LIST OF PUBLICATIONS

LEONID POSITSELSKI

1. Local Plücker formulas for a semisimple Lie group. *Funct. Anal. Appl.* **25**, #4, p. 291–292, 1991.
2. Nonhomogeneous quadratic duality and curvature. *Funct. Anal. Appl.* **27**, #3, p. 197–204, 1993.
3. The relation between the Hilbert series of dual quadratic algebras does not imply Koszulity. *Funct. Anal. Appl.* **29**, #3, p. 213–217, 1995.
4. All strictly exceptional collections in $\mathcal{D}^b_{\mathrm{coh}}(\mathbb{P}^m)$ consist of vector bundles. Electronic preprint `arXiv:alg-geom/9507014`, 6 pp, 1995.
5. (with A. Vishik) Koszul duality and Galois cohomology. *Math. Research Letters* **2**, #6, p. 771–781, 1995.
6. Mixed Tate motives with finite coefficients and conjectures about the Galois groups of fields. Abstracts of talks at the conference "Algebraische K-theorie", Tagungsbericht 39/1999, September–October 1999, Oberwolfach, Germany, p. 8–9. Available from `http://www.mfo.de/programme/schedule/1999/39/Report_39_99.ps` or `http://www.math.uiuc.edu/K-theory/0375/` .
7. (with R. Bezrukavnikov and A. Braverman) Gluing of abelian categories and differential operators on the basic affine space. *Journ. Inst. Math. Jussieu* **1**, #4, p. 543–557, 2002.
8. Koszul property and Bogomolov's conjecture. *Intern. Math. Research Notices* **2005**, #31, p. 1901–1936, 2005.
9. (with A. Polishchuk) Quadratic Algebras. University Lecture Series, 37. American Mathematical Society, Providence, RI, 2005. xii+159 pp.
10. Galois cohomology of certain field extensions and the divisible case of Milnor–Kato conjecture. *K-Theory* **36**, #1–2, p. 33–50, 2005.
11. Homological algebra of semimodules and semicontramodules: Semi-infinite homological algebra of associative algebraic structures. Appendices C–D in collaboration with D. Rumynin and S. Arkhipov. Monografie Matematyczne, vol. 70, Springer/Birkhäuser Basel, 2010. xxiv+349 pp.
12. (with R. Bezrukavnikov) On semi-infinite cohomology of finite-dimensional graded algebras. *Compositio Math.* **146**, #2, p. 480–496, 2010.
13. Two kinds of derived categories, Koszul duality, and comodule-contramodule correspondence. *Memoirs of the Amer. Math. Soc.*, posted on November 19, 2010, S 0065-9266(2010)00631-8 (to appear in print). v+133 pp.
14. Mixed Artin–Tate motives with finite coefficients. *Moscow Math. Journal* **11**, #2, p. 317–402, 2011.

15. The algebra of closed forms in a disk is Koszul. Electronic preprint arXiv:1007.5010 [math.KT], 7 pp., 2010.
16. Galois cohomology of a number field is Koszul. Electronic preprint arXiv:1008.0095 [math.KT], 23 pp., 2010.
17. (with A. Polishchuk) Hochschild (co)homology of the second kind I. Electronic preprint arXiv:1010.0982 [math.CT], 62 pp., 2010.
18. Artin–Tate motivic sheaves with finite coefficients over a smooth variety. Electronic preprint arXiv:1012.3735 [math.KT], 17 pp., 2010.
19. Coherent analogues of matrix factorizations and relative singularity categories. Electronic preprint arXiv:1102.0261 [math.CT], 16 pp., 2011.