



4.	2018.6 -2020.6 图
5.	, 2016
6.	2015 58
7.	2013 46
8.	2013 808 828
9.	2011
10.	2010
11.	A 2019
12.	2009
12.	2006

1.	2009
2.	2009
3.	2009
4.	2008
5.	2007
6.	2006
1.	2018 12
2.	2013 9
2.	2013 9
3.	2013 2
4.	2013 7
5.	2010 8
6.	2008 8
7.	AutoCAD 2008 8

8. 2003 10

1.

(2015.4.8) ZL201210212820.8

2.

(2015.3.11) ZL201210390350.4

3.

201721788317.1

4.

201720031620.0

1. Liang Huizhen, Miao Wei, Huang Changcheng, Gas-liquid two-phase flow characteristics of the jet vortex drainage gas production tool based on computational fluid dynamics Asia-Pacific Journal of Chemical Engineering 2020 sci.

2.

2018 48 6

3. EI 20114614518457 Liang Hui-Zhen Qi Mei, Li Wei , Li Wei-Hua. Research and application of diagnostic intelligence technology for working conditions in screw pump wells. 2011 International Conference on Electrical and Control Engineering, 1161-1164

4. EI 2000115399945 Liang Huizhen, Xie Jun, Li Jianzhao, Zeng Liping, Liu Liqun. Application of microbial oil producing in north China oil field. Xi'an Shiyou Xueyuan Xuebao/Journal of Xi'an Petroleum Institute,2000, 44-45, 79

5.(EI 20094512431571 Liang Hui-Zhen,; Jun Xie, Yu JiangTao; Meng, Ning-Ning. The BP network study of the time series overrolling model for forecasting the oilfield output. 2009 IITA International Conference on Services Science, Management and Engineering,307-310.

6. (EI 1999344719222 Liang Huizhen, Zu Shiqiang, Duan Baoyu, Ma Lanzhi, Li Zhenlong. Discussion on the production technology of injection-production pump system. Xi'an Shiyou Xueyuan Xuebao/Journal of Xi'an Petroleum Institute.1998,43-44, 47.

7. (EI 20091311977889 Xie Jun, Lin Peng,Liang Huizhen,Lu Minghui. The improved rapid convergence algorithm of the connecting rights in the BP network. 2008 International Symposium on Knowledge Acquisition and Modeling,819-822.

8. (EI 20110213577133 Qi Mei,Guo Chuanjiang,Liang Huizhen.Optimized

design and applications of axial-flow fan. 2010 International Symposium on Intelligence Information Processing and Trusted Computing,562-564.

9. (EI 20110213577133 Xie Jun, Lu Minghui,Liang Huizhen,Lin Peng. The research and application of bp network tracking model for forecasting oil well yield. 2008 Pacific-Asia Workshop on Computational Intelligence and IndustrialApplication, 18-22.

10. (EI 2003387641252 Xie Jun,Liang Hui-zhen. Study of xanthan gum by way of an oil-field displacing agent. Kuangwu Yanshi 2003,23 2 103-107.

11. 场.  
,2004(3):75-77,85.

12. , .  
,2009,24(6):13-16.

13. , . ,  
, 2007,37(2):335-340.

1. 北  
2017

2. 北  
2018

2017-2019