MY PUBLICATION LIST

1. A construction of Brownian motion process in r dimension.**(1971)** *Studia Sci. Math. Hungar.* **6** 375- 380.

2. Further statistical properties of the Walsh functions **(1972)** *Studia Sci. Math Hungar.* **5.** 147- 153.

3. Remarks to the problem of n-universal trees. **(1974)** *Periodica Math. Hungar.* 131-143.

4. A general method for density estimation. **(1974)** *Studia Sci. Math. Hungar.* 81-92 (with Pal Révész).

5. Density estimation for dependent sample. **(1974)** *Studia Sci. Math. Hungar.***9** 443-452.

6. Central limit theorems for weakly lacunary Walsh series **(1975)** *Studia Sci. Math. Hungar.* **10** 141-146

7. On the first empty cell. **(1976)** *Studia Sci. Math. Hungar.* **11** 373-382 (with E. Csáki).

8. Glivenko Cantelli theorems for the product limit estimate. **(1978)** *Problems of Control and Information Theory,* **7** No 3, 213-225 (with B. B. Winter and L. Rejtő).

9. The limit distribution of the length of the longest headrun **(1979)** *Periodica Math. Hungar.* **10** (4) 301-310

10. A leghosszabb tiszta fej" hosszának határeloszlásáról **(1980)** *Matematikai Lapok* **26** 1 2, 105-116.

11. Strong consistency properties of nonparametric estimators for randomly censored data, I.: The product limit estimator **(1980)** *Periodica Math. Hungar.* **11** (3) 233-250 (with L. Rejtő and B. B. Winter).

12. Remark to the paper "Strong consistency properties of the PL estimator"**(1980)** *Periodica Math. Hungar.* **11** (3) cc 251-254 (with L. Rejtő).

13. Large sample properties of nonparametric bivariate estimators with censored data,**(1980)** *Proceedings of Nonparametric Statistics Coll. Math. Soc. J. Bolyai* **(32)** 103- 121, (with G. Campbell).

14. Strong consistency properties of nonparametric estimators for randomly censored data, II.:Estimation of density and failure rate. **(1981)** *Periodica Math. Hungar.* **12** (1) 15-29 (with L. Rejtő and B. B. Winter).

15. Strong uniform consistency for nonparametric survival curve estimators from randomly censored data **(1981)** *Annals of Statistics.* **9** 1 122-129 (with L. Rejtő).

16. Asymptotic properties of the nonparametric survival curve estimators under variable censoring. The first Pannonian Symposium on Mathematical Statistics.**(1981)** *Lecture Notes in Statistics*, 55-71, Berlin Heidelberg, New York: Springer (with L. Rejtő).

17. A LIL type result for the product limit estimator **(1981)** *Zeitschrift fur Wahrscheinlichkeitstheorie verw. Gebiete* **56** 75-86 (with L. Rejtő).

18. Strong uniform consistency of the product limit estimator under variable censoring.**(1981)** *Zeitschrift fur Wahrscheinlichkeitstheorie verw. Gebiete* **58** 95-107.

19. How big are the increments of the local time of the simple symmetric random walk?**(1982)** *Proceedings of Coll. Math. Soc. J. Bolyai **(36)** Limit Theorem in Probability and Statistics* 199-221 (with E. Csáki).

20. On the narrowest tube of a Wiener process,**(1982)** *Proceedings of Coll. Math Soc. J. Bolyai* **(36)** Limit Theorems in Probability and Statistics 173-197 (with E. Csáki).

21. How big are the increments of the local time of a Wiener process? **(1983)***Annals of Probability* **11.** 593 -608 (with E. Csáki, M. Csörgő and P. Révész).

22. How big are the increments of the local time of a recurrent random walk? **(1983)** *Zeitschrift fur Wahrscheinlichkeitstheorie verw. Gebiete* **65** 307-322 (with E. Csáki) .

23. A generalized product limit estimator for weighted distribution functions based on censored data **(1984)** *Statistics and Decision Suppl.* 111- 130 (with G. Campbell)

24. Failure rate estimation in renewal testing **(1984)** *Statistics Decision Suppl.* 87-109 (with B. B. Winter).

25. The narrowest tube of a recurrent random walk **(1984)** *Zeitschrift fur Wahrscheinlichkeitstheorie verw. Gebiete* **66** 387-406 (with E. Csáki)

26. On the length of the longest flat interval **(1985)** *Proceedings of the 5.-th PSKS Visegrad, Hungary* 23-33 (with E. Csáki).

