

## Publication List of Giovanni Coppola (Born in Avellino, ITALY, on 20th Feb.1970)

### Scientific Publications

- 1) Coppola, G. - *On the symmetry of primes in almost all short intervals* - Ric. Mat. **52.1** (2003), 21–29. [MR 2005f:11209](#)
- 2) Coppola, G. - *On the symmetry of divisor sums functions in almost all short intervals* - Integers **4** (2004), A2, 9 pp. (electronic). [MR 2005b:11153](#)
- 3) Coppola, G. - *On the symmetry of square-free supported arithmetical functions in short intervals* - JIPAM. J. Inequal. Pure Appl. Math. **5** (2004), no. **2**, Article 33, 11 pp. (electronic). [MR 2005f:11210](#)
- 4) Coppola, G. - *On the symmetry of square-free numbers in almost all short intervals* - Riv. Math. Univ. Parma (N.S.) (7) **3\*** (2004), 205–212. [MR 2005k:11192](#)
- 5) Coppola, G.- *On the Correlations, Selberg integral and symmetry of sieve functions in short intervals* - J. Comb. Number Theory **2.2** (2010), Article 1, 91–105.
- 6) Coppola, G. - *On the Selberg integral of the  $k$ -divisor function and the  $2k$ -th moment of the Riemann zeta-function* - Publ. Inst. Math. (Beograd) (N.S.) **88(102)** (2010), 99–110. [MR 2011m:11173](#)
- 7) Coppola, G.- *On the Correlations, Selberg integral and symmetry of sieve functions in short intervals, II* - Int. J. Pure Appl. Math. **58.3** (2010), 281–298.
- 8) Coppola, G. - *On some lower bounds of some symmetry integrals* - Afr.Mat. **25** issue 1 (2014), 183–195.
- 9) Adhikari, S. D. and Coppola, G. - *On the average of the sum-of-odd-divisors function* - Currents trends in number theory (Allahabad, 2000), 1–15, Hindustan Book Agency, New Delhi, 2002. [MR 2003f:11143](#)
- 10) Adhikari, S. D., Coppola, G. and Mukhopadhyay, A. - *On the average of the sum-of- $p$ -prime-divisors function* - Acta Arith. **101** (2002), no. **4**, 333–338. [MR 2002k:11163](#)
- 11) Coppola, G. and Laporta, M. - *A new “weighted” form of the Riemann-von Mangoldt explicit formula* - Note Mat. **14** (1994), no. **2**, 263–275 (1997). [MR 98k:11118](#) - available online
- 12) Coppola, G. and Laporta, M. - *On the representation of even integers as sum of two almost equal primes* - Number theory, I (Rome, 1995) - Rend. Semin. Mat. Univ. Politec. Torino **53.3** (1995), 245–252. [MR 98h:11122](#)
- 13) Coppola, G. and Laporta, M. - *Generations of correlation averages* - J. Numbers Volume 2014 (2014), Article ID 140840, 13 pages <http://dx.doi.org/10.1155/2014/140840> (compare [arxiv draft](#))
- 14) Coppola, G. and Laporta, M. - *A generalization of Gallagher’s Lemma for exponential sums* - Šiauliai Math. Semin. **10 (18)** (2015), 29–47.
- 15) Coppola, G. and Laporta, M. - *On the Correlations, Selberg integral and symmetry of sieve functions in short intervals, III* - Moscow J. of Combinatorics and N.T. **6.1** (2016), 3–24.
- 16) Coppola, G. and Laporta, M. - *Sieve functions in arithmetic bands* - Hardy-Ramanujan J. **39** (2016), 21–37.
- 17) Coppola, G. and Laporta, M. - *A note on the exponential sums of the localized divisor functions* - Anal. Probab. Methods Number Theory, 25–28, (Palanga 2016 Conference Proceedings), A. Dubickas et al. (Eds), 2017 Vilnius University
- 18) Coppola, G., Murty, M.R. and Saha, B. - *On the error term in a Parseval type formula in the theory of Ramanujan expansions II* - J. Number Theory **160** (2016), 700–715.
- 19) Coppola, G., Murty, M.R. and Saha, B. - *Finite Ramanujan expansions and shifted convolution sums of arithmetical functions* - J. Number Theory **174** (2017), 78–92.
- 20) Coppola, G. and Salerno, S. - *On the distribution in the arithmetic progressions of reducible quadratic polynomials in short intervals* - Funct. Approx. Comment. Math. **28** (2000), 75–81. [MR 2002a:11111](#)
- 21) Coppola, G. and Salerno, S. - *On the distribution in the arithmetic progressions of reducible quadratic polynomials in short intervals, II* - 21<sup>st</sup> Journées Arithmétiques (Rome, 2001). - J. Théor. Nombres Bordeaux **13** (2001), no. **1**, 93–102. [MR 2002e:11126](#) - available online
- 22) Coppola, G. and Salerno, S. - *On the symmetry of the divisor function in almost all short intervals* - Acta Arith. **113** (2004), no. **2**, 189–201. [MR 2005a:11144](#)
- 23) Coppola, G. and Salerno, S. - *On the symmetry of arithmetical functions in almost all short intervals* - C. R. Math. Acad. Sci. Soc. R. Can. **26** (2004), no. **4**, 118–125. [MR 2005m:11180](#)

