

Publication list

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Published or accepted papers

- [1] Domination and leaf density in graphs. *Discuss. Math. Graph Theory*, 25(3):251–259, 2005.
- [2] The number of independent sets in unicyclic graphs. *Discrete Appl. Math.*, 152(1-3):246–256, 2005. With Preben Dahl Vestergaard.
- [3] On equality in Berge’s classical bound for the domination number. *Australas. J. Combin.*, 31:37–46, 2005.
- [4] Bounds on the number of vertex independent sets in a graph. *Taiwanese J. Math.*, 10(6):1575–1587, 2006. With Preben Dahl Vestergaard.
- [5] An upper bound on the number of independent sets in a tree. *Ars Combin.*, 84:85–96, 2007. With Preben Dahl Vestergaard.
- [6] Merrifield-Simmons index and minimum number of independent sets in short trees, 2008. To appear in *Ars Combin.* With Allan Frendrup, Alexander A. Sapozhenko and Preben Dahl Vestergaard.
- [7] A basic elementary extension of the Duchet-Meyniel Theorem. *Discrete Math.*, 310(3):480–488, 2010. With Bjarne Toft.
- [8] Double-critical graphs and complete minors. *Electron. J. Combin.*, 17(1):Research Paper 87, 27 pp., 2010. With Ken-ichi Kawarabayashi and Bjarne Toft.
- [9] Complete and almost complete minors in double-critical 8-chromatic graphs. *Electron. J. Combin.*, 18(1):Research Paper 80, 17 pp., 2011.

- [10] Independence, odd girth, and average degree. *J. Graph Theory*, 67(2):96–111, 2011. With Christian Löwenstein, Dieter Rautenbach and Friedrich Regen.
- [11] Lower bounds on the independence number of certain graphs of odd girth at least seven. *Discrete Appl. Math.*, 159(2-3):143–151, 2011. With Dieter Rautenbach and Friedrich Regen.
- [12] Recolouring-resistant colourings. *Discrete Appl. Math.*, 159(10):1013–1021, 2011. With Dieter Rautenbach.
- [13] The Erdős-Lovász Tihany Conjecture and complete minors. *J. Comb.*, 2(4):575–592, 2012. With Ken-ichi Kawarabayashi and Bjarne Toft.