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Patent Search

Invention Title	ARTIFICIAL INTELLIGENCE BASED APPROACH TO ANALYSE THE IMPACT OF GREEN GOLD NANOPARTICLES IN CANCER THERAPY AND DI
Publication Number	18/2023
Publication Date	05/05/2023
Publication Type	INA
Application Number	202341027779
Application Filing Date	14/04/2023
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	CHEMICAL
Classification (IPC)	A61B 010600, A61K 390000, A61K 410000, A61P 350000, G06N 070000

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Abstract:

Artificial Intelligence based approach to analyse the Impact of Green Gold Nanoparticles in Cancer Therapy and Diagnosis is the proposed invention. The invention fo
analyzing the role of Green Gold Nanoparticles in cancer therapy. The proposed invention aims at accurate diagnosis of cancer.

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Complete Specification

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Description:Background description includes information that may be useful in understanding the present invention. It is not an admission that any of the informat
provided herein is prior art or relevant to the presently claimed invention, or that any publication specifically or implicitly referenced is prior art.
[0002] Gold nanoparticles (AuNPs) are small gold particles with a diameter of 1 to 100 nm which, once dispersed in water, are also known as colloidal gold. Green sy
of nanomaterials refers to the synthesis of different metal nanoparticles using bioactive agents such as plant materials, microorganisms, and various biowastes incl
vegetable waste, fruit peel waste, eggshell, agricultural waste, and so on. The synthesis of gold nanoparticles (Au-NPs) is performed by the reduction of aqueous gol
ions in contact with the aqueous peel extract of plant, Garcinia Mangostana.
[0003]   A number of different types of cancer treatment analysis systems that are known in the prior art. For example, the following patents are

provided for their supportive teachings and are all incorporated by reference.
[0004] Application of Green Gold Nanoparticles in Cancer Therapy and Diagnosis:- Nanoparticles are currently used for cancer theranostics in the clinical field. Amo
nanoparticles, gold nanoparticles (AuNPs) attract much attention due to their usability and high performance in imaging techniques. The wide availability of biologic
precursors used in plant-based synthesized AuNPs allows for the development of large- scale production in a greener manner. Conventional cancer therapies, such
surgery and chemotherapy, have significant limitations and frequently fail to produce satisfying results. AuNPs have a prolonged circulation time, allow easy modific

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