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- [1] *Central values of Rankin L-series over real quadratic fields.* **Compositio Math.** 142 (2006), 811–866.
- [2] *Whittaker newforms for archimedean representations of $GL(2)$.* **J. of Number Theory** 128/6 (2008), 1637–1645.
- [3] *Rational decomposition of modular forms.* **Ramanujan J.** 26/3 (2011), 419–435.
- [4] (with V. Paşol) *Modular forms and period polynomials.* **Proc. London Math. Soc.** 107/4 (2013), 713–743.
- [5] (with F.P. Boca, V. Paşol, A. Zaharescu) *Pair correlation of angles between reciprocal geodesics on the modular surface.* **Algebra and Number Theory** 8-4 (2014), 999–1035.
- [6] (with F.P. Boca, A. Zaharescu) *Pair correlation of hyperbolic lattice angles.* **Int. J. Number Theory** 10/8 (2014), 1955–1989.
- [7] (with V. Paşol) *On the Petersson scalar product of arbitrary modular forms.* **Proc. Amer. Math. Soc.** 142 (2014), 753–760.
- [8] (with V. Paşol) *An algebraic property of Hecke operators and two indefinite theta series.* **Forum Math.** 27/2 (2015), 915–928.
- [9] (with D. Zagier) *A combinatorial refinement of the Kronecker-Hurwitz class number relation.* **Proc. Amer. Math. Soc.** 145/3 (2017), 1003–1008.
- [10] *On the trace formula for Hecke operators on congruence subgroups.* **Proc. Amer. Math. Soc.** 146/7 (2018), 2749–2764.
- [11] *On the trace formula for Hecke operators on congruence subgroups, II.* **Research in the Math. Sciences** (2018), 5:3.
- [12] (with R. Gaba) *A generalization of Ramanujan’s congruence to modular forms of prime level.* **J. of Number Theory**, to appear, doi:10.1016/j.jnt.2018.05.007.
- [13] (with D. Zagier) *An elementary proof of the Eichler-Selberg trace formula.* ArXiv:1711.00327.