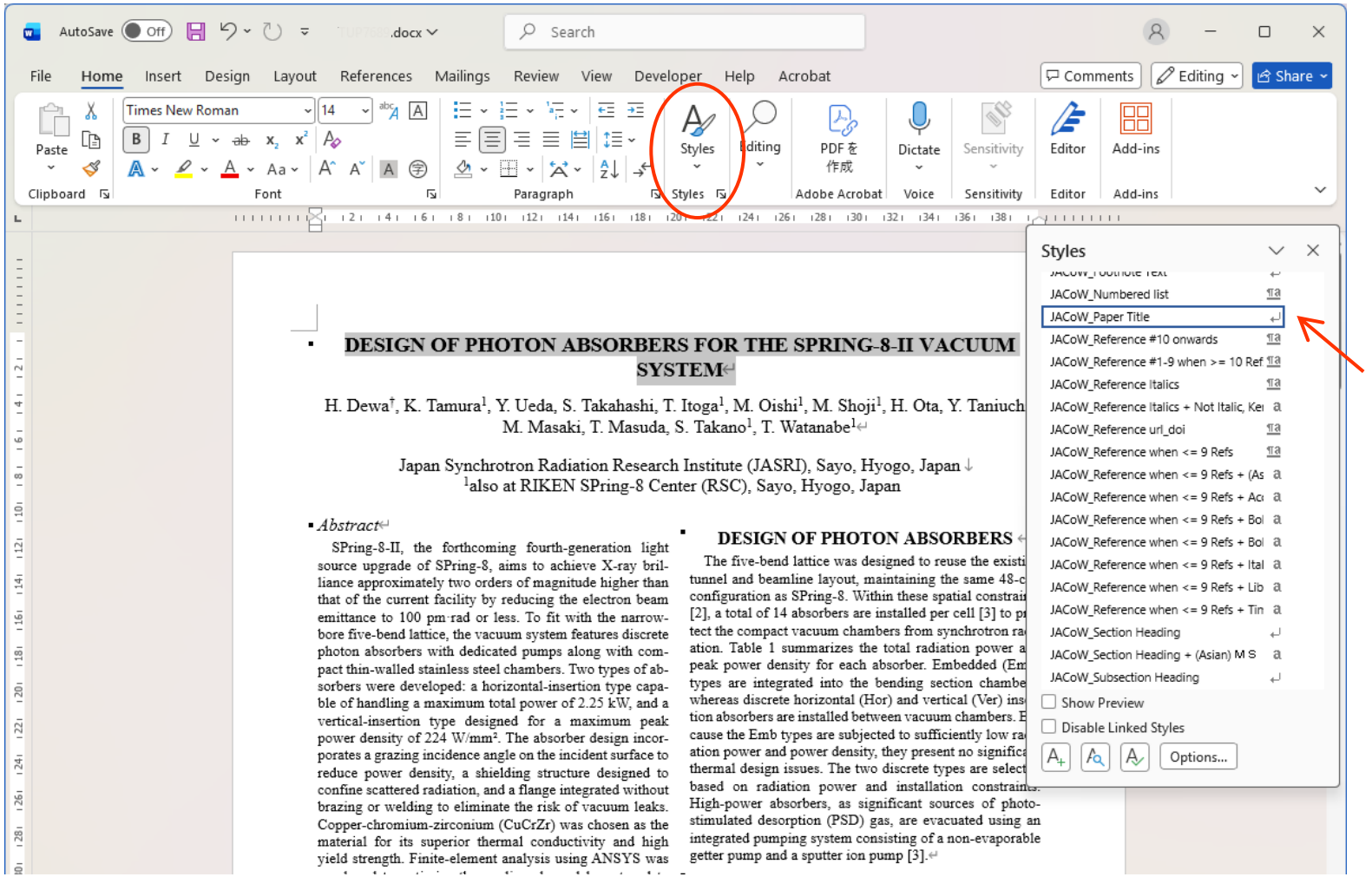
