

Full List of Publications:

139. **Akhilesh Prasad** and P. Moond, Stockwell Transform Based on the Quadratic-Phase Hankel Transform, *Integral Transforms Spec. Funct.*, DOI: 10.1080/10652469.2026.2703798. (Taylor & Francis)/SCIE/Q2.
138. S. Ranjan, **Akhilesh Prasad** and U. K. Mandal, Sobolev-type spaces related to the μ th order Mehler-Fock transform, *J. Pseudo-Differ. Oper. Appl.*, **17** (2), Article number: 31, pp. 1-18, (2026). (Springer-Birkhauser)/SCIE/Q1.
137. R. K. Verma and **Akhilesh Prasad**, The infinite order integro-differential operators associated with Dunkl operator on $\mathbb{R}$, *Complex Anal. Oper. Theory*, **20** (3), Article number: 76, pp. 1-18, (2026). (Springer-Birkhauser)/SCIE/Q2.
136. S. Ranjan, **Akhilesh Prasad** and U. K. Mandal, Wavelet transform via μ th order Mehler-Fock transform, *Proc. Natl. Acad. Sci., Sect. A Phys. Sci.*, DOI: 10.1007/s40010-026-01127-w, (2026). (Springer)/SCIE/Q3.
135. **Akhilesh Prasad** and A. Kumar, Weyl transform associated with linear canonical wavelets, *J. Anal.*, **34** (4), pp. 2213-2230, (2026). (Springer) / ESCI/Q1.
134. J. S. Maan and **Akhilesh Prasad**, The Mehler-Fock-Clifford Transform Framework for Parseval-Goldstein and Abelian Theorems in Weighted Lebesgue Spaces, *Acta Sci. Math. (Szeged)*, DOI: 10.1007/s44146-026-00230-z (2026). (Springer) /ESCI/Q3.
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129. **Akhilesh Prasad**, U. K. Mandal and S. Ranjan, The μ^{th} order Mehler-Fock transform and allied pseudo-differential operator, *Integral Transforms Spec. Funct.*, **36** (3), pp. 163-175, (2025). (Taylor & Francis)/SCIE/Q2.
128. A. K. Gupt and **Akhilesh Prasad**, The Heat Kernel in the Framework of the Lebedev-Skalskaya Transform, *Appl. Anal.*, **104** (8), pp. 1597-1609 (2025). (Taylor & Francis)/SCIE/Q2
127. C. Roy, T. Kumar, **Akhilesh Prasad**, and G. K. Jha, Pseudo-differential operators associated with a pair of quadratic-phase Hankel transformations, *J. Pseudo-Differ. Oper. Appl.*, **16** (1), Article number: 05, pp. 1-26, (2025). (Springer-Birkhauser)/ SCIE/Q1.
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