

Ari Laptev
PUBLICATIONS

Journals

80. (jointly with H.Kovarik and T. Ekholm), *Hardy inequalities for p -Laplacians with Robin boundary conditions*, submitted.
79. (jointly with Th. Hoffmann-Ostenhof), *Hardy inequalities with homogenous weights*, submitted.
78. (jointly with F.Gesztesy, M. Mitrea and S.Sukhtaev), *A bound for the eigenvalue counting function for higher-order Krein Laplacians on open sets*, accepted by the Proceedings of QMATH12, Berlin, 20.13
77. (jointly with A. Ilyin and S. Zelik), *Sharp interpolation inequalities for discrete operators and applications*, accepted by Bulletin of Mathematical Sciences (Springer).
76. (jointly with J. Dolbeault, M.J. Esteban and M. Loss), *One-dimensional Gagliardo-Nirenberg-Sobolev inequalities: Remarks on duality and flows*, J. Lond. Math. Soc., II. Ser. **90**, (2014) no. 2, 525-550..
75. (jointly with J. Dolbeault, M.J. Esteban and M. Loss), *Spectral properties of Schrödinger operators on compact manifolds: rigidity, flows, interpolation and spectral estimates*, C. R., Math., Acad. Sci. Paris **351**, (2013) no. 11-12, 437-440.
74. (jointly with P. Exner and M. Usman), *On some sharp spectral inequalities for Schrödinger operators on semi-axis*, Commun. Math. Phys. **326**, (2014) no. 2, 531-541.
73. (jointly with J. Dolbeault and M.J. Esteban), *Spectral estimates on the sphere*, Analysis & PDE, **7**, (2014) no. 2, 435-460.
72. (jointly with J.-C. Cuenin and C. Tretter), *Eigenvalue estimates for non-selfadjoint Dirac operators on the real line*, Ann. Henri Poincaré, **15**, (2014) no. 4, 707-736..
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63. (jointly with F. Avkhadiev), *On a sharp Hardy inequality for convex domains*, Around the research of Vladimir Maz'ya. I. Function Spaces. Dordrecht: Springer; International Mathematical Series (New York) **12**, (2010) 1-12.
62. Nina N. Uraltseva. *On the occasion of her 75th birthday*, Problems in mathematical analysis. no. 40. J. Math. Sci. (N. Y.) **159** (2009), no. 1, 1-3.
61. (jointly with O. Safronov), *Eigenvalue estimates for Schrödinger operators with complex potentials*, Comm. Math. Phys. **292** (2009), no. 1, 29-54.
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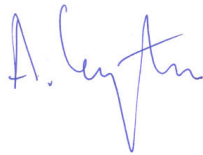
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A. Laptev