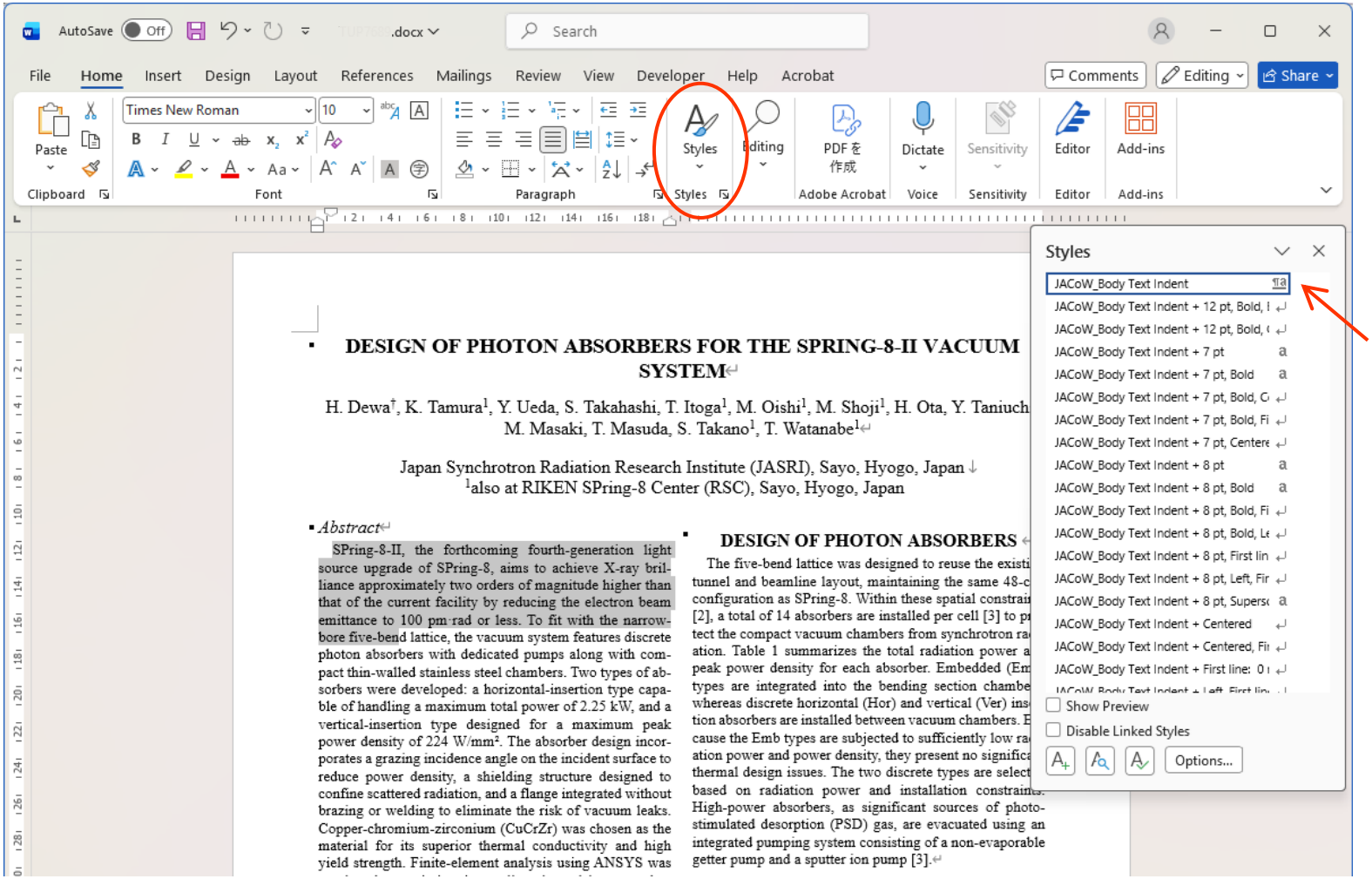
Editing : Word

