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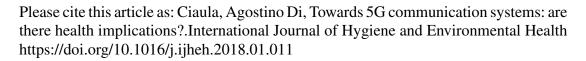
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## ACCEPTED MANUSCRIPT

#### Towards 5G communication systems: are there health implications?

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Keywords: 5G; MMW; RF-EMF; cancer; noncommunicable diseases; prevention

HighlightsRF-EMF exposure is rising and health effects of are still under investigation

- Both oncologic and non-cancerous chronic effects have been suggested
- 5G networks could have health effects and will use MMW, still scarcely explored
- Adequate knowledge of RF-EMF biological effects is also needed in clinical practice
- Underrating the problem could lead to a further rise in noncommunicable diseases

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