

2021

Achievements and an outlook of 2012-2021 research: Instituto de Investigaciones en Ciencias Biomédicas of Universidad Ricardo Palma

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Recommended Citation

De La Cruz-Vargas, Jhony A. and Quiñones Laveriano, Dante (2021) "Achievements and an outlook of 2012-2021 research: Instituto de Investigaciones en Ciencias Biomédicas of Universidad Ricardo Palma," *Revista de la Facultad de Medicina Humana*: Vol. 22: Iss. 2, Article 1.

DOI: <https://doi.org/10.25176/RFMH.v22i2.4895>

Available at: <https://inicib.urp.edu.pe/rfmh/vol22/iss2/1>

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ACHIEVEMENTS AND AN OUTLOOK OF 2012-2021 RESEARCH: INSTITUTO DE INVESTIGACIONES EN CIENCIAS BIOMÉDICAS OF UNIVERSIDAD RICARDO PALMA

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Write about achievements and and outlook of research in the last ten years from the Instituto de Investigaciones en Ciencias Biomédicas (INICIB) of Universidad Ricardo Palma, it is relevant because research currently occupies a central place in universities, at least rethorically .

We present an overview of the evolution of scientific publication, which constitute a real and objective indicator to visualize the trends and projections of research at the Faculty of Human Medicine and at Universidad Ricardo Palma. For this, we will take as reference the records of international bases of recognized prestige as SCOPUS and WEB OF SCIENCE.

EVOLUCIÓN DE LA PRODUCCIÓN CIENTÍFICA

SCOPUS

If we look at Table 1 and Figure 1A, the evolution of the number of scientific publications is clearly shown in an increasing and progressive manner in the SCOPUS database⁽²⁾.

From 2016 we can see an inflection, which is maintained upwards in a sustained way. A final achievement is that, in the second semester of year 2021, INICIB implemented the "Special Program 100 x 100 URP"⁽³⁾, which allowed the incorporation of new research teachers, with the objective of surpassing the threshold of 100 publications per year with affiliation of Universidad Ricardo Palma. The result was that in 2021 this goal was reached and exceeded, reaching 123 publications in SCOPUS.

WEB OF SCIENCE

Similarly, this pattern is repeated when we observe the evolution of the publications made in the Core Collection database of WEB OF SCIENCE⁽⁴⁾ in Table 1 and more clearly in Figure 1B. WEB OF SCIENCE contains some of the most prestigious databases worldwide, and the Core Collection is one of the main, as it contains a reliable and high quality collection of scientific journals, books or other sources that undergo a rigorous selection process and constant evaluation to prove their permanence.

The increase in publications in this database is indicative, not only of the great advance in boosting the number of publications, but also of the higher quality with which research is carried out in our university, and can be published in the best journals in the world.

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Cite as: Jhony A. De La Cruz-Vargas, Dante Quiñones Laveriano. Achievements and an outlook of 2012-2021 research: Instituto de Investigaciones en Ciencias Biomédicas of Universidad Ricardo Palma. Rev. Fac. Med. Hum. 2022; 22(2):223-225. DOI: 10.25176/RFMH.v22i2.4895





OUTLOOK

The path traveled in the last ten years at Universidad Ricardo Palma, leaves us some lessons: First, research and the generation of new knowledge is the hallmark of the universities of the 21st century, in a context of greater competitiveness and facing the challenge of the transition from professor-only universities to universities with qualified research professors registered in national and international research systems. It is hoped that there will be not only one teacher in the higher education institution, but also a researcher who helps to improve academic conditions and generate scientific and social development⁽⁵⁾.

The second lesson is the importance of motivating and incorporating research teachers as a priority policy in universities. The allocation of resources and the development of infrastructure must accompany the institutional political will to promote research in universities by decision makers. Breaking the historical inertia and moving towards the university model generating new knowledge is a challenge and a necessity.

The third lesson is that the cooperative and collaborative research model, involving national and international networks, helps and enhances scientific production results⁽¹⁾.

Strengthening research institutes and centers that have qualified human resources and experience in scientific research and production seems not only strategic but high priority to follow the trend of momentum and continuous quantitative growth as qualitative of university research^(6,7).