Akihiro Shirakawa

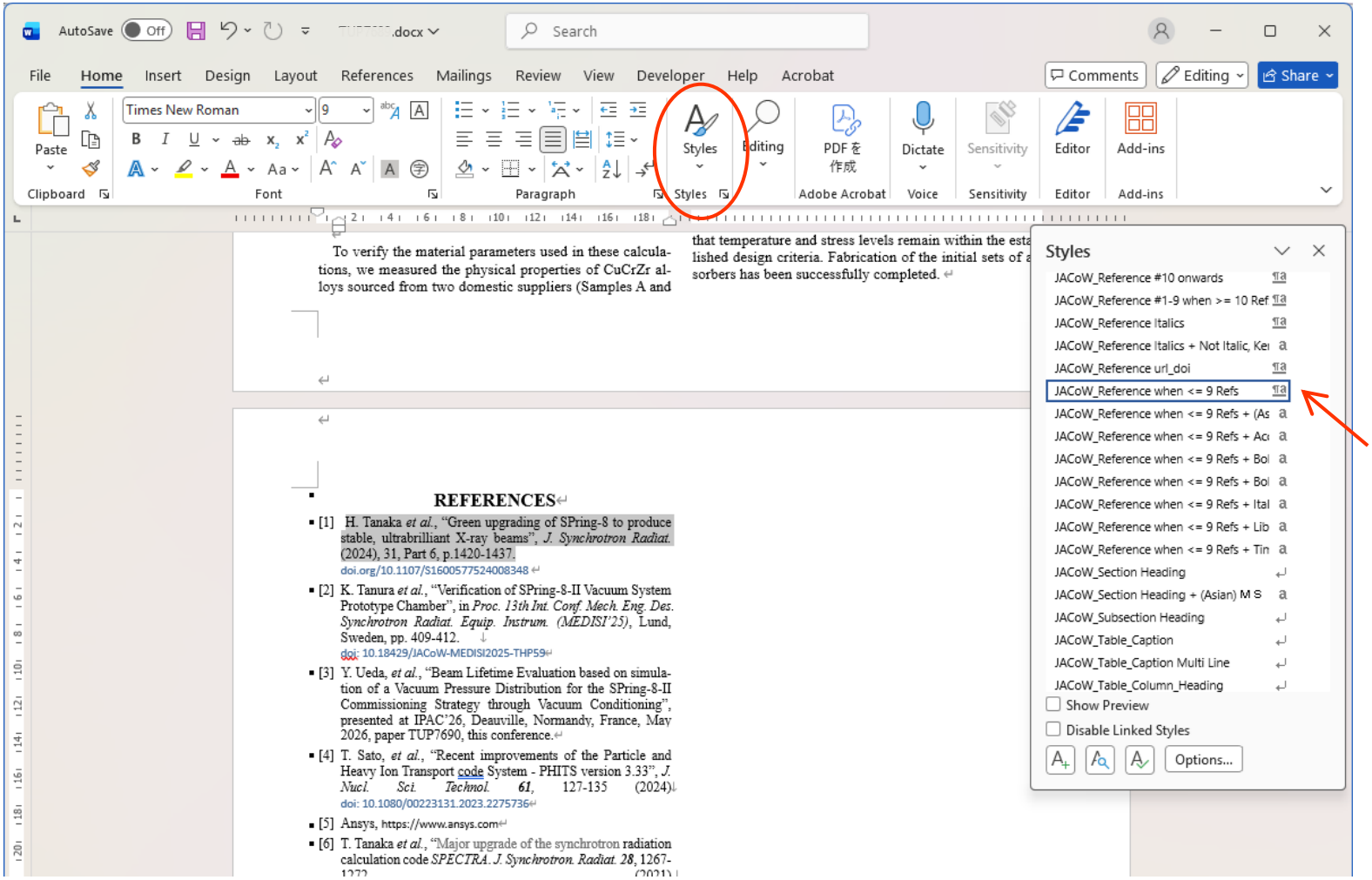
In principle: apply JACoW Template



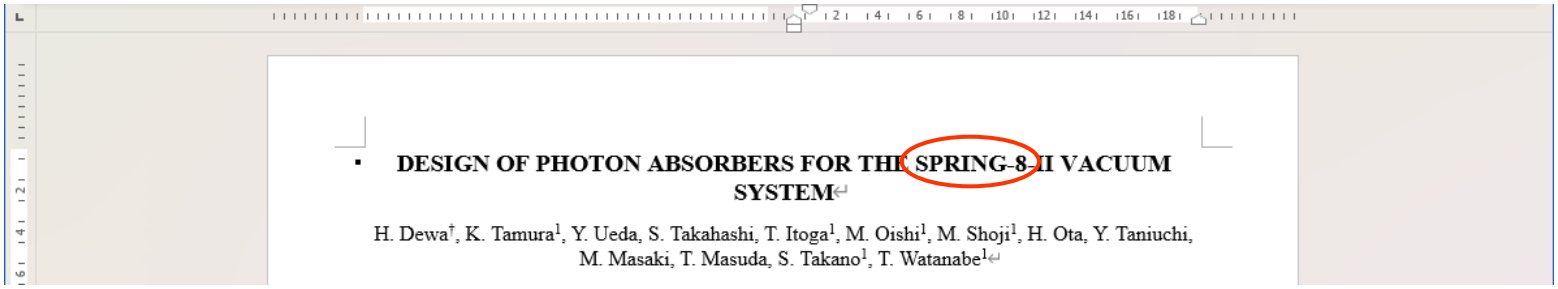
In principle: apply JACoW Template



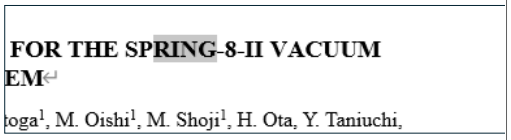
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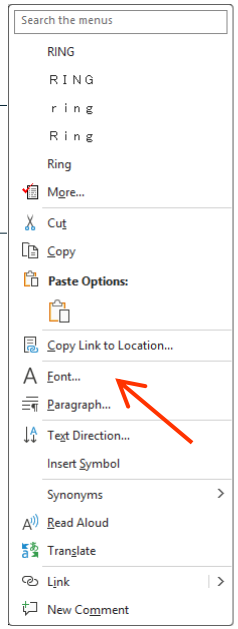
