

Information Analysis. Norovirus Research by GoPubMed

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Abstract: Objective To analyze the present situation and development trend of norovirus,So as to provide information for further research.Methods Using 'norovirus' as the key word to search literatures in gopubmed,The analysis of distribution of literatures by year,Area,Publication Journals,And main authors was performed.REsults The total number of articles published globally about

Noroviruswas 4 890.The numbers of Things linked to norovirrus created year by year from 2002 to 2016.The leading country in norovirus research was the United States(655 papers),Followed by Japan(185 papers),And China ranked the third(165 papers).Of the 10 top amenities output cities,Five of them were in the United States,And Beijing raised the fourth(40 papers).Most. 10 top journals about norovirus research. ". United States, European General information.. 10 top authors. norovirus research literatures outputThere. no Chinese author.Conclusion GoPubMed. a valid tool. analyze. Current Situation

Keywords: Norovirus virus;GoPubMed;Literature Measurement Analysis

1. Materials and Methods

1.1 ObjectToPubMedAs the research object, the time range fromPubMedStarting from2016Year12End of month"Norovirus"As subject headings

GopubmedDatabase for retrieval, a total4 890Article.

1.2 MethodWill retrieve results through"Statistics"Function performed

Statistical analysis, understandingPubMedResearch topics in the literature on Norovirus,Year,Core Journal,Region,Distribution of high-yielding authors.Take the results of the searchMicrosoft Excel 2007AndSPSS 17.0Software for statistical analysis.

With"Norovirus"Retrieved for subject headings4 890Article.Results show that10The number of research literature on Norovirus showed a rapid growth trend (Figure1.).1980-2001Norovirus research literature has been at a very low level,2002The amount of research literature has been increasing year by year.2016Nanda316Article, up year on year 20%This indicates that the research of norovirus is one of the hot topics in the medical field (Figure1.).

2.2Geographic distribution, the retrieved documents are distributed in the world100Multiple countries or regions, of which the eastern United States,Europe,Japan,South Korean publications are relatively high in density.The number of norovirus-related studies published by US research institutes tops the list (655)Japan ranked No. 12.Bit (185)China ranked No. 13.Bit (165).Number of documents published before10The largest number of cities in the United States (5.A),

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Atlanta, respectively, Houston, Cincinnati, Bethesda and Chapel Hill; Tokyo and London ranked first. Position and number. Bit (57) Zhang He Beijing ranked No. 14. Bit (40) (Article) (Table 1.).

2.3. Core Journals and research topics are distributed according to PubMed analysis of the Journal published the literature of norovirus research. All journals are in the United States. « Science Citation Index » (Science Citation Index, SCI) Journal, all distributed in the United States, In the UK and other European and American regions. 1. 500 Above, of which Journal of Infectious Diseases High impact factor

Norovirus, Human, Viruses, Gastroenteritis, Disease outbreaks, Genotype These high-frequency keywords reflect the hot spots of norovirus Research (Table 2.).

3. Please On

Norovirus virus is caused by human acute non-bacterial gastroenteritis of main pathogens in recent years norovirus virus of Public Health Knowledge [14-16]

Problem more and more by the scientific community of attention. By GoPubMed Literature Metrology Analysis Function of norovirus virus literature the statistical

Analysis reveal the study of trend, Distribution and key for scientific research personnel carry out norovirus virus related research provide information foundation.

Analysis norovirus virus related research literature published of time tips literature quantity was year by year rise trend reflect the norovirus virus study year by year increased this and domestic and foreign norovirus virus caused by of acute gastroenteritis [17-19]

Research has become Medical Research of hot one; research subject norovirus Virus, Gene type and disease outbreak and these information also is conducive to China's scientific research workers tracking international scientific research hot and seize the scientific research high ground. So should be strengthen norovirus virus related field of study work especially hot theme study concentration of field strengthen the norovirus virus current development frontier information of study and master, for China norovirus virus research development provide effective support. Included norovirus virus Literature

10 Name of core of main distribution in American, Netherlands and European and American countries is still no, China of (, China of overall of academic water

Flat to be further improve. Finally from issued a document author rankings and author cooperation relationship network can see China engaged in norovirus virus research of scientific research personnel still in relative independent of study state lack of each other between the cooperation and results sharing, more lack of and international research team Cooperation Research of research experience and experience even though the China is in total issued a document

The first 3A, Beijing, Area issued a document of ranked the first 4A but in core author

The relationship between network in rare domestic of research personnel should be further strengthen the study field International between cooperation and exchange.

Use GoPubMed Can is well reflect norovirus virus research of Current Situation and Development Trend Study Main concentration in European and American and Japan and other developed area, China and developing countries relative more weak lack of High Yield author and core team, need to further strengthen norovirus virus related field research for domestic norovirus virus infectious diarrhea diagnosis and treatment, Prevention and Control provide science basis.

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