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代表性论文：

[1] Li BQ, Ma YL, etc., The folded soliton with periodic vibration for a nonlinear coupled Schrödinger system. *ACTA PHYSICA SINICA*, 2011, Vol. 60(6), 060203-7.

[2] Li BQ, Ma YL, The non-traveling wave solutions and novel fractal soliton for the (2+1)-dimensional Broer-Kaup equations with variable coefficients. *Communications in Nonlinear Science and Numerical Simulation*. 2011, Vol. 16, p. 144-149.

[3] Li BQ, Ma YL, Sun JZ, The interaction processes of the N-soliton solutions for an extended generalization of Vakhnenko equation. *Applied Mathematics and Computation*. 2010, Vol. 216(12), p. 3522-3535.

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Publications

1. Novel loop-like solitons for a generalized Vakhnenko equation arising from high-frequent wave motion in a relaxing medium. *Chinese Physics B.* (2013), Vol. 22(3) 030511.
2. Ma YL, Li BQ, A direct method for constructing the traveling wave solutions of a modified generalized Vakhnenko equation. *Applied Mathematics and Computation*. 2012, Vol. 219(4), 2212-2219.
3. New exact solutions and novel time solitons for the dissipative Zabolotskaya-Khokhlov equation arisen from nonlinear acoustics. Z. Naturforsch. 67a, 601 -607
4. The non-traveling wave solutions and novel fractal soliton for the (2+1)-dimensional Broer-Kaup equations with variable coefficients. *Communications in Nonlinear Science and Numerical Simulation*. 2011, Vol. 16, p. 144-149.

5. A method for constructing nontraveling wave solutions for (1+1)-dimensional evolution equations. *Journal of Mathematical Physics*. 2010, Vol. 51(6), p. 063512-10.

6. The interaction processes of the N-soliton solutions for an extended generalization of Vakhnenko equation. *Applied Mathematics and Computation*. 2010, Vol. 216(12), p. 3522-3535.

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