# Aravinthan Gopanna

List of Publications by Year
in descending order

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|---|---|---|---|
| 11<br>papers | 260<br>citations | 1683934<br>5<br>h-index | 1588896<br>8<br>g-index |
| 11<br>all docs | 11<br>docs citations | 11<br>times ranked | 321<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Fourier transform infrared spectroscopy (FTIR), Raman spectroscopy and wide-angle X-ray scattering (WAXS) of polypropylene (PP)/cyclic olefin copolymer (COC) blends for qualitative and quantitative analysis. Polymer Bulletin, 2019, 76, 4259-4274. | 1.7 | 106 |
| 2 | Blends of poly(ethylene terephthalate) and poly(butylene terephthalate). Journal of Applied Polymer Science, 2005, 98, 75-82. | 1.3 | 40 |
| 3 | Polyethylene and polypropylene matrix composites for biomedical applications. , 2019, , 175-216. | | 32 |
| 4 | Investigation of mechanical, dynamic mechanical, rheological and morphological properties of blends based on polypropylene (PP) and cyclic olefin copolymer (COC). European Polymer Journal, 2018, 108, 439-451. | 2.6 | 24 |
| 5 | Rheology, mechanical properties and thermal degradation kinetics of polypropylene (PP) and polylactic acid (PLA) blends. Materials Research Express, 2018, 5, 085304. | 0.8 | 19 |
| 6 | Dielectric analysis of polypropylene (PP) and polylactic acid (PLA) blends reinforced with halloysite nanotubes. Journal of Thermoplastic Composite Materials, 2018, 31, 1042-1053. | 2.6 | 13 |
| 7 | A Project Based Learning (PBL) Approach Involving PET Recycling in Chemical Engineering Education. Recycling, 2019, 4, 10. | 2.3 | 9 |
| 8 | Halloysite nanotubes (HNT) as reinforcement for compatibilized blends of polypropylene (PP) and polylactic acid (PLA). Journal of Polymer Research, 2021, 28, 1. | 1.2 | 8 |
| 9 | Polyurethane Nanostructures for Drug Delivery Applications. , 2017, , 299-319. | | 4 |
| 10 | The rheological behaviour and thermal ageing characteristics of PP/MWCNT/glass fibre multiscale composites. Polymers and Polymer Composites, 2021, 29, S188-S198. | 1.0 | 3 |
| 11 | Effect of hot climate of Saudi Arabia on physical and mechanical properties of single use polypropylene packaging films. Journal of Applied Hematology, 0, , . | 0.1 | 2 |