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PUBLICATION: Research Paper(International Journal)

1. **G. J. Rai**and P. Biswas, Polymer (Elsevier), 2017, 115,118, "Topology driven structural transition of dendrimers with a dimensional cross-over." (Impact Factor: **4.43**).

2. **G. J. Rai,** A. Kumar and P. Biswas, Journal of Rheology, 2016, 60,111, "Dynamics of Dendrimers with excluded volume: A comparison with experiments and simulations." (Impact Factor: **3.468**).

3. **G. J. Rai,** A. Kumar and P. Biswas, Journal of Chemical Physics, 2015, 142,174906, "Effect of excluded volume on the rheology and transport dynamics of randomly hyperbranched polymers." (Impact Factor: **3.48**).

4. **G. J. Rai,** A. Kumar and P. Biswas, Journal of Chemical Physics, 2014, 141,034902, "Intramolecular relaxation of flexible dendrimers with excluded volume." (Impact Factor: **3.48**).

5 A. Kumar, **G. J. Rai** and P. Biswas, Journal of Chemical Physics, 2013, 138,104902, "Conformation and intramolecular relaxation of semiflexible randomly hyperbranched polymers." (Impact Factor: **3.48**).

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