

## List of publications

1. Florin Nicolae, A remark concerning uniform continuity, An.Univ.Bucur, Mat. 37.3 (1988), 36-39.
2. Toma Albu, Florin Nicolae, Hecke'sche Systeme idealer Zahlen und Kne-sersche Körpererweiterungen, Acta Arithmetica LXXIII.1(1995), 43-50.
3. Toma Albu, Florin Nicolae, Kneser Field Extensions with Cogalois Cor-respondence, Journal of Number Theory 52(1995), 299-318.
4. Toma Albu, Florin Nicolae, G-Cogalois Extensions and Primitive El-ements, Proceedings of the 2.nd Gauss Symposium, München 3-7 August 1993. Berlin: Walter de Gruyter. Symposia Gaussiana, 233-240(1995).
5. Toma Albu, Florin Nicolae, Marcel Ţena, Some Remarks on G-Cogalois Field Extensions, Revue Roumaine de Mathematiques Pures et Appliquees XLI 3-4(1996), 145-153.
6. Toma Albu, Florin Nicolae, Finite Radical Field Extensions and Crossed Homomorphisms, Journal of Number Theory 60(1996), 291-309.
7. Florin Nicolae, Über die Konstruktion von Klassenkörpern algebraischer Zahlkörper durch Teilungspunkte Lubin-Tate formaler Gruppen, Teza de doctorat, Universitatea Humboldt Berlin, 1998.
8. Florin Nicolae, Über die lineare Unabhängigkeit der Dedekindschen Zeta-funktionen galoisscher Zahlkörper, Mathematische Nachrichten 220(2000), 111-113.
9. Florin Nicolae, On Artin's L-Functions. I, Journal für die reine und ange-wandte Mathematik 539(2001), 179-184.
10. Rolf-Peter Holzapfel, Florin Nicolae, Arithmetic on a Family of Picard Curves, Finite Fields with Applications to Coding Theory, Cryptography and Related Areas. Proceedings of the Sixth International Conference on Finite Fields and Applications, held at Oaxaca, Mexico, May 21-24, 2001, Springer Verlag(2002), 187-208.
11. Florin Nicolae, On Artin's L-Functions. II: Dirichlet Coefficients, Jour-nal für die reine und angewandte Mathematik 588(2005), 93-97.
12. Florin Nicolae, Artin's L-functions and one-dimensional characters, Jour-nal of Number Theory 124(2007), 26-30.
13. Florin Nicolae, On the semigroup of Artin's  $L$ -functions holomorphic at  $s_0$ , J. Number Theory 128, No. 11, 2861-2864 (2008).
14. Florin Nicolae, Alberto Verjovsky, Discrete Schwartz distributions and the Riemann zeta-function, Bull. Braz. Math. Soc., New Series 41(2), 211-

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15. Florin Nicolae, Michael Pohst, On the Convergence of the Dirichlet Series of an Artin  $L$ -Function, *Math. Nachr.* 284, no. 17-18, 2268-2271(2011)
16. Florin Nicolae, On the number of solutions of some Kummer equations over finite fields, *Finite Fields and Their Applications* 29 (2014), 151-159.
17. Florin Nicolae, On the Determination of Number Fields by  $L$ -Functions, *Journal de Théorie des Nombres de Bordeaux*, 28 (2), 431-433(2016).
18. Jürgen Klüners, Florin Nicolae, Are number fields determined by Artin  $L$ -functions ?, *J. Number Theory* 167, 161-168 (2016).
19. Florin Nicolae, On holomorphic Artin  $L$ -functions, arXiv:1610.08651, accepted at *Monatshefte für Mathematik*, published online 20 October 2017, DOI 10.1007/s00605-017-1120-4.
20. Mircea Cimpoeaş, Florin Nicolae, On the restricted partition function, arXiv:1609.06090, accepted at *The Ramanujan Journal*, published online 20 March 2018, <https://doi.org/10.1007/s11139-017-9985-3>.
21. Victor Cuauhtemoc Garcia, Florin Nicolae, Additive bases with coefficients of newforms, arXiv:1703.08473, accepted at *Forum Mathematicum*, published online 16 January 2018, DOI: <https://doi.org/10.1515/forum-2017-0091>.
22. Andreas-Stephan Elsenhans, Jürgen Klüners, Florin Nicolae, Imaginary quadratic number fields with class groups of small exponent, arXiv:1803.02056, 2018, submitted.
23. Mircea Cimpoeaş, Florin Nicolae, Independence of Artin  $L$ -functions, arXiv:1805.07990, 2018, submitted.