

**(A) Articles in Refereed Journal Publications**

1. Joint with F. Sun and **J. Peng**, A note on the inverse problems associated with subsequence sums , JCMCC (Journal of Combinatorial Mathematics and Combinatorial Computing), Accepted April, 2019.
2. Joint with W. Gao, **C. Liu** and Y. Qiu, Product one subsequences over subgroups of a finite group, Acta Arith. 189 (2019), no. 3, 209-221.
3. Joint with **J. Peng**, W. Hui and F. Sun, On Subset Sums of Zero-Sum Free Sets of Abelian Groups, Int. J. Number Theory, 15 (3), (2019) 645-654.
4. Joint with **Zhengxing Li**, Class-preserving Coleman automorphisms of permutational wreath products with 2-closed base groups, J. Algebra Appl. 15 (10) (2016) 1650189 (11 pages) (DOI: 10.1142/S0219498816501899).
5. Joint with **X. Zeng** and P. Yuan, On the structure of long unsplittable minimal zero-sum sequences , Acta Arith. 176 (2) 2016, 131-159.
6. Joint with **Zhengxing Li** and Hongwei Gao, The influence of maximal quotient groups on the normalizer conjecture of integral group rings J. Group Theory, 19 (6)(2016) 983-992, (DOI: 10.1515/jgth-2016-0013)
7. Joint with W. Gao, **P. Zhao** and **J. Zhuang**, On sequences over a finite abelian group with zero-sum subsequences of forbidden lengths, Colloq. Math. 144 (1) (2016) 31- 44 (DOI:10.4064/ cm6488-8-2015)
8. Joint with **H. Huang** and P. Yuan, Star-clean group rings II, Comm. Algebra, 44 (2) (2016) 568-590 (DOI: 10.1080/00927872.2014.981751).
9. Joint with **H. Huang** On  $B(5,18)$  groups, Comm. Algebra, (published on-line, Nov. 13, 2015), 44 (2016) 568-690 (DOI: 10.1080/00927872.2014.981751).
10. Joint with **Zhengxing Li**, Coleman automorphisms of generalized dihedral groups  $\langle a_i \rangle$ , Acta Mathematica Sinica, 32 (2) (2016) pp 251-257.
11. Joint with **H. Huang** and G. Tang, On  $*$ -clean non-commutative group rings, Journal of Algebra and Its Applications, (published on-line, Oct. 30, 2015), 15 (8) (2016) 1650150 (17 pages) (DOI: 10.1142/S0219498816501504).
12. Joint with **F. AliniaEIFard** and M. Behboodib, The Annihilating-Ideal Graph of a Ring, Journal of Korean Math. Society, 82 (6) (2015) 1323-1336.

