# Haydar U Zaman

List of Publications by Year
in descending order



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|---|---|---|---|
| 49 papers | 759 citations | 566801 15 h-index | 580395 25 g-index |
| 49 all docs | 49 docs citations | 49 times ranked | 823 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The improvement of physicomechanical, flame retardant, and thermal properties of lignocellulosic material filled polymer composites. Journal of Thermoplastic Composite Materials, 2023, 36, 1034-1050. | 2.6 | 2 |
| 2 | Effect of fiber surface modifications on the properties of snake grass fiber reinforced polypropylene bio-composites. Journal of Adhesion Science and Technology, 2022, 36, 1439-1457. | 1.4 | 6 |
| 3 | Acetylation used for natural fiber/polymer composites. Journal of Thermoplastic Composite Materials, 2021, 34, 3-23. | 2.6 | 36 |
| 4 | Banana fiber strandsâ€“reinforced polymer matrix composites. Composite Interfaces, 2016, 23, 281-295. | 1.3 | 16 |
| 5 | Environmentally degradable sago starch filled low-density polyethylene. Journal of Polymer Engineering, 2015, 35, 551-563. | 0.6 | 4 |
| 6 | Effects of different starch types on the physico-mechanical and morphological properties of low density polyethylene composites. Journal of Polymer Engineering, 2015, 35, 793-804. | 0.6 | 10 |
| 7 | Preparation, structure, and properties of the coir fiber/polypropylene composites. Journal of Composite Materials, 2014, 48, 3293-3301. | 1.2 | 54 |
| 8 | Preparation and properties of coir fiber-reinforced ethylene glycol dimethacrylate-based composite. Journal of Thermoplastic Composite Materials, 2014, 27, 35-51. | 2.6 | 13 |
| 9 | Influence of two novel compatibilizers on the properties of LDPE/organoclay nanocomposites. Journal of Polymer Engineering, 2014, 34, 75-83. | 0.6 | 4 |
| 10 | Effect of coir fiber content and compatibilizer on the properties of unidirectional coir fiber/polypropylene composites. Fibers and Polymers, 2014, 15, 831-838. | 1.1 | 16 |
| 11 | Effect of CaCO3 contents on the properties of polyethylene nanocomposites sheets. Fibers and Polymers, 2014, 15, 839-846. | 1.1 | 16 |
| 12 | Effect of nano-CaCO<sub>3</sub> on the mechanical and crystallization behavior of HDPE/LDPE/nano-CaCO<sub>3</sub> ternary blend. Journal of Thermoplastic Composite Materials, 2014, 27, 1701-1710. | 2.6 | 11 |
| 13 | Modification and characterization of photo-cured sodium alginate film with ethylene glycol: effect of additives. Polymer Bulletin, 2013, 70, 181-194. | 1.7 | 3 |
| 14 | Banana fiber-reinforced polypropylene composites: A study of the physico-mechanical properties. Fibers and Polymers, 2013, 14, 121-126. | 1.1 | 24 |
| 15 | Physico-mechanical and degradation properties of biodegradable photografted coir fiber with acrylic monomers. Polymer Bulletin, 2013, 70, 2277-2290. | 1.7 | 10 |
| 16 | Preparation and properties of sodium alginate films. Journal of Polymer Engineering, 2013, 33, 829-836. | 0.6 | 3 |
| 17 | Modification of gelatin films using 2-ethylhexyl acrylate by gamma radiation. Journal of Thermoplastic Composite Materials, 2013, 26, 795-808. | 2.6 | 3 |
| 18 | Comparison of mechanical and degradation properties of EG and EGDMA grafted gelatin films. Journal of Adhesion Science and Technology, 2013, 27, 413-422. | 1.4 | 6 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | A comparative study of gamma and ultraviolet radiation on gelatin film with 2-ethylhexyl acrylate. Journal of Adhesion Science and Technology, 2013, 27, 2653-2665. | 1.4 | 7 |
| 20 | Gamma-irradiated jute/polypropylene composites by extrusion molding. Composite Interfaces, 2013, 20, 93-105. | 1.3 | 15 |
| 21 | Improvement of physicomechanical properties of grafted coir fiber with ethyleneglycol dimethacrylate: effect of UV radiation. Journal of Polymer Engineering, 2012, 32, . | 0.6 | 1 |
| 22 | Physico-Mechanical, Interfacial, Degradation, and Dielectric Properties of Jute/PP Composites: Effect of Dye and Gamma Radiation. International Journal of Polymeric Materials and Polymeric Biomaterials, 2012, 61, 596-610. | 1.8 | 7 |
| 23 | Studies of the Physico-Mechanical, Interfacial, and Degradation Properties of Jute Fabrics/Melamine Composites. International Journal of Polymeric Materials and Polymeric Biomaterials, 2012, 61, 748-758. | 1.8 | 6 |
| 24 | Comparative experimental studies on the mechanical and degradation properties of natural fibers reinforced polypropylene composites. Composite Interfaces, 2012, 19, 59-70. | 1.3 | 8 |
| 25 | Effect of gamma radiation and bulk monomer on jute fabrics polyethylene/polyvinyl chloride composites. Journal of Polymer Engineering, 2012, 32, 301-309. | 0.6 | 13 |
| 26 | Comparative experimental measurements of jute fiber/polypropylene and coir fiber/polypropylene composites as ionizing radiation. Polymer Composites, 2012, 33, 1077-1084. | 2.3 | 29 |
| 27 | Effect of nonionizing radiation on the physicomechanical properties of banana fiber/pp composites with HEMA. Polymer Composites, 2012, 33, 1424-1431. | 2.3 | 6 |
| 28 | Effect of ionizing and non-ionizing preirradiations on physico-mechanical properties of coir fiber grafting with methylacrylate. Fibers and Polymers, 2012, 13, 593-599. | 1.1 | 9 |
| 29 | Surface Modification of Jute Fabrics Using Acrylic Monomers: Effect of Additives. International Journal of Polymeric Materials and Polymeric Biomaterials, 2011, 60, 754-765. | 1.8 | 13 |
| 30 | A Comparative Study on the Mechanical, Degradation and Interfacial Properties of Jute/LLDPE and Jute/Natural Rubber Composites. International Journal of Polymeric Materials and Polymeric Biomaterials, 2011, 60, 303-315. | 1.8 | 23 |
| 31 | Fabrication and Mechanical Characterization of Jute Fiber-Reinforced Melamine Matrix Composite. Polymer-Plastics Technology and Engineering, 2011, 50, 147-152. | 1.9 | 12 |
| 32 | Physico-mechanical properties of wound dressing material and its biomedical application. Journal of the Mechanical Behavior of Biomedical Materials, 2011, 4, 1369-1375. | 1.5 | 86 |
| 33 | Effect of chemical modifications on the performance of biodegradable photocured coir fiber. Fibers and Polymers, 2011, 12, 727-733. | 1.1 | 10 |
| 34 | A comparative study on the mechanical and degradation properties of plant fibers reinforced polyethylene composites. Polymer Composites, 2011, 32, 1552-1560. | 2.3 | 12 |
| 35 | Role of gamma radiation and EGDMA on the physicoâ€“mechanical properties of jute fabrics/polypropylene composites. Polymer Composites, 2011, 32, 1888-1894. | 2.3 | 4 |
| 36 | Fabrication and Mechanical Characterization of Jute Fabrics: Reinforced Polyvinyl Chloride/Polypropylene Hybrid Composites. International Journal of Polymeric Materials and Polymeric Biomaterials, 2011, 60, 576-590. | 1.8 | 28 |

