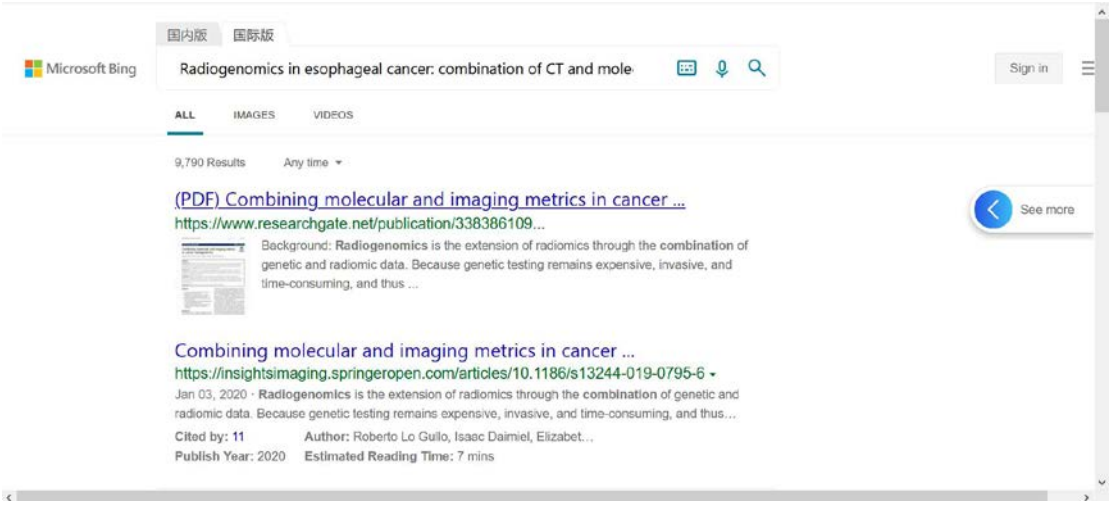
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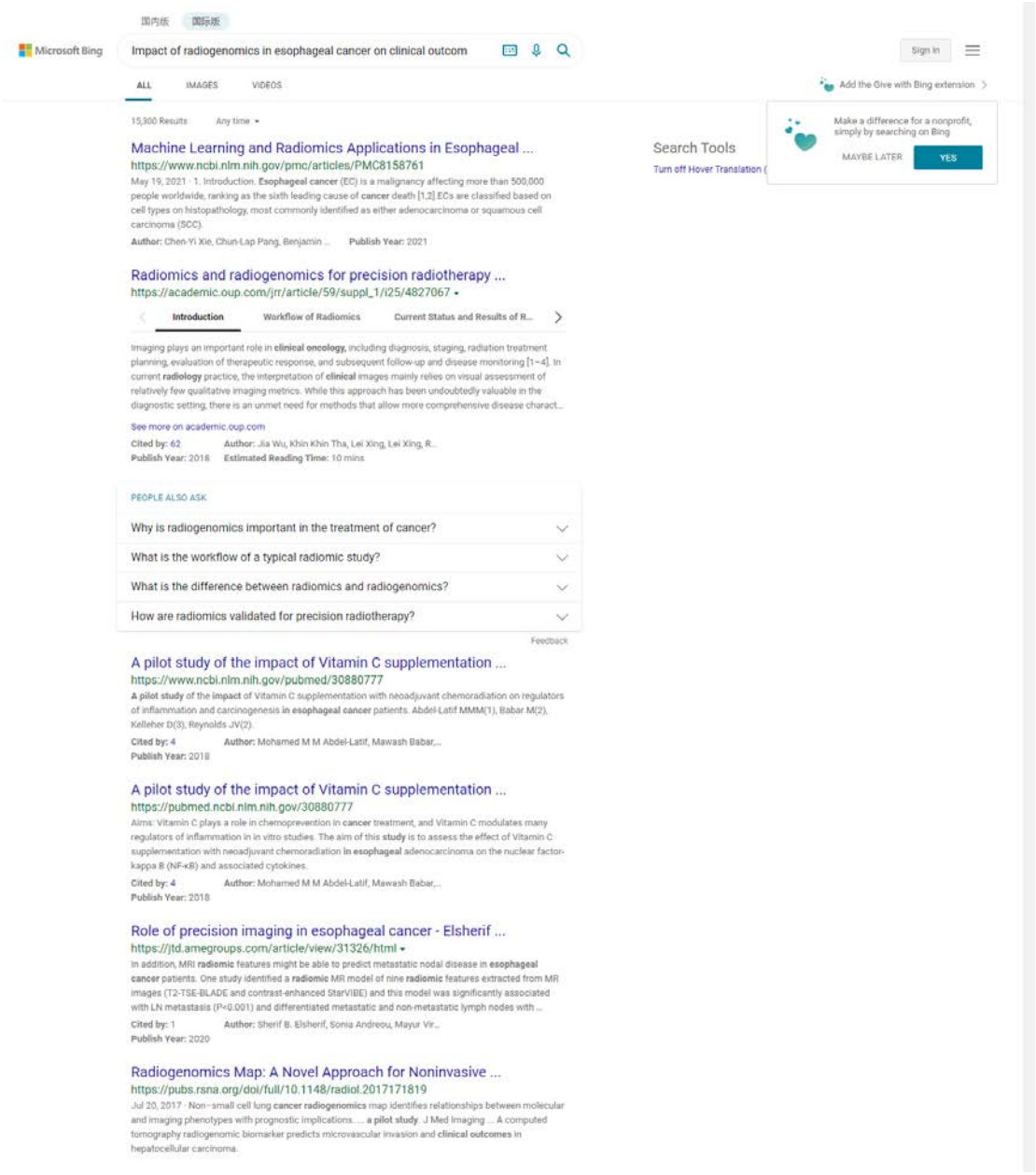
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Author: Chen-Yi Xie, Chun-Lap Pang, Benjamin ... Publish Year: 2021
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Introduction
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Imaging plays an important role in clinical oncology, including diagnosis, staging, radiation treatment planning, evaluation of therapeutic response, and subsequent follow-up and disease monitoring [1–4]. In current radiology practice, the interpretation of clinical images mainly relies on visual assessment of relatively few qualitative imaging metrics. While this approach has been undoubtedly valuable in the diagnostic setting, there is an unmet need for methods that allow more comprehensive disease charact...
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Author: Mohamed M M Abdel-Latif, Mawash Babar,...
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Role of precision imaging in esophageal cancer - Elsherif ...
https://jtd.amegroups.com/article/view/31326/html
In addition, MRI radiomic features might be able to predict metastatic nodal disease in esophageal cancer patients. One study identified a radiomic MR model of nine radiomic features extracted from MR images (T2-TSE-BLADE and contrast-enhanced StarVIBE) and this model was significantly associated with LN metastasis (P<0.001) and differentiated metastatic and non-metastatic lymph nodes with ...
