

Trend topics in prestigious and popular medical journals: The effect of Covid-19.

“Saygın ve bilinir tıp dergilerindeki trend konular: Covid-19'un etkisi”

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ABSTRACT

Medical journals keep a critical role for reflecting on how clinical trials have evolved while researchers manage to overcome many challenges. 2020 will be the year of coronavirus for medical publications. As of 2020, The Covid-19 has announced as a pandemic viral disease by the World Health Organization. As of October 2020, when you search for “Coronavirus-Covid-19” in pubmed; more than 40,000 results have already found their place in literature. Now we will try to review how relevant are the prestigious and popular medical journals on this topic.

Keywords: medical journal, Covid-19, coronavirus

ÖZ

Tıp dergileri, araştırmacılar birçok zorluğun üstesinden gelmeyi başarırken, klinik araştırmaların nasıl geliştiğini yansıtmak için kritik bir rol oynamaktadır. 2020 tıbbi yayınlar için koronavirüs yılı olacak. Covid-19, 2020 yılı itibarıyla Dünya Sağlık Örgütü tarafından salgın viral hastalık olarak ilan edildi. Ekim 2020 itibarıyla, pubmed'de “Coronavirus-Covid-19” araması yaptığınızda; 40.000'den fazla sonuç literatürde yerini buldu. Şimdi bu konuda, prestijli ve popüler tıp dergilerinin ne kadar ilgili olduğunu gözden geçirmeye çalışacağız.

Anahtar sözcükler: tıp dergisi, Covid-19, koronavirüs

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Since over 2000 years, physicians and researchers continue to find solutions for eradicating diseases and improving community health. Every year medical researchers in all areas conduct new clinical studies for this purpose. At this stage medical journals keep a critical role for reflecting on how clinical trials have evolved while researchers manage to overcome many challenges. But what did recent clinical studies

in medical field show us in 2020 ? what were trend topics in medical journals ? Where do we go ? If we should answer the question, there is no doubt that 2020 will be the year of coronavirus for medical publications. As of 2020, The Covid-19 viral disease that has swept into at least 213 countries with more than 34,000,000 confirmed cases and caused deaths of more than 1,000,000 people and is announced a pandemic by the

World Health Organization. As of October 2020, when you search for "Covid-19" in PubMed; more than 40,000 results have already found their place in literature. But how relevant are the prestigious medical journals on this topic?

The New England Journal of Medicine (NEJM) is accepted as the world's one of the leading medical journal and website. It has been published continuously for over 200 years, and now there is a separate section for Covid-19 on the journal's website. A collection of articles and other resources on the coronavirus outbreak, including clinical reports, management guidelines, and commentary can be followed from this section in NEJM.

JAMA Internal Medicine is an international peer-reviewed journal which publishes articles that are stimulating to read, educate and inform readers with the most up-to-date research, and lead to positive change in general health care systems. As being one of the prestigious medical journals, it can not be expected for the journal to remain indifferent to Covid-19. For instance, almost all of the most read articles of last month were about Covid-19. Similarly when we look at the most cited article published in the journal in last three years, it is about risk factors associated with acute respiratory distress syndrome and death in patients with coronavirus disease 2019 pneumonia in Wuhan, China [1].

2019 has also been a great year for basic medical sciences. 2019 Nobel prize in medicine was awarded for discovering oxygen sensing mechanisms. It was really important for us to understand cellular, tissue and organismal responses in the body. *CELL*; is the one of the leading journals in cell and molecular biology. The journal remains at the forefront of exciting developments in this area. When the latest issues in the journal are reviewed, articles related to Covid-19 stand out. The article published by Au et al., contribute to our understanding of immunopathology and immune protection in cancer patients, placed in the context of an evolving pandemic Covid-19 [2].

The Lancet is a world leading medical journal. It is an independent, international weekly general medical journal founded in 1823 and since its first issue (October 5, 1823), the journal has

worked hard to make science widely available. As expected, to assist clinicians and researchers working under challenging conditions to bring this coronavirus disease to a close, The Lancet had a Coronavirus Resource Centre. This resource brings together new 2019 novel coronavirus disease content from across The Lancet journals as it is published. One of the latest articles published online ahead of print in the journal is about extracorporeal membrane oxygenation support in Covid-19 [3].

Nature is a weekly international journal publishing the finest peer-reviewed research in all fields of science and technology. The first issue of Nature was published in November 1869. Befitting a prestigious scientific journal, the journal has tried to fulfill its duty on studies on Covid-19 disease and its treatment. As humans do not have pre-existing immunity to SARS-CoV-2, there is an immediate need to develop therapeutic agents and vaccines to ease the current pandemic and to prevent the re-emergence of Covid-19. The latest two articles of the journal are about Covid-19 vaccine and preclinical testing of vaccine candidates and therapeutic agents for this disease [4-5].

While researchers manage to overcome many challenges against this global health emergency, we are going to follow the results of the studies closely.

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