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|---|---|---|---|
| 37 | Effect of Ultraviolet Radiation and Potassium Permanganate on the Physico-Mechanical Properties of Jute Polymer Composites. Polymer-Plastics Technology and Engineering, 2011, 50, 651-659. | 1.9 | 11 |
| 38 | Preparation and Characterization of Gelatin-Based PVA Film: Effect of Gamma Irradiation. International Journal of Polymeric Materials and Polymeric Biomaterials, 2011, 60, 1056-1069. | 1.8 | 26 |
| 39 | Physico-Mechanical and Degradation Properties of Banana Fiber/LDPE Composites: Effect of Acrylic Monomer and Starch. Composite Interfaces, 2011, 18, 685-700. | 1.3 | 29 |
| 40 | Preparation and characterization of jute fabrics reinforced urethane based thermoset composites: Effect of UV radiation. Fibers and Polymers, 2010, 11, 258-265. | 1.1 | 11 |
| 41 | Mechanical and electrical properties of photocured jute fabric with 2-hydroxy ethylacrylate. Fibers and Polymers, 2010, 11, 391-397. | 1.1 | 8 |
| 42 | Role of potassium permanganate and urea on the improvement of the mechanical properties of jute polypropylene composites. Fibers and Polymers, 2010, 11, 455-463. | 1.1 | 59 |
| 43 | Preparation of selective ion adsorbent by photo curing with acrylic and phosphoric acid on jute yarn. Fibers and Polymers, 2010, 11, 832-837. | 1.1 | 3 |
| 44 | A Comparative Study between Gamma and UV Radiation of Jute fabrics/Polypropylene Composites: Effect of Starch. Journal of Reinforced Plastics and Composites, 2010, 29, 1930-1939. | 1.6 | 32 |
| 45 | Study on the Mechanical and Thermal Properties of Jute-Reinforced Methyl Acrylate Grafted PET Composites. Polymer-Plastics Technology and Engineering, 2010, 49, 373-380. | 1.9 | 8 |
| 46 | Preparation of Selective Ion Adsorbent by Photo-Curing of HEMA and Phosphoric Acid on PET Yarn. Polymer-Plastics Technology and Engineering, 2010, 49, 567-572. | 1.9 | 3 |
| 47 | Thermomechanical and Interfacial Properties of Calcium Alginate Fiber-Reinforced Polypropylene Composites. Polymer-Plastics Technology and Engineering, 2010, 49, 325-331. | 1.9 | 2 |
| 48 | Effect of the Incorporation of PVC on the Mechanical Properties of the Jute-Reinforced LLDPE Composite. Polymer-Plastics Technology and Engineering, 2010, 49, 707-712. | 1.9 | 21 |
| 49 | Improvement of Mechanical Properties of Jute Fibers-Polyethylene/Polypropylene Composites: Effect of Green Dye and UV Radiation. Polymer-Plastics Technology and Engineering, 2009, 48, 1130-1138. | 1.9 | 20 |