27. How small are the increments of the local time of a Wiener process? **(1986)** *Ann. Probability* **14** 533- 546 (with E. Csáki).

28. How small are the increments of the local time of a recurrent random walk? **(1986)** *Periodica Math. Hungar.*,**17** (2) 127- 136 (with E. Csáki).

29. Limit theorems for Erdős Rényi type problems **(1987)** *Studia Sci. Math Hungar.* **22** 321-332 with E. Csáki, J. Komlós) .

30. On the maximum of a Wiener process and its location **(1987)** *Probability Theory and Related Fields*, **76** 477- 497 (with E. Csáki and P. Révész).

31. A note on the stability of the local time of a Wiener process **(1987**) *Stoch. Proc. Appl.* **25** 203- 213 (with E. Csáki)

32. On the joint distributions of the maximum and its location for a linear diffusion **(1987)** *Ann. Inst.H.P.* **23** (2) 179-194 (with E. Csáki, P. Salminen).

33. On the local time process standardized by the local time at zero **(1988)** *Acta Math. Hung.* **52** (1–2) 175- 186 (with E. Csáki).

34. A Product limit estimator for use with length biased data**(1988)** *The Canadian J. Statist.* **16** (4) 337- 355 (with B. B. Winter).

35. Around Yor's theorem on the Brownian sheet and local time **(1988)** *J. Math, Kyoto Univ.* **28** (2) 373-381 (with E. Csáki and Y. Kasahara).

36. Brownian local time approximated by a Wiener sheet **(1989)** *Annals of Prob.* **17** (2) 516 537 (with E. Csáki, M. Csörgő and P. Révész).

37. On the infimum of the local time of a Wiener process **(1989)** *Probability Theory and Related Fields* **82** 545-563.

38. On hardly visited points of the Brownian motion **(1992)** *Probability Theory and Related Fields.* **91** 71-80 (with P. Révész)

39. Strong approximations of additive functionals **(1992)** *Journal of Theoretical Probability.* **5** (4) 679-705 (with E. Csáki, M. Csörgő, P. Révész)

40. Some questions about Brownian and random walk local time **(1992)**(Nonparametric statistics and related topics, Proceeding) 357-363 Elsevier.

41. Strong Theorems for Random walk and its Local Time **(1992)** *Proceedings of the* 4.*-th International meeting of Statistics in the Basque Country* 263-267

42. The time spent by the Wiener process in a narrow tube before leaving a wide tube **(1993)** *Proceedings of the American Math Soc.* **(117)** 529- 536 with M.L. Puri)

43. Quadratic variation of the local time of a random walk **(1993)** *Statistics and Probability Letters* **17** 171-12 (with P. Révész)

44. On almost sure local and global central limit theorems. **(1993)** *Probability Theory and Related Fields* **97** 321-337(with E. Csáki and P. Révész)

45. Runs and Excursions.**(1994)** *Runs and Patterns in Probability: Selected Papers.* 243-251.

46. On the logarithmic average of additive functionals **(1995)** *Statistics and Probability Letters* **22** 261-268 (with E. Csáki).

47. The length of the longest monotone blocks **(1996)** *Studia Math. Hung.* **31**. 35-46 (with E. Csáki).

48. Global Strassen type theorems for iterated Brownian motion **(1995)** *Stochastic Processes & Appl.* **59** 321-341(with E. Csáki, M. Csörgő, P. Révész).

