

## 发表的主要论文:

1. On  $(d, 2)$ -dominating numbers of binary undirected de Bruijn graphs, *Disc. Appl. Math.* 105(2000), 137-145. (with J. Xu, K. Zhang)
2. On container length and wide diameter in unidirectional hypercube, *Taiwanese J. of Math.* 6(2002), 75-87. (with K. Zhang)
3. On  $(d, 2)$ -dominating numbers of butterfly networks, *Taiwanese J. Math.* 6(2002), 515-521. (with R. Shao, K. Zhang)
4. Distance two labelings of graphs, *European J. Combinatorics* 24 (2003), 53-58. (with G. Chang)
5. The geodetic numbers of graphs and digraphs, *Science in China A: Mathematics* 50(2007), 1163-1172.
6. Extremal problems on consecutive  $L(2, 1)$ -labellings, *Disc. Appl. Math* 155(2007), 1302-1313. (with L. Chen, M. Zhai)
7. An extremal problem on non-full colorable graphs, *Disc. Appl. Math* 155(2007), 2165-2173. (with M. Zhai)
8. No-hole 2-distant colorings for Cayley graphs on finitely generated abelian groups, *Disc. Math* 307(2007), 1808-1817. (with G. Chang, S. Zhou)
9. Labelling algorithms for paired-domination problems in block and interval graphs, *J. Comb. Optim.* 19 (2010), 457-470. (with L. Chen, Z. Zeng)
10. The upper and Lower geodetic numbers of graphs, *Ars Comb.* 91 (2009), 401-409. (with L. Dong, X. Wang)
11. Distance-two labellings of Hamming graphs, *Disc. Appl. Math* 157 (2009), 1896-1904. (with G. Chang, S. Zhou)
12. Hardness results and approximation algorithms of (weighted) paired-domination in graphs, *Theoretical Comput. Science* 410 (2009), 5063-5071. (with L. Chen, Z. Zeng)
13. Distance paired-domination problems on subclasses of chordal graphs, *Theoretical Comput. Science* 410 (2009), 5072-5081. (with L. Chen, Z. Zeng)
14. A linear-time algorithm for paired-domination problem in strongly chordal graphs, *Inform. Proces. Letters* 110 (2009), 20-23. (with L. Chen, Z. Zeng)
15. Vertex-coloring edge-weightings of graphs, *Taiwanese J. of Math.* 159(2011), 1807-1813. (with G. Chang, J. Wu, Q. Yu)
16. The  $L(2, 1)$ - $F$ -labeling problem of graphs, *Taiwanese J. of Math.* 159(2011), 1277-1285. (with G. Chang)
17. Identifying codes and locating-dominating sets on paths and cycles, *Disc. Appl. Math* 159(2011), 1540-1547. (with C. Chen, Z. Miao)

18. A conjecture on the number of SDRs of a  $(t, n)$ -family, *European J. Combinatorics* 33 (2012), 1-7. (with D. He)
19. Vertices in all minimum paired-dominating sets of block graphs, *J. of Combin. Optim.* 24(2012), 176-191. (with L. Chen, Z. Zeng)
20. NP-completeness and APX-completeness of restrained domination in graphs, *Theoretical Comput. Science* 448 (2012), 1-8. (with L. Chen, W. Zeng)
21. Three conjectures on the signed cycle domination in graphs, *J. of Combin. Optim.* 25 (2013), 639-645. (with J. Guan, X. Liu, Z. Miao)
22. Path covering number and  $L(2,1)$ -labeling number of graphs, *Disc. Appl. Math* 161 (2013), 2062-2074. (with Q. Zhou)
23. Graph with unique minimum paired-dominating set, *Ars. Combin.* 119(2015), 177-192. (with L. Chen, Z. Zeng)
24. On tight components and anti-tight components, *Graphs and Combin.* 31(2015), 2293-2297. (with K. Wang, X. Yu)
25.  $k$ -Power domination in block graphs, *J. of Combin. Optim.* 31(2016), 2293-2297. (with C. Wang, K. Wang)