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Appendix A

List of Publications

Papers in International Journals

- [1] Sanjay Kumar Pandey, **Anupam Kumar Pandey**, A mathematical model of a two-layered flow in a catheterized oesophagus under the influence of peristaltic waves of dilating amplitude, **International Journal of Biomathematics** (2024) (under review).
- [2] Sanjay Kumar Pandey, **Anupam Kumar Pandey**, Flow in a catheterized exponentially diverging tube with a peripheral layer of different viscosity by means of peristaltic waves of dilating amplitude, **Journal of Biological Systems** 32(1) (2024) 251 - 269. <https://doi.org/10.1142/S0218339024500104>.
- [3] Sanjay Kumar Pandey, **Anupam Kumar Pandey**, Flow analysis of a two-layered micropolar fluid in a catheterized oesophageal tube under the influence of a dilating amplitude: Application to pre-diagnosis of oesophageal motility disorder, **Physica Scripta** 99(08) (2024) 085020. <https://doi.org/10.1088/1402-4896/ad5e03>
- [4] Sanjay Kumar Pandey, **Anupam Kumar Pandey**, Impact of dilating forcing amplitudes on peristaltically driven non-Newtonian fluid in an elastic tube: Application to swallowing disorder, **Zeitschrift fur Naturforschung A (ZNA)** 79(09) (2024). <https://doi.org/10.1515/zna-2024-0063>

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- [5] Sanjay Kumar Pandey, **Anupam Kumar Pandey**, A mathematical model of a two-layered flow in a balloon dilation catheterized oesophageal tube under the influence of peristaltic waves of dilating amplitude: Application to achalasia type swallowing disorder, (**communicated**).