13. Joint with W. Gao, P. Yuan and **J. Zhuang**, On the structure of long zero-sum free sequences and  $n$ -zero-sum free sequences over finite cyclic groups, *Archiv der Mathematik*, 105 (4) (2015) 361-370 (DOI: 10.1007/s00013-015-0813-y ).
14. Joint with **H. Huang** On  $B(4,14)$  non-2-groups, *Journal of Algebra and Its Applications*, 14, (7) (2015) 1550118 (14 pages).
15. Joint with Jianlong Cheng and **Yanyan Gao**, Some  $*$ -clean group rings, *Algebra Colloquium*, 22 (1) (2015) 169-180.
16. Joint with **F. Aliniaefard**, Zero-divisor Graphs for Group Rings, *Comm. Algebra*, 42(2014) 4790-4800.
17. Joint with **Yilan Tan**, On  $B_5$ -groups, *Ars Combinatoria*, 114 (2014) 3-14.
18. Joint with **Jiangtao Peng**, Minimal zero-sum sequences of length five over finite cyclic groups, *Ars Combinatoria*, 112 (2013) 373-384.
19. Joint with **Jiangtao Peng**, Minimal zero-sum sequences of length four over finite cyclic groups II, *Int. J. Number Theory*, 9 (2013) 845-866.
20. Joint with **F. Aliniaefard** and K. Nicholson, Morphic  $p$ -groups, *Journal of Pure and Applied Algebra*, 217 (2013) 1864-1869.
21. Joint with **Xiaoying Pan**, On  $B(5,k)$  groups, *Bull. Austral. Math. Soc.* 84 (2011) 393-407.
22. Joint with **Yilan Tan**, On  $B(4,13)$  2-groups, *Comm. Algebra*, 39 (10) (2011) 3769-3780.
23. Joint with Weidong Gao, Jiangtao Peng, **Chris Plyley** and Guoqing Wang, On the index of sequences over cyclic groups, *Acta Arith.*, 148 (2011), 119-134.
24. Joint with **C. Plyley**, P. Yuan and X. Zeng, Minimal Zero Sum Sequences of Length Four over Finite Cyclic Groups, *Journal of Number Theory*, 130 (2010) 2033-2048 (<http://dx.doi.org/10.1016/j.jnt.2009.12.005>).
25. Joint with **Yilan Tan**, On  $B(4,k)$  groups, *Journal of Algebra and Its Applications*, 9 (2010) 27-42.
26. Joint with **Zsolt Balogh**, On the derived length of the group of units of a group algebra, *Journal of Algebra and Its Applications*, 6 (6) (2007) 991-999.
27. Joint with H.E. Bell, **C. Phipps**, On reversible group rings, *Bull. Austral. Math. Soc.* 74 (1) (2006) 139-142.

## (B) Submitted Papers

1. Joint with **Q. Zhong**, Clean group rings over localizations of rings of integers , Submitted 2019.
2. Joint with **J. Peng, C. Liu and M. Huang**, On subsequence sums of a zero-sum free sequence over finite abelian groups, Submitted 2019.
3. Joint with J. Peng, **C. Liu and M. Huang**, On the inverse problems associated with subsequence sums of zero-sum free sequences over finite abelian groups , Submitted 2018.
4. Joint with W. Gao,**M. Huang**, W. Hui, **C. Liu** and J. Peng, Sums of sets of abelian group elements , Submitted 2018.
5. Joint with **F. AliniaEIFard** and M. Behboodib, Noetherian Rings Whose Annihilating-Ideal Graphs Have Positive Genus, Submitted 2015.

## (C) Conference Presentations

1. **H. Huang**, and Y. Li, On  $B(5, 18)$  groups, *Brock International Conference on Groups, Rings and Group Rings*, July 27- Aug1. 2014
2. **Y. Tan** and Y. Li, On a combinatorics problem on groups theory, 17th Annual Ontario Combinatorics Workshop, University of Waterloo, May 1st-2nd, 2009
3. **C. Plyley** and Y. Li, Basic Pairs and the Four Sum Theorem, 17th Annual Ontario Combinatorics Workshop, University of Waterloo, May 1st-2nd, 2009
4. **Y. Tan** and Y. Li, On  $B_5$  groups, *Brock University Algebra Workshop*, Feb. 20, 2009
5. **C. Plyley** and Y. Li, The Four-sum Problem, *Brock University Algebra Workshop*, Feb. 20, 2009

## (D) Poster Presentations

1. **V. Hamilton**, and Y.Li, Algebraic Codes in Group Rings, *Fourth Annual Research Celebration at Brock Univ.*, April, 7 2016
2. **H. Huang**, Y.Li and P. Yuan, On Star Clean Group Algebra, *Third Annual Research Celebration at Brock Univ.*, Feb, 10 2015
3. **F. AliniaEIFard**, Y. Li and A. Odesskii, Zero-divisor Graphs for groups for group rings, *First Annual Research Celebration at Brock Univ.*, Feb. 12, 2013
4. **V. Apety**, A.Odesskii and Y. Li, Infinitesimal Symmetries of a Hydrodynamic-type System, *First Annual Research Celebration at Brock Univ.*, Feb. 12, 2013