FROM CORTISONE TO GRAPHENE

60 YEARS OF BREAKTHROUGHS IN PUBMED PUBLICATIONS

Biomedical science advances can often be described by brief periods of discovery followed by decades of study and research. This analysis aims to show an overview of the breakthroughs inferred from the titles of 6 millions of PubMed indexed publications. For this visualization, we built a timeline of terms that have experienced a sudden increase in popularity in PubMed publication titles. The position of the terms is related to the years in which the breakthrough has occurred, the size and color of the word are indicative of the popularity of the term. Authors that contributed significantly to the breakthroughs have been linked to their areas of research.

1950
1960
1970
1980
1990
2000
2010
PATHOLOGICAL
INDICATION
RADIOLOGICAL
TECHNIC
PULMONARY TUBERCULOSIS
ETHNOGENIC
MYCOBACTERIUM TUBERCULOSIS
TETRACYCLINE
TUBERCULOSIS
PATHOGENESIS
ADENOVIRUS
DEXAMETHASONE
ELECTROPHORESIS
EXTRACORPOREAL
ORTHODONTIC NURSE CARE
CARIES
DENTAL
DENTISTRY
PROPRANOLOL
MYCOPLASMA
MEDICARE
HEART TRANSPLANTATION
EEG
AUTOMATE
RELEASE HORMONE
LAYER
WAVE
CELL MEDIATE
ACUPUNCTURE
SOMATOSTATIN
RADIOIMMUNOASSAY
CYCLIC AMP
AMP
PROSTAGLANDIN
COMPUTE TOMOGRAPHY
COMPUTE
MONOCLONAL ANTIBODY
IMMUNODEFICIENCY
MONOCLONAL
HLA
ADENYLATE CYCLASE
IMMUNOSUPPRESSIVE
TOOTH
DENTURE
TEETH
PARTIAL DENTURE
ORTHODONTIC TREATMENT
CARDIAC TRANSPLANTATION
ORTHODONTICS
BUPIVACAINE
ANTIBIOTIC PRESCRIPTION
ANTIBIOTIC
TRANSVAGINAL
TRANSLUMINAL
ANGIOPLASTY
ANGIOGRAM
VITRO FERTILIZATION
OBSERVATIONAL
ADJUVANT THERAPY
ADJUVANT CHEMOTHERAPY
HODGKIN LYMPHOMA
BETA ENDORPHIN
COMPUTERIZED TOMOGRAPHY
ADENOCARCINOMA
CAPTOPRIL
ACTIVATED PROTEIN
ATRIAL FIBRILLATION
ANTIBIOTIC
ANTIBIOTIC PRESCRIPTION
ANTIBIOTIC
ANTIBIOTIC
ANTIBIOTIC