49. Random Walk with Alternating Excursions **(1996)** *Acta Acad. Sci.Hung.* **32** 267-280 (with E. Csáki and P. Révész)

50. The local time of the IBM **(1996)** *J. Theor. Probab.* **9** 717-743 (with E. Csáki, M. Csörgö, P. Révész)

51. Strassen theorems for a class of iterated processes **(1997)** *Transactions of the American Mathematical Society.* **349** 1153-1167 .(with E. Csáki, and P. Révész)

52 . On the logarithmic average of iterated processes **(1997)** *Statistics and Probability Letters* **33**. 261-268 (with E. Csáki)

53. On the occupation time of an iterated process having no local time. **(1997)** *Stochastic Processes and their Applications* **70** 199-217 (with E. Csáki, M. Csörgő, and P. Révész)

54. A strong invariance principle for the local time difference of a simple symmetric planar random walk. **(1998**) *Studia Sci Math. Hung.* **34** 25-39 (with E. Csáki, and P. Révész)

55. On two ergodic properties of self similar processes **(1998)** *Asymptotic Methods in Probability & Statistics.* Elsevier. 97-114 (with E. Csáki)

56. On asymptotic independence of partial sums. **(1998)** *Asymptotic Methods in Probability & Statistics.* Elsevier.373-382 (with E. Csáki)

57. On the excursions of two-dimensional random walk and Wiener process Random walks **(1999)**. *Bolyai Society Mathematical Studies* **9**. Budapest Hungary, 43-58 (with E. Csáki, P. Révész and Zhan Shi)

58. Asymptotic Properties of Integral Functionals of Geometric Stochastic Processes **(2000)** *J. Appl.Prob.* **37** 480-493 (with E. Csáki, M. Csörgő, and P.Révész)

59. Increment sizes of the principal value of Brownian local time . **(2000)** *Probability Theory and Rel. Fields* **117** 515-531. (with E. Csáki, M. Csörgő and Zhan Shi)

60. Asymptotic Independence and Additive functionals. **(2000)** *Journal of Theoret. Probab.* **13** 1123-1144 (with E.Csáki)

61. Asymptotic Independence and strong approximation (survey) **(2000)** *Periodica Math. Hung.* **41** 121-147

62. Path properties of Cauchy's principal values related to local times. **(2001)** *Studia Sci. Math. Hung.* **38** 149-169 (with E. Csáki, M. Csörgő and Zhan Shi)

63. Local Times of Markov Processes Approximated by a Generalized Iterated Brownian Motion **(2001)** *Journal of Theoretical Probability* **14** 559- 576 (with N. Eisenbaum)

64. On a class of additive functionals of two dimensional Brownian motion and random walk. **(2002)** *Limit Theorems in Probability and Statistics I, Budapest,* 321-345 (with E. Csáki, M. Csörgő and Zhan Shi) .

65. Pointwise and Uniform Asymptotics of the Vervaat Error process **(2002)** *Journal of Theoretical Probability* **15**. 845-875 (with E. Csáki, M. Csörgő, Zhan Shi and Ricardas Zitikis)

66. A joint Functional law for the Wiener process and Principal value **(2003)** *Studia Sci. Math. Hung.* **40** 213-241 . (with E. Csáki, and Zhan Shi)

67. About the measure of heavily visited Points of the Brownian Motion. **(2003)** *Journal of Theoretical Probability* **16** 21-45

68. Strong Approximation of additive functionals of a planar Brownian motion **(2004)** *Stochastic Processes and their Applications* **109** 263-293(with E. Csáki, and Yueyun Hu)

69. Our joint work with Miklos Csörgő **(2004)** *Fields Institute Communications.* 3-23 (with E. Csáki, and Zhan Shi)

70. Maximal Local Time of a d-dimensional Simple Random walk on Subsets **(2005)** *Journal of Theoretical Probability.* **18** 687-717 (with E. Csáki and P. Révész)

71. Frequently visited sets for random walks. **(2005)** *Stochastic Processes and their Applications.* **115** 1503-1517(with E. Csáki, P. Révész Jay Rosen and Zhan Shi)

72. Some of my favorite results with Endre Csáki and Pál Révész (a survey) **(2005)** *Periodica Mathematica Hungarica* **50** 117-134

73. Heavy Points of a d-dimensional Simple Random Walk **(2006)** *Statistics and Probability Letters.* **76** 45–57 (with E. Csáki and P Révész)

74. Joint asymptotic behavior of local and occupation times of random walk in higher dimension **(2007)**(with E. Csáki and P Révész) *Studia Sci. Math. Hung.* **4** 535 -563.