Tips: CAPs Lock

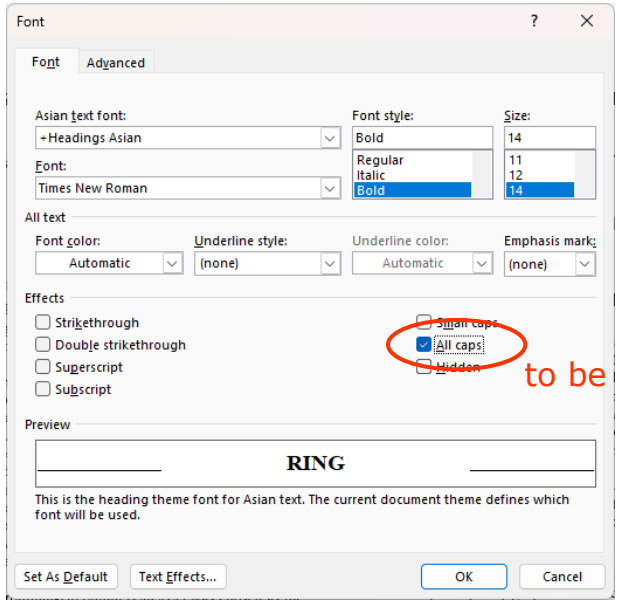


- 'SPRING-8' should be 'SPring-8'
- What if entering 'ring' doesn't change it to 'ring' ?



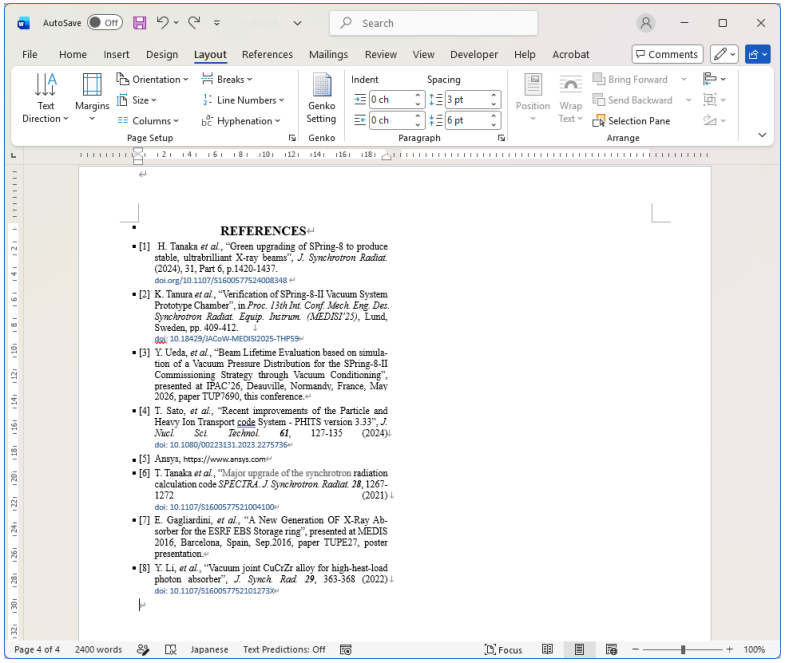
- Select 'RING', Right-Click, and check Font ..



