Aravinthan Gopanna

List of Publications by Citations

10 papers	137 citations	6 h-index	11 g-index
11 ext. papers	201 ext. citations	2.3 avg, IF	2.88 L-index

#	Paper	IF	Citations
10	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	2.4	46
9	Blends of poly(ethylene terephthalate) and poly(butylene terephthalate). *Journal of Applied Polymer Science*, **2005**, 98, 75-82	2.9	30
8	Polyethylene and polypropylene matrix composites for biomedical applications **2019**, 175-216		18
7	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	5.2	13
6	Rheology, mechanical properties and thermal degradation kinetics of polypropylene (PP) and polylactic acid (PLA) blends. *Materials Research Express*, **2018**, 5, 085304	1.7	12
5	Dielectric analysis of polypropylene (PP) and polylactic acid (PLA) blends reinforced with halloysite nanotubes. *Journal of Thermoplastic Composite Materials*, **2018**, 31, 1042-1053	1.9	10
4	Polyurethane Nanostructures for Drug Delivery Applications **2017**, 299-319		2
3	A Project Based Learning (PBL) Approach Involving PET Recycling in Chemical Engineering Education. *Recycling*, **2019**, 4, 10	3.2	2
2	Halloysite nanotubes (HNT) as reinforcement for compatibilized blends of polypropylene (PP) and polylactic acid (PLA). *Journal of Polymer Research*, **2021**, 28, 1	2.7	2
1	The rheological behaviour and thermal ageing characteristics of PP/MWCNT/glass fibre multiscale composites. *Polymers and Polymer Composites*,096739112199290	0.8	1