# Mohammad Barmar

List of Publications by Year
in descending order



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|---|---|---|---|
| 37 papers | 736 citations | 516215 16 h-index | 552369 26 g-index |
| 37 all docs | 37 docs citations | 37 times ranked | 883 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Improving the Sound Absorption Properties of Flexible Polyurethane (PU) Foam using Nanofibers and Nanoparticles. Sound and Vibration, 2019, 53, 207-222. | 0.2 | 2 |
| 2 | Rheological and electrical percolation thresholds of multiâ€walled carbon nanotube/inâ€situ polymerised Nylon12Ânanocomposites. Micro and Nano Letters, 2018, 13, 1594-1599. | 0.6 | 1 |
| 3 | The effect of MWCNT on dynamic mechanical properties and crystallinity of in situ polymerized polyamide 12 nanocomposite. Polymers for Advanced Technologies, 2018, 29, 2134-2146. | 1.6 | 7 |
| 4 | Polyamide/Carbon Nanoparticles Nanocomposites: A Review. Polymer Engineering and Science, 2017, 57, 475-494. | 1.5 | 45 |
| 5 | Polyurethane/aminoâ€grafted multiwalled carbon nanotube nanocomposites: Microstructure, thermal, mechanical, and rheological properties. Journal of Applied Polymer Science, 2017, 134, . | 1.3 | 12 |
| 6 | New Sulfonated Waterborne Polyurethane Dispersions: Preparation and Characterization. Journal of Dispersion Science and Technology, 2016, 37, 1219-1225. | 1.3 | 12 |
| 7 | Synthesis and characterization of polyhedral oligomeric silsesquioxane-based waterborne polyurethane nanocomposites. Korean Journal of Chemical Engineering, 2016, 33, 319-329. | 1.2 | 9 |
| 8 | Study of thermal stability and degradation kinetics of polyurethaneâ€“ureas by thermogravimetry. Iranian Polymer Journal (English Edition), 2015, 24, 783-789. | 1.3 | 12 |
| 9 | Synthesis, characterization and properties of waterborne polyurethanes based on two different ionic centers. Fibers and Polymers, 2015, 16, 718-725. | 1.1 | 28 |
| 10 | Synthesis and investigation of thermal and mechanical properties of in situ prepared biocompatible Fe3O4/polyurethane elastomer nanocomposites. Polymer Bulletin, 2015, 72, 219-234. | 1.7 | 39 |
| 11 | Effect of organo-clay on properties and mechanical behavior of Fluorosilicone rubber. Fibers and Polymers, 2014, 15, 2376-2385. | 1.1 | 26 |
| 12 | An Investigation into the Effects of Different Nanoclays on Polyurethane Nanocomposites Properties. Polymer-Plastics Technology and Engineering, 2014, 53, 801-810. | 1.9 | 14 |
| 13 | A simple approach for morphology tailoring of alginate particles by manipulation ionic nature of polyurethanes. International Journal of Biological Macromolecules, 2014, 66, 212-220. | 3.6 | 23 |
| 14 | Siloxaneâ€based segmented poly(urethaneâ€urea) elastomer: Synthesis and characterization. Journal of Applied Polymer Science, 2013, 130, 1743-1751. | 1.3 | 24 |
| 15 | Effect of surface modification of Fe3O4 nanoparticles on thermal and mechanical properties of magnetic polyurethane elastomer nanocomposites. Journal of Materials Science, 2013, 48, 7493-7502. | 1.7 | 73 |
| 16 | Modification of dicyandiamide-cured epoxy resin with different molecular weights of polyethylene glycol and its effect on epoxy/glass prepreg characteristics. High Performance Polymers, 2013, 25, 705-713. | 0.8 | 17 |
| 17 | Highly stretchable nanoalginate based polyurethane elastomers. Carbohydrate Polymers, 2013, 95, 630-636. | 5.1 | 27 |
| 18 | Compatible compositions based on aqueous polyurethane dispersions and sodium alginate. Carbohydrate Polymers, 2013, 92, 490-496. | 5.1 | 73 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Study of the simultaneous effects of MMT nanoclay and hydrophobically modified ethoxylated urethane (HEUR) on viscoelastic and steady shear properties of water-based acrylic resins. Journal of Coatings Technology Research, 2013, 10, 727-731. | 1.2 | 1 |
| 20 | Study on thermal stability of polyurethane-urea based on polysiloxane and polycaprolactone diols. Korean Journal of Chemical Engineering, 2013, 30, 2093-2099. | 1.2 | 14 |
| 21 | Effect of polyol structure on the properties of the resultant magnetic polyurethane elastomer nanocomposites. Polymers for Advanced Technologies, 2013, 24, 978-985. | 1.6 | 29 |
| 22 | Isocyanate Modification of Wood Fiber in Enhancing the Performance of its Composites with High Density Polyethylene. Polymers From Renewable Resources, 2012, 3, 43-60. | 0.8 | 7 |
| 23 | Effect of NBR on epoxy/glass prepregs properties. Journal of Applied Polymer Science, 2012, 123, 1597-1603. | 1.3 | 10 |
| 24 | Investigating the Uni-HEUR thickener performance considering hydrophilic segment length. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2010, 364, 105-108. | 2.3 | 17 |
| 25 | A Comparison of the Effect of Different Flame Retardants on the Compressive Strength and Fire Behaviour of Rigid Polyurethane Foams. Frontiers in Forests and Global Change, 2010, 29, 343-358. | 0.6 | 13 |
| 26 | Investigation of the Thickening Efficiency of HEUR on the Behavior of Two Different Latex Types. International Polymer Processing, 2009, 24, 218-222. | 0.3 | 4 |
| 27 | Study of the effect of PEG length in Uniâ€HEUR thickener behavior. Journal of Applied Polymer Science, 2009, 111, 1751-1754. | 1.3 | 14 |
| 28 | XRD studies of UV-irradiated chitin based polyurethane elastomers. Carbohydrate Polymers, 2009, 77, 54-58. | 5.1 | 29 |
| 29 | Surface characteristics of polyurethane elastomers based on chitin/1,4-butane diol blends. International Journal of Biological Macromolecules, 2009, 44, 182-185. | 3.6 | 37 |
| 30 | Effectiveness of heat protection of fabrics loaded with phase change materials. E-Polymers, 2009, 9, . | 1.3 | 0 |
| 31 | Micro and nano fibrils from polypropylene/nylon 6 blends. Journal of Applied Polymer Science, 2008, 108, 1473-1481. | 1.3 | 8 |
| 32 | Influence of a Reactive Organoclay on Polymerization and Properties of Polyurethane Nanocomposites. Polymer-Plastics Technology and Engineering, 2008, 48, 90-96. | 1.9 | 8 |
| 33 | Rheological Behavior of HEUR Mixtures in Aqueous Media. International Polymer Processing, 2007, 22, 146-150. | 0.3 | 2 |
| 34 | Investigating the effect of hydrophobic structural parameters on the thickening properties of HEUR associative copolymers. European Polymer Journal, 2005, 41, 619-626. | 2.6 | 20 |
| 35 | Steady shear viscosity study of various HEUR models with different hydrophilic and hydrophobic sizes. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2005, 253, 77-82. | 2.3 | 19 |
| 36 | The steady state and dynamic rheological properties of telechelic associative polymer solutions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2005, 254, 125-130. | 2.3 | 22 |

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|---|---|---|---|
| 37 | Influence of prepolymers molecular weight on the viscoelastic properties of aqueous HEUR solutions. Colloid and Polymer Science, 2004, 282, 454-460. | 1.0 | 38 |