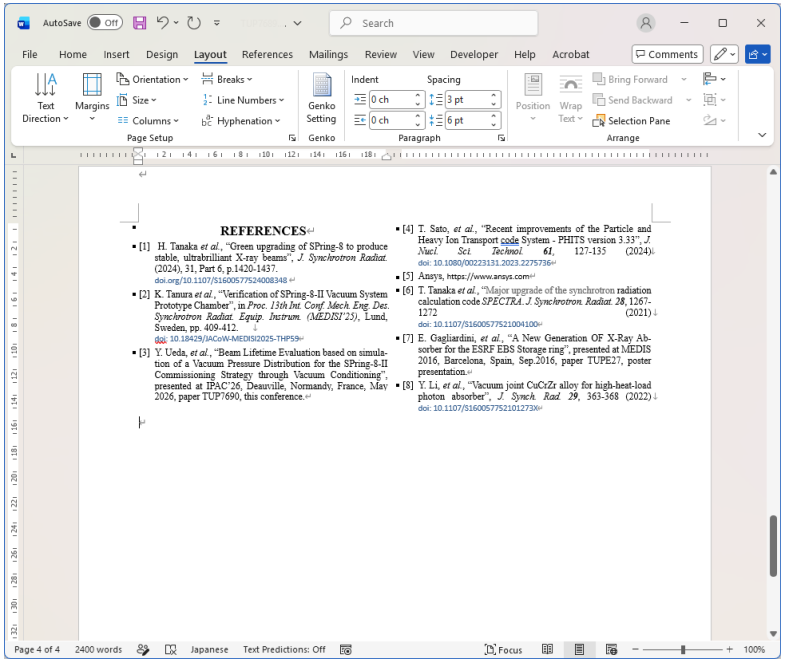


to be unchecked

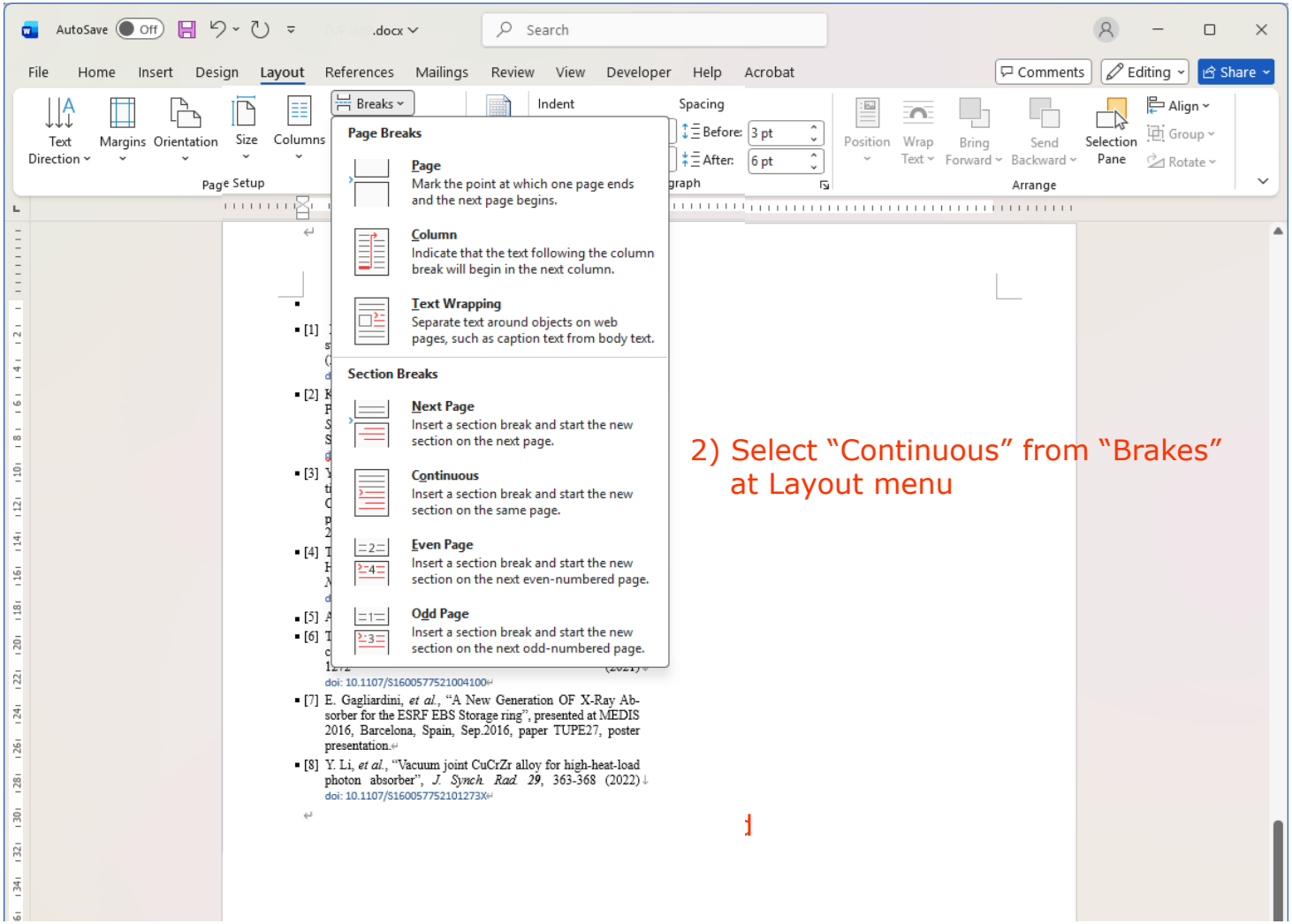
Tips: Adjusting Paragraph on the last page





