This paper discusses critically some of the major processes that are likely to be involved in wear and to ask questions that might generate useful and creative responses. For simplicity wear processes are divided into three groups. The first type is that in which wear arises primarily from adhesion between the sliding surfaces; the second is that deriving primarily from nonadhesive processes; and the third is that very broad class in which there is interaction between the adhesive and nonadhesive processes to produce a type of wear that seems to have characteristics of its own. The paper deals with metals, polymers, and ceramics and concludes with the view that, on account of the complex interaction of various wear mechanisms, the constant challenge to predict the wear of any given system, based on material properties, is unlikely to be surmounted for many years to come.
Synthesis and Characterization of Carboxymethyl Chitosan Based Hybrid Biopolymer Scaffold
International Conference on Mechanical and Electrical Technology, 3rd, [ICMET-China 2011], Volumes 1-3

Hydrogen Compatibility of Polymers for Infrastructure Applications: Friction and Wear
International Hydrogen Conference (IHC 2016): Materials Performance in Hydrogen Environments
Wear is the damaging, gradual removal or deformation of material at solid surfaces. Causes of wear can be mechanical (e.g., erosion) or chemical (e.g., corrosion). The study of wear and related processes is referred to as tribology. Wear in machine elements, together with other processes such as fatigue and creep, causes functional surfaces to degrade, eventually leading to material failure or loss of functionality. Thus, wear has large economic relevance as first outlined in the Jost Report. Abrasive Tools: Aland, Synopsis Quattuor Evangeliorum Barr, Allan, A Diagram of Synoptic Relationships (2d ed., T & T Clark, 1996). Farmer, Synopticon Huck, Synopsis of the First 3 Gospels. “The investigation of the problem is properly a matter for the trained scholar, but the ordinary reader cannot afford to remain uninformed about it” (Hiebert, 1:160). Definition of the “Problem”. In what order were the Synoptic Gospels written and what, if any, are the literary relationships between them? This question is not an invention of modern critical scholarship, but is as old as Augustine’s De Consensu E While wearable devices are taking connectivity to a whole new level, one area of concern that frequently surrounds our use of technology is radiation exposure... Wearable Tech Radiation Exposure – A Complete Guide. We live in an era of immense convenience driven by technological advancements. We have smartphones to ensure seamless communication, laptops and tablets to enable productivity, and now, wearables are taking connectivity to a whole new level. While we enjoy the advantages of technology, the subject of how these gadgets affect our health has become a topic worth considering.