To develop models and special programs aimed at promoting, strengthening and raising the scientific production of Universidad Ricardo Palma, constitutes a strategic pillar for the present and future of the institution, linked to its academic prestige, its role with society and the country, its accreditation and licensing indicators, its national and international positioning and the scientific, technological and innovation development of its teachers and researchers.

Table 1. Evolution of URP-affiliated publications in SCOPUS and WOS

Year	SCOPUS			WEB OF SCIENCE		
	Number of publications	% of growth*	% accumulated	Number of publications	% of growth*	% accumulated
2012	7	--	--	4	--	--
2013	12	71.40%	71.40%	11	175.00%	57.10%
2014	16	33.30%	128.60%	12	9.10%	71.40%
2015	14	-12.50%	100.00%	6	-50.00%	-14.30%
2016	36	157.10%	414.30%	12	100.00%	71.40%
2017	37	2.80%	428.60%	20	66.70%	185.70%
2018	41	10.80%	485.70%	26	30.00%	271.40%
2019	73	78.00%	942.90%	33	26.90%	371.40%
2020	79	8.20%	1028.60%	44	33.30%	528.60%
2021	123	55.70%	1657.10%	62	40.90%	785.70%

*According to the previous year



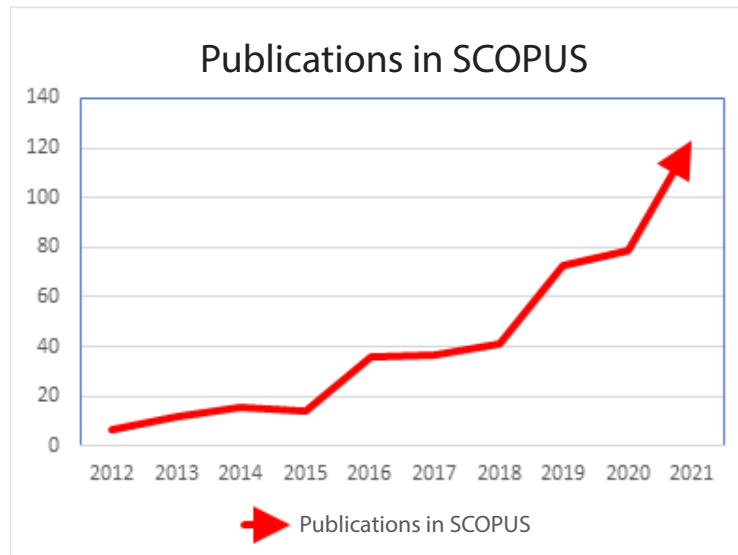


Figure 1A. Evolution of the number of publications of Universidad Ricardo Palma in SCOPUS between 2012 and 2021

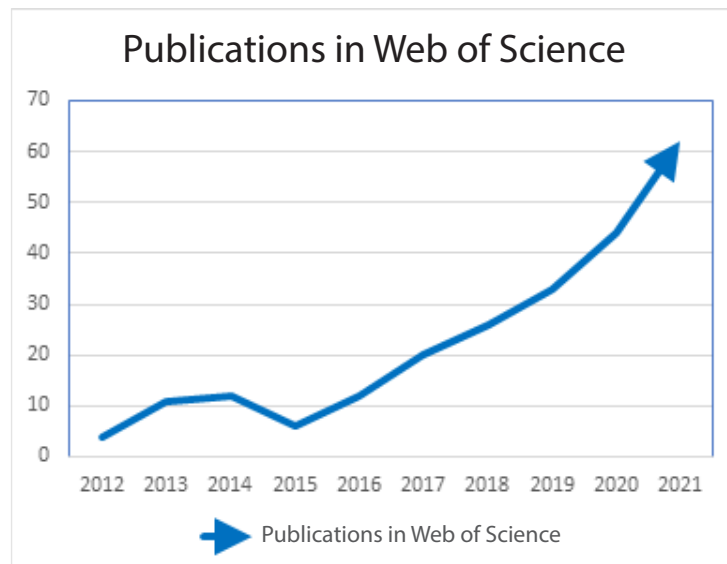


Figure 1B. Evolution of the number of publications of Universidad Ricardo Palma in Web of Science between 2012 and 2021

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