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3. Jr., Jim Douglas, **Chieh-Sen Huang**, and Felipe Pereira. The modified method of characteristics with adjusted advection. *Numerische Mathematik*, 83:353–369, 1999. [SCI, NSYSU].
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5. **Chieh-Sen Huang**. Convergence analysis of a mass-conserving approximation of immiscible displacement by a modified method of characteristics with adjusted advection. *Computational Geosciences*, 4(2):165–184, 2000. [SCIE,NSYSU].
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12. Todd Arbogast and **Chieh-Sen Huang**. A fully mass and volume conserving implementation of a characteristic method for transport problems. *SIAM Journal on Scientific Computing*, 28(6):2001–2022, 2006. [SCI,NSYSU](2007 Impact Factor: 1.784).
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