

1. P. Thirukumaran ,A. Shakila Parveen, ,K. Kumudha,M. Sarojadevi,, " Synthesis and characterization of new polybenzoxazines from renewable resources for biocomposite applications, (Impact factor - 2.268)", Polymer composites, published by Wiley. Vol. 37, Issue 6, pp. 1821-1829 (2016). ^[1]_{SEP}

^[1]_{SEP}

2. Balaji Sadhasivam and Sarojadevi Muthusamy, " Thermal and dielectric properties of newly developed L-tryptophan-based optically active polyimide and its POSS nanocomposites (Impact factor : 1.528)", Designed Monomers and Polymers , published by Tailor and Fransis. Vol. 19, Issue 3, pp. 236-247 (2016).

^[1]_{SEP}

3. Kumadha, K.; Sarojadevi, M., " Studies on novel triphthalonitrile phenyl polyhedral oligomeric silsesquioxane and the phthalonitrile epoxy blends (Impact factor : 1.045)", High Performance Polymers , published by Sage Publications. Vol. 28, Issue 3, pp. 296-308 (2016). ^[1]_{SEP}

4. Balasubramanian, R.; Kumutha, K.; Sarojadevi, M., " Mechanical, thermal and electrical properties of polyimides containing 1, 2, 3-triazole ring prepared by click reaction (Impact factor : 1.371)", Polymer Bulletin, published by Springer. Vol. 73, Issue 2, pp. 309 - 330 (2016). ^[1]_{SEP}

5. Fathima Rigana, M.; Thirukumaran, p.; Shanthi, K.; Sarojadevi, M., " Synthesis and characterization of hyperbranched polyether imides based on 1,3,5-tris[4-aminophenoxy]phenoxy]benzene (Impact factor: 3.289)", RSC Advances, published by Royal Society of chemistry. Vol. 6, Issue 40, pp. 33249-33258 (2016).

^[1]_{SEP}

6. Thirukumaran, P.; Sathiyamoorthi, R.; Shakila Parveen, A.; Sarojadevi, M., " New benzoxazines from renewable resources for green composite applications (Impact factor : 2.268)", Polymer Composites , published by Wiley. Vol. 37, Issue 2, pp. 573-582 (2016). ^[1]_{SEP}

7. Govindaraj, B.; Sarojadevi, M., " Microwave Assisted Synthesis and Characterization of Polyimide/Functionalized MWCNT Nanocomposites containing Quinoyl Moiety (Impact factor : 2.268)", Polymer Composites , published by John Wiley and sons Limited. Vol. 37, Issue 8, pp. 2417-2424 (2016).

^[1]_{SEP}

8. Balasubramanian R., Fathima Rigana M., Balaji S., Selvamani A. and Sarojadevi M., " New polytriazoleimides containing green synthesized titanium

dioxide using Artemisia pallens plant extract: optical, dielectric, thermal and mechanical properties (Impact factor : 3.277)", New Journal of Chemistry, published by Royal Society of chemistry. Vol. 41, Issue 7, pp. 2815 (2017). ^[L]_{SEP}

9. C. P. Sakthidharan , Pudupadi R. Sundararajan and Muthusamy Sarojadevi, " Thermal and mechanical properties of epoxy blends with a dicyanate ester containing a quinoline moiety .(Impact factor : 3.277)", New Journal of Chemistry , published by Royal society of chemistry. Vol. 42, pp. 11202-11212 (2018). ^[L]_{SEP}

10. Sadhasivam Balaji, Rukmanikrishnan Balasubramanian, Fathima Rigana, M. Muthusamy Sarojadevi, " Influence of graphene oxide on thermal, electrical, and morphological properties of new achiral polyimide (Impact factor – 1.92)", Polymer Engineering and Science , published by John Wiley & Sons Inc. Vol. 58, Issue 5, pp. 691-700 (2018). ^[L]_{SEP}

11. Balasubramanian Rukmanikrishnan, Sarojadevi Muthusamy, " Preparation and Properties of Polyimides Containing 1,2,3-Triazole Moieties (Impact factor : 2.663)", Advances in Polymer Technology , published by Wiley. Vol. 37, Issue 1, pp. 21641 (2018). ^[L]_{SEP}

12. Balasubramani Govindaraj, Muthusamy Sarojadevi, " Microwave assisted synthesis of nanocomposites from polyimides chemically crosslinked with functionalized carbon nanotubes for aerospace applications (Impact factor : 2.137)", Polymers for Advanced Technologies , published by Wiley. Vol. 29, Issue 6, pp. 1718-1726 (2018). ^[L]_{SEP}

13. Kumudha Kaliavaradhan, Balasubramanian Rukmanikrishnan, Sarojadevi Muthusamy,, " Investigation of the effect of graphene oxide on the properties of epoxy-phthalonitrile nanocomposites (Impact factor : 2.663)", Advances in Polymer Technology , published by Wiley. Vol. 37, Issue 5, pp. 21785 (2018). ^[L]_{SEP}

14. Rukmanikrishnan Balasubramanian, Mohamed Ismail Fathima Rigana, Periyasamy Thirukumaran, Raji Atchudan, Muthusamy Sarojadevi, Jaewoong Lee, " Synthesis and properties of polytriazoleimide containing anthracene, pyridine and triazole groups and their nanocomposites with titanium dioxide (Impact factor – 1.92)", Polymer Engineering and Science , published by John Wiley & Sons Inc. Vol. 59, Issue 1, pp. 129-138 (2019). ^[L]_{SEP}

15. M. Fathima Rigana , R. Balasubramanian , S. Balaji , M. Sarojadevi, " Synthesis and Characterization of Hyperbranched Poly(Ether Sulfone)Imides and MWCNTs-COOH/NH₂ Nanocomposites ((Impact factor – 2.268)", Polymer Composites , published by Wiley. Vol. 40, Issue 2, pp. 600-614 (2019). ^[L]_{SEP}

