## Leonid Petrov. Publication List

## Preprints (\*), accepted, or published works

- [39] (\*) Matthew Nicoletti, Leonid Petrov. Irreversible Markov Dynamics and Hydrodynamics for KPZ States in the Stochastic Six Vertex Model, arXiv:2201.????? [math.PR]. (PDF link)
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- [25] Sevak Mkrtchyan, Leonid Petrov. *GUE corners limit of q-distributed lozenge tilings*, Electronic Journal of Probability, Volume 22 (2017), paper no. 101, 24 pp.. arXiv:1703.07503 [math.PR]. (PDF link)
- [24] Alexei Borodin, Leonid Petrov. *Inhomogeneous exponential jump model*, Probability Theory and Related Fields 172 (2018), 323-385. arXiv:1703.03857 [math.PR]. (PDF link)
- [23] Daniel Orr, Leonid Petrov. *Stochastic higher spin six vertex model and q-TASEPs*, Advances in Mathematics 317 (2017), 473-525. arXiv:1610.10080 [math.PR]. (PDF link)
- [22] Vadim Gorin, Leonid Petrov. *Universality of local statistics for noncolliding random walks*, Ann. Probab. (2019), Vol. 47, No. 5, 2686-2753.. arXiv:1608.03243 [math.PR]. (PDF link)
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- [10] Leonid Petrov. Asymptotics of uniformly random lozenge tilings of polygons. Gaussian free field, Annals of Probability, 43 (2014), no. 1, 1-43. arXiv:1206.5123 [math.PR]. (PDF link)
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[1] Sihan Li, Andrew Mecca, Jeewoo Kim, Giusy Caprara, Elizabeth Wagner, Ting-Ting Du, Leonid Petrov, Wenhao Xu, Runjia Cui, Ivan Rebustini, Bechara Kachar, Anthony Peng, and Jung-Bum Shin, *Myosin-VIIa is expressed in multiple isoforms and essential for tensioning the hair cell mechanotransduction complex*. Nature Communications, 11, Article number: 2066 (2020). https://www.nature.com/articles/s41467-020-15936-z.