

## 発表論文

1. *An upper bound on the reduction number of an ideal*, to appear in Comm. Algebra, Joint work with Y. Kinoshita, K. Sakata and R. Shinya.
2. *The structure of Sally modules of rank one*, to appear in Math. Res. Lett., Joint work with S. Goto and K. Ozeki.
3. *Sally modules of rank one*, to appear in Michigan Math. J. (Special Volume in honor of M. Hochster), Joint work with S. Goto and K. Ozeki.
4. *On Burch's inequality and a reduction system of a filtration*, Proc. Amer. Math. Soc., **134** (2006), 3437-3444, Joint Work with Y. Kinoshita, Y. Yamanaka and A. Yoneda
5. *On the depth of the associated graded ring of a filtration*, J. Algebra, **285** (2005), 182 – 195.
6. *Hilbert coefficients and Buchsbaumness of associated graded rings*, J. Pure Appl. Algebra, **181** (2003), 61 – 74, Joint Work with S. Goto.
7. *On filtrations having small analytic deviation*, Comm. Algebra, **29** (2001), 2711 – 2729
8. *On the integral closures of certain ideals generated by regular sequences*, J. Pure Appl. Algebra, **152** (2000), 289 – 292.
9. *Hilbert-Samuel function and Grothendieck group*, Proc. Edinburgh Math. Soc. **43** (2000), 73 – 94.
10. *On the Gorensteinness of graded rings associated to ideals of analytic deviation one*, Japan. J. Math. **23** (1997), 303 – 318, Joint work with S. Goto and Y. Nakamura.
11. *Cohen-Macaulayness in graded rings associated to ideals*, J. Math. Kyoto Univ. **36** (1996), 230 – 250, Joint work with S. Goto and Y. Nakamura.
12. *Powers of ideals in Cohen-Macaulay rings*, J. Math. Soc. Japan **48** (1996), 409 – 426.
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16. *The Gorensteinness of the symbolic blow-ups for certain space monomial curves*, Trans. Amer. Math. Soc. **340** (1993), 323 – 335, Joint work with S. Goto and Y. Shimoda.
17. *The Gorensteinness of symbolic Rees algebras for space monomial curves*, J. Math. Soc. Japan **43** (1991), 465 – 481, Joint work with S. Goto and Y. Shimoda.
18. *Topics on symbolic Rees algebras for space monomial curves*, Nagoya Math. J. **124**

- (1991), 99 – 132, Joint work with S. Goto and Y. Shimoda.
19. *On the structure of Noetherian symbolic Rees algebras*, Manuscripta Math. **67** (1990), 197 – 225, Joint work with S. Goto, M. Herrmann, and O. Villamayor.
  20. *Non-regular local rings of finite Buchsbaum-representation type*, Yokohama Math. J. **37** (1989), 157 – 161.
  21. *On a construction of indecomposable modules and applications*, Tsukuba J. Math. **13** (1989), 147 – 155.
  22. *Rings with only finitely many isomorphism classes of indecomposable maximal Buchsbaum modules*, J. Math. Soc. Japan **48** (1988), 501 – 518, Joint work with S. Goto.