

Списък на публикациите на проф. Людмил Кацарков

Публикации с номера от 1 до 73 са включени в списъка за участие в конкурс за член-кореспондент на БАН в областта на математическите науки, обявен на страницата на БАН на 07.05.2024 г.

1. Borisov, Dennis; **Katzarkov, Ludmil**; Sheshmani, Artan; Yau, Shing-Tung, *Strictification and gluing of Lagrangian distributions on derived schemes with shifted symplectic forms*, Adv. Math. 438 (2024), Paper No. 109477, 54 pp., **IF: 1.7 (Q1)**
2. **Katzarkov, L.**; Lee, K. S.; Svoboda, J.; Petkov, A., *Interpretations of spectra*, Springer Proc. Math. Stat., 409, Springer, Cham, 2023, 371–407. ISBN: 978-3-031-17858-0; 978-3-031-17859-7
3. Haiden, F.; **Katzarkov, L.**; Kontsevich, M.; Pandit, P., *Semistability, modular lattices, and iterated logarithms*, J. Differential Geom. 123 (2023), no. 1, 21–66. **IF: 2.5 (Q1)**
4. Dimitrov, George; **Katzarkov, Ludmil**, *Noncommutative counting invariants and curve complexes*, Int. Math. Res. Not. IMRN (2022), no. 17, 13317–13395. **IF: 1.0 (Q2)**
5. Borisov, Dennis; **Katzarkov, Ludmil**; Sheshmani, Artan, *Shifted symplectic structures on derived Quot-stacks I—Differential graded manifolds*, Adv. Math. 403 (2022), Paper No. 108369, 31 pp. **IF: 1.7 (Q1)**
6. **Katzarkov, Ludmil**; Pandit, Pranav; Spaide, Theodore, *Calabi-Yau structures, spherical functors, and shifted symplectic structures*, Adv. Math. 392 (2021), Paper No. 108037, 71 pp. **IF: 1.530 (Q1)**
7. **Katzarkov, Ludmil**; Lupercio, Ernesto; Meersseman, Laurent; Verjovsky, Alberto, *Quantum (non-commutative) toric geometry: foundations*, Adv. Math. 391 (2021), Paper No. 107945, 110 pp. **IF: 1.530 (Q1)**
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8. Fan, Yu-Wei; Filip, Simion; Haiden, Fabian; **Katzarkov, Ludmil**; Liu, Yijia, *On pseudo-Anosov autoequivalences*, Adv. Math. 384 (2021), Paper No. 107732, 37 pp. **IF: 1.530 (Q1)**
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11. Harder, Andrew; **Katzarkov, Ludmil**, *Perverse sheaves of categories and some applications*, Adv. Math. 352 (2019), 1155–1205. **IF: 1.494 (Q1)**
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12. Itenberg, Ilia; **Katzarkov, Ludmil**; Mikhalkin, Grigory; Zharkov, Ilia, *Tropical homology*, Math. Ann. 374 (2019), no. 1-2, 963–1006. **IF: 1.136 (Q2)**
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13. Dimitrov, George; **Katzarkov, Ludmil**, *Bridgeland stability conditions on wild Kronecker quivers*, Adv. Math. 352 (2019), 27–55. **IF: 1.494 (Q1)**
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14. Ballard, Matthew; Favero, David; **Katzarkov, Ludmil**, *Variation of geometric invariant theory quotients and derived categories*, J. Reine Angew. Math. 746 (2019), 235–303. **IF: 1.486 (Q1)**
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15. Blanc, Anthony; **Katzarkov, Ludmil**; Pandit, Pranav, *Generators in formal deformations of categories*, Compos. Math. 154 (2018), no. 10, 2055–2089. **IF: 1.301 (Q1)**
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