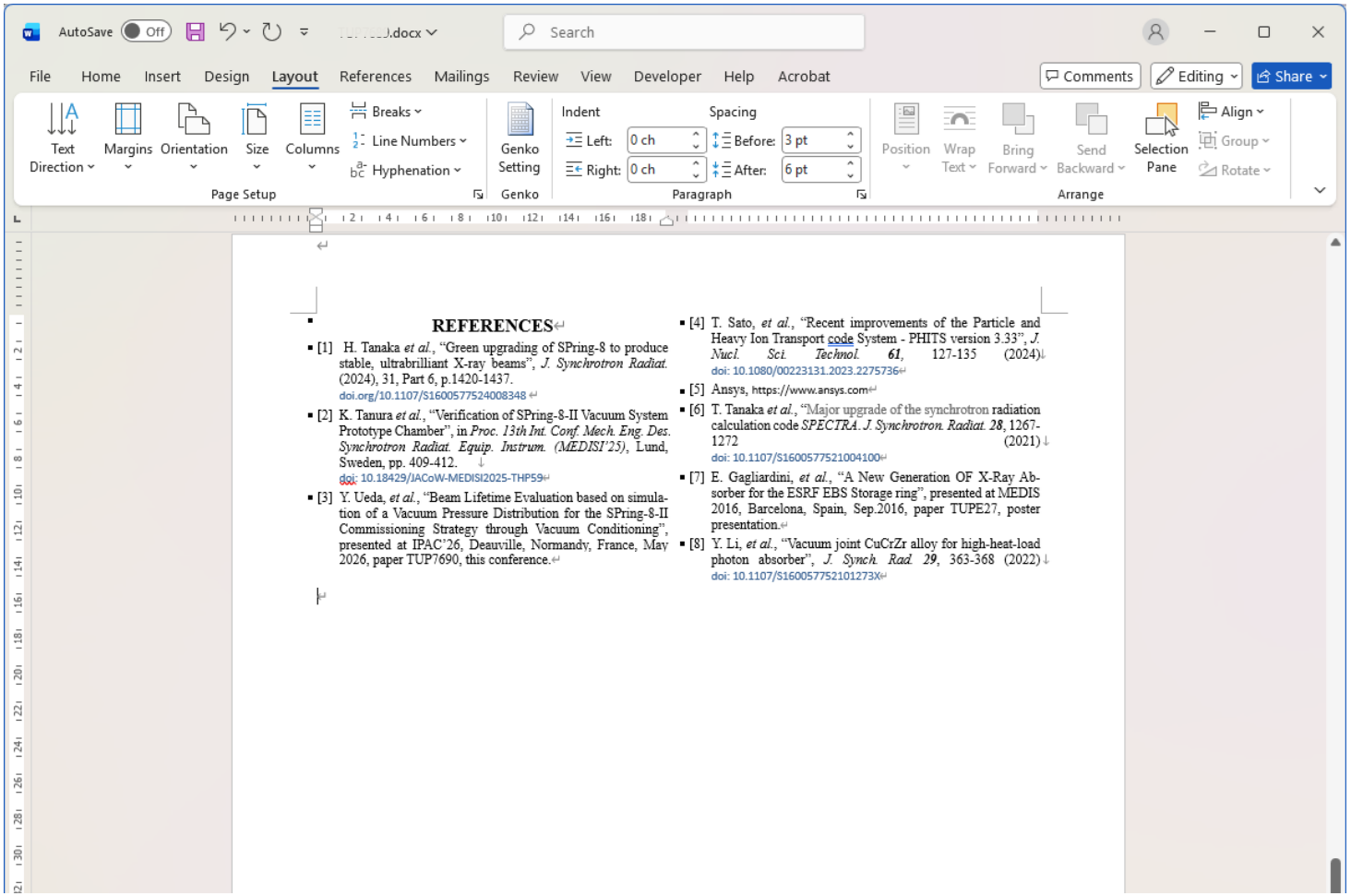


Tips: Adjusting Paragraph on the last page



2) Select "Continuous" from "Brakes" at Layout menu

Tips: Adjusting Paragraph on the last page



REFERENCES

[1] H. Tanaka *et al.*, "Green upgrading of SPring-8 to produce stable, ultrabrilliant X-ray beams", *J. Synchrotron Radiat.* (2024), 31, Part 6, p.1420-1437. doi.org/10.1107/S1600577524008348

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[3] Y. Ueda, *et al.*, "Beam Lifetime Evaluation based on simulation of a Vacuum Pressure Distribution for the SPring-8-II Commissioning Strategy through Vacuum Conditioning", presented at IPAC'26, Deauville, Normandy, France, May 2026, paper TUP7690, this conference.

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[6] T. Tanaka *et al.*, "Major upgrade of the synchrotron radiation calculation code *SPECTRA*. *J. Synchrotron. Radiat.* **28**, 1267-1272 (2021) doi: 10.1107/S1600577521004100

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In principle: Adjusting Table Width

