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简历:

1964年6月生,汉族,籍贯江西丰城。中国科学院广州地球化学研究所研究员。1984年毕业于南京大学地质学系地球化学专业,1987年在中国科学院地球化学研究所获硕士学位,2000年在中国科学院广州地球化学研究所获博士学位。1987年至今,一直在中国科学院广州地球化学研究所工作。从事烃源岩生烃与评价、油气成藏与后期改造过程的地球化学研究。具体研究内容:(1)应用限定体系的实验装置研究烃源岩(干酪根)生烃机理与影响因素;(2)分子成熟度指标的影响因素与低熟油形成机理研究;(3)应用含油气储集岩连续抽提实验、油气包裹体分子地球化学和单体烃碳同位素地球化学分析方法,研究油气藏成藏史;(4)通过矿物和焦沥青对原油裂解影响的实验研究,探讨原油稳定性和确定烃源岩生油下限和生气下限;(5)通过矿物对气态烃氧化作用的模拟实验,研究油气藏硫酸盐热化学还原反应(Thermochemical sulfate reduction - TSR)和Fe³⁺对油气组分的氧化作用,揭示氧化反应过程中气态烃化学组成和碳同位素组成的变化,为天然气藏的气源对比研究和高含量H₂S油气藏的预测提供理论依据。在国内外学术刊物上发表论文40余篇。

研究领域:

石油地球化学

代表论著:

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3. **Changchun Pan**, Ansong Geng, Ningning Zhong, Jingzhong Liu, Linping Yu, Kerogen pyrolysis in the presence and absence of water and minerals: amounts and compositions of bitumen and liquid hydrocarbons. *Fuel*, 2009, 88, 909-919
4. **Changchun Pan**, Dehua Peng, Min Zhang, Linping Yu, Guoying Sheng, Jiamo Fu, Distribution and Isomerization of C31-C35 Homohopanes and C29 Steranes in Oligocene Saline Lacustrine Sediments from Qaidam Basin, Northwest China. *Organic Geochemistry*, 2008, 39, 646-657.
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6. **Changchun Pan**, Yuming Tan, Jianhui Feng, Guangxing Jin, Yunxian Zhang, Guoying Sheng, Jiamo Fu, Mixing and biodegradation of hydrocarbons in the Daerqi oilfield, Baiyinchagan Depression, northern China. *Organic Geochemistry*, 2007, 38, 1479-1500.
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8. **Changchun Pan**, Jianhui Feng, Yuming Tian, Linping Yu, Xiaoping Luo, Guoying Sheng and Jiamo Fu, Interaction of oil components and clay minerals in reservoir sandstones. *Organic Geochemistry*, 2005, 36, 633-654.
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