75. On the Behavior of Random Walk Around Heavy Point **(2007)**(with E. Csáki and P. Révész) *Journal of Theoretical Probability.)* **20** 1041–1057.

76. On the local times of Transient Random Walks **(2007)**(with E. Csáki and P. Révész) *Acta Applied Math.***96** 147–158

77. On the local time of the asymmetric Bernoulli walk .**(2008)** (with E. Csáki and P. Révész) *Acta Sci. Math.* **74** 349–379

78. Transient Nearest Neighbor random Walk on the Line. **(2009)** (with E. Csáki and P. Révész) *Journal of Theoretical Probability.)* **22** 100-122.

79. Random Walk Local Time Approximated by a Wiener Sheet combined with an independent Brownian Motion. *Annals de l'IHP* **(2009)** (with E. Csáki, M.Csörgő and P. Révész) **45** 515-544

80. Transient Nearest Neighbor Random Walk and Bessel Process. **(2009)** *Journal of Theoretical Probability.* (with E. Csáki and P. Révész) **22** 992-1009

81. On the Number of Cutpoints of the Transient Nearest Neighbor Random Walk on the Line. *Journal of Theoretical Probability.* (**2010**) (with E. Csáki and P. Révész) **2** 624-638

82. Strong limit theorems for a simple random walk on the 2-dimensional comb. **(2009)** *Electronic Journal of Probability* (with E. Csáki, M. Csörgő and P. Révész) **82** 2371-2390

83. On the supremum of iterated local time. **(2010)** (with E. Csáki, M. Csörgő and P. Révész) *Publicationes Mathematicae Debrecen* **76/3** 255-270

84. We like to walk on the comb. *Periodica Mathematica Hungarica* (2010) **61**.(1-2) 165-181

85. On the local time of random walk on the two-dimensional comb. **2011** (with E. Csáki, M. Csörgő and P. Révész) *Stochastic Processes and Their Applications.* **121** 1290-1314

86. Strong Limit theorems for Anisotropic random walk on $\mathbf{Z}^2$ (with E. Csáki, M. Csörgő and P. Révész) *Periodica Mathematica Hungarica* (2013) **67** (1) 71-94

87. Random walk on the half-plane half-comb structure. *Annals Math. and Inf.* **39** (2012) 29-44. (with E. Csáki, M. Csörgő and P. Révész)

88. Some results and problems for anisotropic random walk on the plane. (with E. Csáki, and P. Révész) in the volume in Honour of Miklós Csörgő Work at the occasion of his 80.-th birthday. *Field Institute Communication* **76** (2013) 55-76.

89. Some Limit Theorems for the heights of Random Walks on a Spider. (with E. Csáki, M. Csörgő and P. Révész) *Journal of Theoretical Probability.* **29** (2015) p. 1685-1709

90. About the distance between random walkers on some graphs (with E. Csáki and P. Révész) *Periodica Math. Hung.* (2017) **75** (1) 36-57

91. Limit theorems for local and occupation times of random walks and Brownian motion on a spider. (with E. Csáki, M. Csörgő and P. Révész) *Journal of Probability Theory* (2019) **32** (1) 330-352

92. Two-dimensional anisotropic random walks: fixed versus random column configurations for transport phenomena (with E. Csáki, M. Csörgő and P. Révész) *Journal of Statistical Physics.* (2018) **171** (5) 822-841

93. Random walks on comb-type subsets of $\mathbf{Z}^2$ (with E. Csáki) *Journal of Theoretical Probability* (2020) **33** 2233-2257

94. On the local time of the Half-Plane Half-Comb walk (with E. Csáki) *Journal of Theoretical Probability* (2022) **35** 1247-1261

95. Strong Approximation of the Anisotropic Random Walk Revisited (with E. Csáki) *Journal of Theoretical Probability* (2022) **35**(4), 2879-2895,

96. Random walks on the two-dimensional K-comb lattice (with E. Csáki) *Mathematica Pannonica* **29**(3) (2023) 29-36 (2022)

97. On the local time of the anisotropic walk on $\mathbf{Z}^2$ (with E. Csáki) *Journal of Theoretical Probability* published online 31 October 2023

98. In memoriam Pál Révész 1934-2022. (with E. Csáki) to appear in *Periodica Mathematica Hungarica*