

Stable isotopes in fossil fuels

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Influence of water hydrogen on the hydrogen stable isotope ratio of methane at low versus high temperatures of methanogenesis



Lin Wei^{a,b}, Zhiye Gao^{c,*}, Maria Mastalerz^{d,e}, Arndt Schimmelmann^e, Ling Gao^f, Xin Wang^c, Xiaoxue Liu^c, Ye Wang^c, Zhen Qiu^g

<https://doi.org/10.1016/j.orggeochem.2018.12.004>



geosciences (2017) 7 (2), 26.



Article

Characteristics of Microbial Coalbed Gas during Production; Example from Pennsylvanian Coals in Indiana, USA

Maria Mastalerz^{1,*}, Agnieszka Drobniak¹ and Arndt Schimmelmann²

<http://dx.doi.org/10.3390/geosciences7020026>

Catalytic generation of methane at 60–100 °C and 0.1–300 MPa from source rocks containing kerogen Types I, II, and III

Lin Wei^{a,*}, Arndt Schimmelmann^a, Maria Mastalerz^b, Richard W. Lahann^b, Peter E. Sauer^a, Agnieszka Drobniak^b, Dariusz Strąpoć^c, Frank D. Mango^d

<https://doi.org/10.1016/j.gca.2018.04.012>