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论文

**SCI**

* **X. Jia**, Q., Wang, R. Lin, J. Li, Z. Chen (2016). Transient Convective Heat Transfer in a Steam-Assisted Gravity Drainage (SAGD) Process. *Journal of Petroleum Science and Engineering*, MSID: PETROL8987. (Under review)
* Q. Wang, **X. Jia**, Z. Chen (2016) Modeling of Dynamic Mass Transfer in a Vapor Extraction Heavy Oil Recovery Process, *Journal of Canadian Chemical Engineering*, (accepted)
* Q. Wang, **X. Jia**, Z. Chen (2016). Mathematical modeling of the solvent chamber evolution in a vapor extraction heavy oil recovery process, *Fuel*. *186* (2016), 339–349.
* **X. Jia**, J. Li, and Z. Chen (2015). Mathematical Modeling of Dynamic Mass Transfer in Cyclic Solvent Injection, *SPE Journal*, MS ID: SJ-0615-0057, (under review).
* D. Wang, F. Zhou, W. Ding, H. Ge, **X. Jia**, and S. Yang (2015). A Numerical Simulation Study of Fracture Reorientation with a Degradable Fiber-Diverting Agent. *Journal of Natural Gas Science and Engineering*, *2015* (25): 215–225.
* **X. Jia**, F. Zeng, and Y. Gu (2015). Gasflooding-Assisted Cyclic Solvent Injection for Enhancing Heavy Oil Recovery. *Fuel*, *140* (2015): 344–353.
* T. Jiang,F. Zeng, **X. Jia**, and Y. Gu (2014). An Improved Solvent-Based Enhanced Heavy Oil Recovery Method: Cyclic Production with Continuous Solvent Injection. *Fuel*, *115* (2014): 268−281.
* **X. Jia**, F. Zeng, and Y. Gu (2014). Dynamic Solvent Process (DSP) for Enhancing Heavy Oil Recovery. *The Canadian Journal of Chemical Engineering*, *93* (5): 1−10.
* **X. Jia**, F. Zeng, and Y. Gu (2014). A New Mathematical Model for the Solvent Chamber Evolution in the Vapor Extraction Process. *Journal of Porous Media*, *17* (12): 1093−1108.
* **X. Jia**, F. Zeng, and Y. Gu (2013). Semi-Analytical Solutions to a One-Dimensional Advection–Diffusion Equation with Variable Diffusion Coefficient and Variable Flow Velocity. *Applied Mathematics and Computation*, *221* (2): 268−281.

**EI**

* **X. Jia**, J. Li, Z. Chen (2016). Modeling of Foamy-Oil Flow in Solvent-Based Recovery Processes. To be presented at the SPE Europec featured at 78th EAGE Conference and Exhibition, Vienna, Austria, 30 May−2 June. SPE-180183-MS.
* **X. Jia**, J. Li, Z. Chen (2015). Mathematical Modeling of Dynamic Mass Transfer in Cyclic Solvent Injection. SPE Canada Heavy Oil Conference, Calgary, Alberta, June 9−11. SPE-174519-MS.
* **X. Jia**, F. Zeng, and Y. Gu (2014). Enhanced Vapour Extraction of Heavy Oils through Foamy Oil Flow and Viscous Fingering. SPE Annual Technical Conference & Exhibition, Amsterdam, Netherland, October 27−29. SPE-170847-MS.
* **X. Jia**, F. Zeng, and Y. Gu (2014). Gasflooding-Assisted Cyclic Solvent Injection for Enhancing Heavy Oil Recovery. SPE Heavy Oil Conference-Canada, Calgary, Alberta, June 12−14. SPE-170157-MS.
* **X. Jia**, F. Zeng, and Y. Gu (2013). Pressure Pulsing Cyclic Solvent Injection: A New Way to Enhance the Recovery of Heavy Oil through Solvent-Based Enhanced Oil Recovery Techniques. SPE Annual Technical Conference & Exhibition, New Orleans, Louisiana, September 30−October 2. SPE-166453-MS.
* **X. Jia**, F. Zeng, and Y. Gu (2013). Enhanced Vapour Extraction through Foamy-Oil Flow. SPE Heavy Oil Conference Canada, Calgary, Alberta, June 11−13. SPE-165526-MS.
* T. Jiang, X. Jia, F. Zeng, and Y. Gu (2013). An Improved Solvent-Based Enhanced Heavy Oil Recovery Method: Cyclic Production with Continuous Solvent Injection. Presented at SPE Heavy Oil Conference Canada, Calgary, AB, Canada, June 11−13. SPE-165455-MS.
* **X. Jia**, F. Zeng, and Y. Gu (2012). One-Dimensional Mathematical Modeling of Vapour Extraction (VAPEX). SPE Heavy Oil Conference-Canada, Calgary, Alberta, June 12−14. SPE-157938-MS.
* **X. Jia**, F. Zeng, and Y. Gu (2011). A Semi-Analytical Solution of 1-D Diffusion−Convection Equation with Variable Convection Velocity. SPE Annual Technical Conference & Exhibition, Denver, Colorado, October 30−November 2. SPE-156887-MS.
* F. Zeng, K. Knorr, and **X. Jia** (2011). Tee-SVX: Enhanced Oil Flow Rate in Solvent Vapor Extraction Process. *Natural Resources Research*, *21* (1): 83–93.
* M. Derakhsfar, **X. Jia**, F. Zeng, and Y. Gu (2011). [Effects of Waterflooding and Solvent Injection on the Solvent Vapour Extraction (VAPEX) Heavy Oil Recovery. Presented at SPE Heavy Oil Conference and Exhibition, Kuwait City, Kuwait, December 12−14.](https://www.onepetro.org:443/conference-paper/SPE-150691-MS)  SPE-150691-MS.