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List of Publications (SCI/SCIE)

1. **Shweta**, Rahul Kumar Chaturvedi and L. P. Singh, Shock wave solution for the planar, cylindrically, and spherically symmetric flows of non-ideal relaxing gas, *Chinese Journal of Physics*, 80(2022): 118-126 (Elsevier).
2. **Shweta**, Rahul Kumar Chaturvedi, Shobhit Kumar Srivastava and L. P. Singh, Evolution of weak discontinuity waves in non-ideal interstellar environments, *Journal of Astrophysics and Astronomy*, 44(1), 49(2023): (Springer).
3. **Shweta**, Pradeep, Shobhit Kumar Srivastava and L. P. Singh, Evolution of shock waves in dusty nonideal gas flow with magnetic field, *Zeitschrift für Naturforschung A*, 79(6), 583-591 (2024) (De Gruyter).
4. **Shweta** and L.P. Singh, A self similar solution for imploding shocks in non-ideal gas with gravitational effects, (*Communicated*).
5. **Shweta** and L.P. Singh, A self similar solution for imploding shocks in non-ideal magnetogasdynamics with gravitational effects, (*Communicated*).