





















- 18) Khan A, Rashid A, Younas R, Chong R., A chemical reduction approach to the synthesis of copper nanoparticles. *International Nano Letters*, 2016; 6(1):21-6.
- 19) Saddik MS, Alsharif FM, El-Mokhtar MA, Al-Hakkani MF, El-Mahdy MM, Farghaly HS, Abou-Taleb HA., Biosynthesis, characterization, and wound-healing activity of phenytoin-loaded copper nanoparticles. *AAPS PharmSciTech*, 2020; 21(5):1-2.
- 20) Jiang Y, Guan C, Liu X, Wang Y, Zuo H, Xia T, Xu P, Ouyang J., Doxorubicin-Loaded CuS Nanoparticles Conjugated with GFLG: A Novel Drug Delivery System for Lymphoma Treatment. *Nano*, 2019;14(01):1950013.
- 21) Zhang QL, Yang ZM, Ding BJ, Lan XZ, Guo YJ., Preparation of copper nanoparticles by chemical reduction method using potassium borohydride. *Transactions of Nonferrous Metals Society of China*, 2010; 20: s240-4.
- 22) Zhu H, Zhang C, Yin Y., Novel synthesis of copper nanoparticles: influence of the synthesis conditions on the particle size. *Nanotechnology*, 2005;16(12):3079.
- 23) Park BK, Jeong S, Kim D, Moon J, Lim S, Kim JS., Synthesis and size control of monodisperse copper nanoparticles by polyol method. *Journal of colloid and interface science*, 2007; 311(2):417-24.
- 24) Ramyadevi J, Jeyasubramanian K, Marikani A, Rajakumar G, Rahuman AA., Synthesis and antimicrobial activity of copper nanoparticles. *Materials letters*, 2012; 71:114-116.
- 25) Hyo-jeoung lee, guimme lee, Na Ri Jang, jung hyun yun, jae yong song, beaom soo kim., Biological synthesis of copper nanoparticles using plant extract. *NSTI-Nanotech*, 2011; 1: 371-374.
- 26) Satyvaldiev AS, Zhasnakunov ZK, Omurzak E, Doolotkeldieva TD, Bobusheva ST, Orozmatova GT, Kelgenbaeva Z., Copper nanoparticles: synthesis and biological activity. *Materials Science and Engineering*, 2018; 302(1): 012075
- 27) Musa A, Ahmad MB, Hussein MZ, Saiman MI, Sani HA., Preparation, characterization and catalytic activity of biomaterial-supported copper nanoparticles. *Research on Chemical Intermediates*, 2017; 43(2):801-15.
- 28) Khan AK, Rashid R, Murtaza G, Zahra AJ, Gold nanoparticles: synthesis and applications in drug delivery. *Tropical journal of pharmaceutical research*, 2014; 13(7):1169-77.
- 29) Beyene HD, Werkneh AA, Bezabh HK, Ambaye TG, Synthesis paradigm and applications of silver nanoparticles (AgNPs), a review. *Sustainable materials and technologies*, 2017; 1:18-23.
- 30) Huber DL, Synthesis, properties, and applications of iron nanoparticles. *Small*. 2005; 1(5):482-501.
- 31) Sirelkhatim A, Mahmud S, Seeni A, Kaus NH, Ann LC, Bakhori SK, Hasan H, Mohamad D., Review on zinc oxide nanoparticles: antibacterial activity and toxicity mechanism. *Nano-micro letters*, 2015 ;7(3):219-42.
- 32) Kumar H, Venkatesh N, Bhowmik H, Kuila A., Metallic nanoparticle: a review. *Biomedical Journal of Scientific & Technical Research*, 2018; 4(2):3765-75.
- 33) Kumar V, Tiwari B, RNP C., Investigation on the Synthesis and Chemical Properties of Nanomaterials. *International Research Journal on Advanced Science Hub.*, 2021;2(12):41-7.
- 34) Fokunang C, Fokunang ET, Frederick K, Ngameni B, Ngadjui B., Overview of non-steroidal anti-inflammatory drugs (nsaids) in resource limited countries. *Moj Toxicol*, 2018;4(1):5-13