









- component", Materials Science and Engineering C 32 (2012) 2508–2515.
- [13] Sami A. Ajeel a, Khalid A. Sukkar b, Naser K. Zedin, "Chemical Extraction Process for Producing High Purity Nanosilica from Iraqi Rice Husk", Engineering and Technology Journal Vol. 39, Part A (2021), No. 01, Pages 56-63.
- [14] Karim Missoum, Mohamed Naceur Belgacem and Julien Bras, "Nanofibrillated Cellulose Surface Modification: A Review", Materials 2013, 6, 1745-1766; doi:10.3390/ma6051745.
- [15] Huu Dat Nguyen, Thi Thanh Thuy Mai, Ngoc Bich Nguyen, Thanh Duy Dang, My Loan Phung Le, Tan Tai Dang and Van Man Tran, "A novel method for preparing microfibrillated cellulose from bamboo fibers", Adv. Nat. Sci.: Nanosci. Nanotechnol. 4 (2013) 015016, (9pp), doi:10.1088/2043-6262/4/1/015016
- [16] M. Nuruddin, A. Chowdhury, S. A. Haque, M. Rahman, S. F. Farhad, M. Sarwar Jahan and A. Quaiyyum, "Extraction and Characterization of Cellulose Microfibrils from Agricultural Wastes in an Integrated Biorefinery Initiative", Cellulose Chem. Technol., 45 (5-6), 347-354 (2011).
- [17] Li, M.; Wang, L.J.; Li, D.; Cheng, Y.L.; Adhikari, B. Preparation and characterization of cellulose nanofibers from de-pectinated sugar beet pulp. Carbohydr. Polym. 2014, 102, 136–143. [CrossRef].
- [18] Abe, K.; Iwamoto, S.; Yano, H. Obtaining cellulose nanofibers with a uniform width of 15 nm from wood. Biomacromolecules 2007, 8, 3276–3278. [CrossRef].
- [19] Alemdar, A.; Sain, M. Isolation and characterization of nanofibers from agricultural residues—Wheat straw and soy hulls. Bioresour. Technol. 2008, 99, 1664–1671. [CrossRef].
- [20] Chen, W.; Abe, K.; Uetani, K.; Yu, H.; Liu, Y.; Yano, H. Individual cotton cellulose nanofibers: Pre-treatment and fibrillation technique. Cellulose 2014, 21, 1517–1528. [CrossRef].
- [21] Fortunati, E.; Luzi, F.; Jiménez, A.; Gopakumar, D.A.; Puglia, D.; Thomas, S.; Kenny, J.M.; Chiralt, A.; Torre, L. Revalorization of sunflower stalks as novel sources of cellulose nanofibrils and nanocrystals and their effect on wheat gluten bionanocomposite properties. Carbohydr. Polym. 2016, 149, 357–368. [CrossRef] [PubMed].
- [22] Uetani, K.; Yano, H. Nanofibrillation of wood pulp using a high-speed blender. Biomacromolecules 2010, 12, 348–353. [CrossRef] [PubMed].
- [23] Lin, K.Y.A.; Heish, Y.T.; Tsai, T.Y.; Huang, C.F. TEMPO-oxidized pulp as an efficient and recyclable sorbent to remove paraquat from water. Cellulose 2015, 22, 3261–3274. [CrossRef].
- [24] Huang, C.F.; Chen, J.K.; Tsai, T.Y.; Hsieh, Y.A.; Lin, K.Y.A. Dual-functionalized cellulose nanofibrils prepared through TEMPO-mediated oxidation and surface-initiated ATRP. Polymer 2015, 72, 395–405. [CrossRef].
- [25] Saito, T.; Isogai, A. TEMPO-mediated oxidation of native cellulose. The effect of oxidation conditions on chemical and crystal structures of the water-insoluble fractions. Biomacromolecules 2004, 5, 1983–1989. [CrossRef].
- [26] Md. Nuruddin, Alfred Tcherbi-Narteh, Mahesh Hosur, Reaz A Chowdhury, S. Jeelani, Peter Gichuhi." Cellulose Microfibrils Extracted from Wheat Straw: A Novel Approach" Society of the Advancement of Material and Process Engineering with permission, 21-24, 2013.