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Author: Sherif B. Elsherif, Sonia Andreou, Mayur Vir...
Publish Year: 2020
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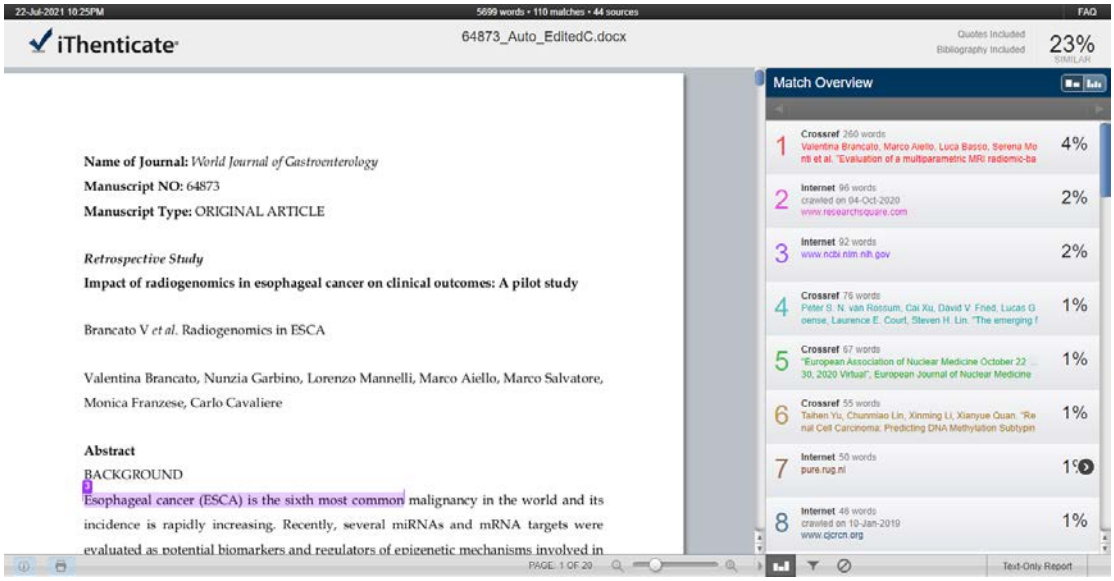

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Retrospective Study

Impact of radiogenomics in esophageal cancer on clinical outcomes: A pilot study

Brancato V *et al.* Radiogenomics in ESCA

Valentina Brancato, Nunzia Garbino, Lorenzo Mannelli, Marco Aiello, Marco Salvatore, Monica Franzese, Carlo Cavaliere

Abstract

BACKGROUND

Esophageal cancer (ESCA) is the sixth most common malignancy in the world and its incidence is rapidly increasing. Recently, several miRNAs and mRNA targets were evaluated as potential biomarkers and regulators of epigenetic mechanisms involved in

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Author: Chen-Yi Xie, Chun-Lap Pang, Benjami... **Publish Year:** 2021

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Publish Year: 2018

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What to know about esophageal cancer (EC)?

How are radiomics used to diagnose and treat cancer?

What is the workflow of a typical radiomic study?

How are radiomics and radiogenomics related to each other?

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A pilot study of the **impact** of Vitamin C supplementation with neoadjuvant chemoradiation on regulators of inflammation and carcinogenesis **in esophageal cancer** patients. Abdel-Latif MMM(1), Babar M(2), Kelleher D(3), Reynolds JV(2).