- 24) Coppola, G. and Vitolo, A. - *On the distribution of primes in intervals of length  $\log^{\ominus} N$*  - Acta Math. Hungar. **70** (1996), no. **1-2**, 151–166. [MR96i:11103](#)
- 25) Coppola, G. and Vitolo, A.-*Corrigendum to: “On the distribution of primes in intervals of length  $\log^{\ominus} N$ ”* [Acta Math.Hungar. **70.1-2** (1996), 151–166.] Acta Math.Hungar. **78.4** (1998), 359–361. [MR99c:11115](#)

### Preprints

1. Coppola, G. and Laporta, M.B.S. - *Almost equal prime solutions of linear equations in two variables* - Preprint University of Salerno,1999
2. Coppola, G. and Salerno, S. - *On the distribution in the arithmetic progressions of quadratic reducible polynomials in short intervals, III* - Preprint
3. Coppola, G. and Iwaniec, H. - *On the symmetry of Hecke eigenvalues of modular forms in almost all short intervals* - Preprint n. 19 - July 2005 - University of Salerno
4. Coppola, G. - *On the symmetry of arithmetical functions in almost all short intervals, II* - Preprint n. 13 - July 2006 - University of Salerno
5. Coppola, G. - *On the symmetry of arithmetical functions in almost all short intervals, III* - Preprint n. 14 - July 2006 - University of Salerno
6. Coppola, G. - *On the symmetry of arithmetical functions in almost all short intervals, IV* - available online at <http://arxiv.org/abs/0805.1985v1> - 10 pp. (electronic).
7. Coppola, G. - *On the symmetry of arithmetical functions in almost all short intervals, V* - available online at <http://arxiv.org/abs/0901.4738v2> - 5 pp. (electronic).
8. Coppola, G. - *On the modified Selberg integral* - <http://arxiv.org/abs/1006.1229v1> - 6 pp. (electronic).
9. Coppola, G. - *On the symmetry integral* - <http://arxiv.org/abs/1007.1018v1> - 5 pp. (electronic).
10. Coppola, G. and Laporta, M. - *Generations of correlation averages* - <http://arxiv.org/abs/1205.1706v3> - 24 pp. (electronic). (compare Journal version, which is shorter)
11. Coppola, G. - *On the Selberg integral of the three-divisor function  $d_3$*  - <http://arxiv.org/abs/1207.0902v3> - 4 pp. (electronic).
12. Coppola, G. and Laporta, M. - *A modified Gallagher’s Lemma* - <http://arxiv.org/abs/1301.0008v1> - 5 pp. (electronic).
13. Coppola, G. and Laporta, M. - *Symmetry and short interval mean-squares* - submitted, see online <http://arxiv.org/abs/1312.5701v3> - 20 pp. (electronic).
14. Coppola, G. and Laporta, M. - *Some optimal links between generations of correlation averages* - available online at <http://arxiv.org/abs/1505.04551v1> - 5 pp. (electronic), submitted.
15. Coppola, G. - *Averages of short correlations: a note* - <http://arxiv.org/abs/1603.04847v1> - 7 pp. (electronic).
16. Coppola, G. - *On the symmetry of distribution of the prime-divisors function in short intervals* - (to appear).

### Collaborations with Journals

- \* Reviewer for *Mathematical Reviews*
- \* Reviewer for *Zentralblatt MATH*

Avellino, 27 March 2017

Signature