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REVIEWER'S REPORT

Manuscript No.: IJAR-58140

Title: ARTIFICIAL INTELLIGENCE in ORAL AND MAXILLOFACIAL RADIOLOGY: A BIBLIOMETRIC ANALYSIS of RESEARCH TRENDS and SCIENTIFIC DEVELOPMENT.

Recommendation:

Accept as it is .....

Accept after minor revision...

Accept after major revision .....

Do not accept (*Reasons below*) .....

Rating	Excel.	Good	Fair	Poor
Originality		Good		
Techn. Quality	Excellent			
Clarity	Excellent			
Significance	Excellent			

Reviewer's ID: Dr. Sumathi

Detailed Reviewer's Report

1. **Artificial intelligence (AI) is a branch of computer science focused on building systems capable of performing tasks that typically require human intelligence. This includes learning from data, recognizing patterns, understanding natural language, making decisions, and solving complex problems.**
2. **Bibliometric analysis is a quantitative research method used to map, evaluate, and visualize large volumes of scientific literature. By applying statistical and mathematical tools to metadata—such as citations, authors, keywords, and publication years—it identifies emerging trends, core research topics, and collaboration networks within a specific field.**
3. **Deep learning is a powerful subset of machine learning that uses multi-layered artificial neural networks to solve complex problems. It is the driving force behind most modern AI breakthroughs, including large language models like ChatGPT, autonomous vehicles, and advanced medical diagnostics.**
4. **Dental radiology involves capturing and interpreting X-ray images of your teeth, jaw, and surrounding oral structures. It allows dentists to see what is hidden beneath the surface—such as tooth decay between**

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teeth, impacted wisdom teeth, bone loss, and jaw infections—ensuring accurate diagnoses and effective treatment planning.

5. **Machine learning (ML) is a subfield of artificial intelligence (AI) that allows computers to learn from data and make predictions without being explicitly programmed. Instead of relying on hard-coded rules, ML algorithms detect patterns in large datasets and improve their accuracy over time through experience.**
6. **Oral and maxillofacial radiology is an official dental specialty focused on capturing and interpreting diagnostic images—like X-rays, CTs, and MRIs—to diagnose diseases of the mouth, face, and jaw. It is the cornerstone of safe and accurate dental care.**
7. **Key words are good.**
8. **Result part is awesome with pictures and values.**
9. **Summary points only can be added.**
10. **References should be with alphabetical order.**
11. **After a small changes good to publish in your journal.**