnol.* DOI 10.1007/s12010-015-1775-z

Chen Daizhao, Zhou Xiqiang, Fu Yong, Wang Jianguo, Yan Detian, 2015, New U-Pb zircon ages of the Ediacaran-Cambrian boundary strata in South China, *Terra Nova*, 27: 62-68

Qiu Zhen , Wang Qingchen , Zou Caineng , Yan Detian , Wei Hengye , Transgressive-regressive sequences on the slope of an isolated carbonate platform (Middle-Late Permian, Laibin, South China), *Facies*, 2014, 60 (1): 327-345

Yan Detian, Zhang Liqin, Qiu Zhen, 2013. Carbon and sulfur isotopic fluctuations associated with the end-Guadalupian extinction in South China. *Gondwana Research*, 24: 1276–1282

Qiu Zhen, Wang Qingchen, Yan Detian, 2013, Geochemistry of the Middle to Late Permian limestones from the marginal zone of an isolated platform (Laibin, South China), *Science China - Earth Sciences*, 56: 1688-1700

Yan Detian, Chen Daizhao, Wang Qingchen, Wang Jianguo, 2012, Predominance of stratified anoxic Yangtze Sea interrupted by short-term oxygenation during the Ordo-Silurian transition. *Chemical Geology*, 291: 69–78

Wang Jianguo , Chen Daizhao , Yan Detian , Wei Hengye , Xiang Lei , Evolution from an anoxic to oxic deep ocean during the Ediacaran-Cambrian transition and implications for bioradiation , *Chemical Geology*, 2012, 306: 129-138

Wang Jianguo , Chen Daizhao , Wang Dan , Yan Detian , Zhou Xiqiang , Wang Qingchen ,

- Petrology and geochemistry of chert on the marginal zone of Yangtze Platform, western Hunan, South China, during the Ediacaran–Cambrian transition, *Sedimentology*, 2012, 59: 809-829
- Qiu Zhen, Wang Qingchen, Yan Detian, Geochemistry and sedimentary background of the Middle-Upper Permian cherts in the Penglaitan section, Laibin, Guangxi Province, *Acta Petrologica Sinica*, 2011, 27 (10): 3141-3155
- Yan Detian, Chen Daizhao, Wang Qingchen, Wang Jianguo, 2010, Large-scale climatic fluctuations in the latest Ordovician on the Yangtze block, south China, *Geology*, 38 (7): 599–602
- Yan Detian, Chen Daizhao, Wang Qingchen, Wang Jianguo, Wang Zhuozhuo, 2009, Carbon and sulfur isotopic anomalies across the Ordovician-Silurian boundary on the Yangtze Platform, South China, *Palaeogeography, Palaeoclimatology, Palaeoecology*, 274 (1-2): 32–39
- Yan DeTian, Chen DaiZhao, Wang QingChen, Wang JianGuo, 2009, Geochemical changes across the Ordovician-Silurian transition on the Yangtze Platform, South China, *Science in China - Series D*, 52 (1): 38–54
- Yan Detian, Zhang Liqin, Li Shuangjian, 2009, Ce anomalies of the Yangtze Region, South China, through the Ordovician and Silurian Transition, *Journal of Earth Science*, 20 (6): 941–948
- Chen Daizhao, Wang Jianguo, Qing Hairuo, Yan Detian, Li Renwei, 2009, Hydrothermal venting activities in the Early Cambrian, South China: petrological, geochronological and stable isotopic constraints, *Chemical Geology*, 258: 168-181