

**SUMMARY OF PUBLICATIONS**  
**Department of Information Technology**

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1.	# publications (including in-press) in 2024–present on which at least one departmental member was listed as an author or co-author	4(3)
2.	# publications (including in-press) in 2024–present originating in your department	2(1)
3.	# publications in #1-2 above with first author in the department	3(3)
4.	# publications in #2 with outside investigator as first author	1(0)
5.	# publications in #2 linked to RPs	0

\* Total number of publications, with number in the Japanese language given in parenthesis.

**1) Published reports (2022-2024):****<2024>**

- 1) Ono S, Shuhara A. Proposed method for measuring the environment in a laboratory using wireless sensing and machine learning. *Information Processing Society of Japan the 86th National Convention of IPSJ*. 2024(March):1-2. (in Japanese) [No RP]
- 2) Ono S, Ohishi W. Significance and issues of the data standardization in archiving A-bomb survivors materials and samples. *Hiroshima Igaku [J Hiroshima Med Assoc]*. 2024(April); 77(4):152-8. (in Japanese) [No RP]
- 3) Ono S, Sakata R. First step in machine learning techniques utilizing GPUs: Relationship between research resources and computational resources. *Nagasaki Igakkai Zasshi [Nagasaki Med J]*. 2024 (December); 99(Special issue):165-8. (in Japanese) [No RP]
- 4) Shuhara A, Ono S. Quantitative evaluation of environmental changes in the laboratory using radio wave strength transitions and deep learning. *Kankyo to Anzen [Journal of Environment and Safety]*. 2024/01/15 [Epub]:1-7. (in English) [No RP]

**<2023>**

- 1) Shuhara A, Ono S. Quantitative evaluation of environments changes in the laboratory using radio wave strength transitions and deep learning. *Information Processing Society of Japan the 85th National Convention of IPSJ*. 2023.3;443-4. (in Japanese) [No RP]

**<2022 >**

- 1) Shuhara A, Ono S. A Fundamental study on quantitative evaluation of indoor environment transition using radio wave intensity. *Information Processing Society of Japan the 84th National Convention of IPSJ*. 2022.3; 465-6. (in Japanese) [No RP]

**2) Meeting presentations (January 2024 – December 2024):**

Ono S, Shuhara A. Proposed method for measuring the environment in a laboratory using wireless sensing and machine learning. 86th National Convention of IPSJ. 15-17 March 2024, Kanagawa [No RP]

Ono S, Sakata R. Exploring machine learning techniques utilizing GPUs--Case studies on analyzing A-bomb survivor's research resources. 64th Late A-bomb Effects Research Meeting. 2 June 2024, Nagasaki [No RP]