

# Publications

Kimihiko MOTEGI

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2. Homology 3-spheres which are obtained by Dehn surgeries on knots, *Math. Ann.* **281** (1988), 483–493.
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4. Twisting and knot types (with M.Kouno and T.Shibuya), *J. Math. Soc. Japan* **44** (1992), 199–216.
5. Behavior of knots under twisting (with M.Kouno and T.Shibuya), In : *Aspects of Low Dimensional Manifolds*, *Adv. Stud. Pure. Math.* **20** (1992), pp 113–124, Kinokuniya.
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7. Knotting trivial knots and resulting knot types, *Pacific J. Math.* **161** (1993), 371–383.
8. On satellite knots (with M.Kouno), *Math. Proc. Camb. Phil. Soc.* **115** (1994), 219–228.
9. 切り貼りの技法とグラフ理論 (林忠一郎氏との共著), *数学* (日本数学会), 岩波書店, 第47巻, 第4号 (1995), 377–393.
10. A note on unlinking numbers of Montesinos links, *Rev. Mat. Complut. Madrid* **9** (1996), 151–164.
11. Bridge numbers of twisted Montesinos knots, *Proc. of the Institute of Natural Sciences, Nihon University*, **31** (1996), 141–146.

12. Seifert fibred manifolds and Dehn surgery (with K.Miyazaki), *Topology* **36** (1997), 579–603.
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16. A study of Seifert fibring surgery by locating a Seifert fibre (with K.Miyazaki), *Proceedings of Applied Mathematics Workshop 8, The 5th Korea-Japan School of Knots and Links, KAIST* (edited by Gyo Taek and Ki Hyong Ko) (1997), 199–212.
17. Applications of graph theory to cut-and-paste arguments (with C.Hayashi), *Sugaku Expositions, Amer. Math. Soc.* **11** (1998), 123–143.
18. Seifert fibered manifolds and Dehn surgery II (with K.Miyazaki), *Math. Ann.* **311** (1998), 647–664.
19. Toroidal and annular Dehn surgeries of solid tori (with K.Miyazaki), *Topology Appl.* **93** (1999), 173–178.
20. Seifert fibered manifolds and Dehn surgery III (with K.Miyazaki), *Comm. Anal. Geom.* **7** (1999), 551–582.
21. Toroidal surgery on periodic knots (with K.Miyazaki), *Pacific J. Math.* **193** (2000), 381–396.
22. Non-hyperbolic Dehn surgeries on hyperbolic knots, *Geometry and Topology, Proceedings of Workshop in Pure Math.* **19** (2000), (The Korean Academic Council), 105–116.
23. Seifert fibering surgery on periodic knots (with K.Miyazaki), *Topology Appl.* **121** (2002), 275–285.
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28. Twisted unknots (with M. AïtNouh, D. Matignon), *C. R. Acad. Sci. Paris, Ser. I* **337** (2003), 321–326.
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30. On primitive/Seifert-fibered constructions (with K.Miyazaki), *Math. Proc. Camb. Phil. Soc.* **138** (2005), 421–435.
31. Braids and Nielsen-Thurston types of automorphisms of punctured surface (with K.Ichihara), *Tokyo J. Math.* **28** (2005), 527–538.
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33. Geometric types of twisted knots (with M. AïtNouh, D. Matignon), *Ann. Math. Blaise Pascal* **13** (2006), 31–85.
34. Seifert fibered surgeries which do not arise from primitive/Seifert-fibered constructions (with T.Mattman and K.Miyazaki), *Trans. Amer. Math. Soc.* **358** (2006), 4045–4055.
35. Hyperbolic sections in surface bundles (with Kazuhiro Ichihara), *Topology Appl.* **154** (2007), 1398–1406.
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40. Seifert fibered surgeries with distinct primitive/Seifert positions (with Mario Eudave-Muñoz and Katura Miyazaki), *Topology Appl.* **159** (2012), 980–989.  
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42. Hyperbolic seiferters for lens surgeries (with Mario Eudave-Muñoz and Katura Miyazaki), *Proceedings of the Institute of Natural Sciences, Nihon University*, 48 (2013), 175–184.
43. Networking Seifert surgeries on knots IV: Seiferters and branched coverings (with Arnaud Deruelle, Mario Eudave-Muñoz and Katura Miyazaki), *Contemp. Math. Amer. Math. Soc.* **597** (2013), 235–262.  
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50. The slope conjecture for graph knots (with Toshie Takata), *Math. Proc. Camb. Phil. Soc.* **162** (2017), 383–392.  
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51. A note on L-spaces which are double branched covers of non-quasi-alternating links, *Topology Appl.* **230** (2017), 172–180. DOI: 10.1016/j.topol.2017.08.043
52. On L-space twisted torus knots, (with Kazushige Tohki), *Proceedings of the Institute of Natural Sciences, Nihon University*, **52** (2017), 325–338.
53. Tight fibered knots and band sums (with Kenneth L. Baker), *Math. Z.* **286** (2017), 1357–1365.  
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60. Generalized torsion and decomposition of 3-manifolds, (with Tetsuya Ito and Masakazu Teragaito), to appear in *Proc. Amer. Math. Soc.*
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