▪ Table 1: Results of RF Simulations of the IH-DTL Cavities

Cavity	β	Acc. Gradient [MV/m]	RF losses [kW]	Peak E-field [MV/m]	RF acceleration consumption [kW]
1	0.09	1.40	11.6	10.9	28.1
2	0.0963	2.95	52.1	21.0	63.5
3	0.1058	3.50	76.0	24.1	82.7
4	0.1167	3.12	78.2	22.7	104.1
5	0.1289	3.40	100.1	25.0	128.1
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7	0.1548	3.40	120.2	24.0	156.9
8	0.1679	3.40	132.6	24.4	170.2
9	0.1810	3.40	146.2	23.8	185.2
10	0.1941	3.40	161.3	23.2	202.2
11	0.2073	3.40	178.6	23.4	219.5
12	0.2204	3.40	198.4	24.4	233.4
		Total	1364.7		1716.3

To further reduce RF consumption, a dedicated optimization was performed on representative cavities of the Linac, namely a middle energy cavity and the last cavity. The optimization focused on two main geometrical parameters: the tilt angle of the end stems and the outer radii of the drift tubes. The tilt angle was first adjusted to improve the field distribution along the cavity axis, followed by a refinement of the drift tube radii to reduce RF losses while maintaining acceptable peak electric field levels.

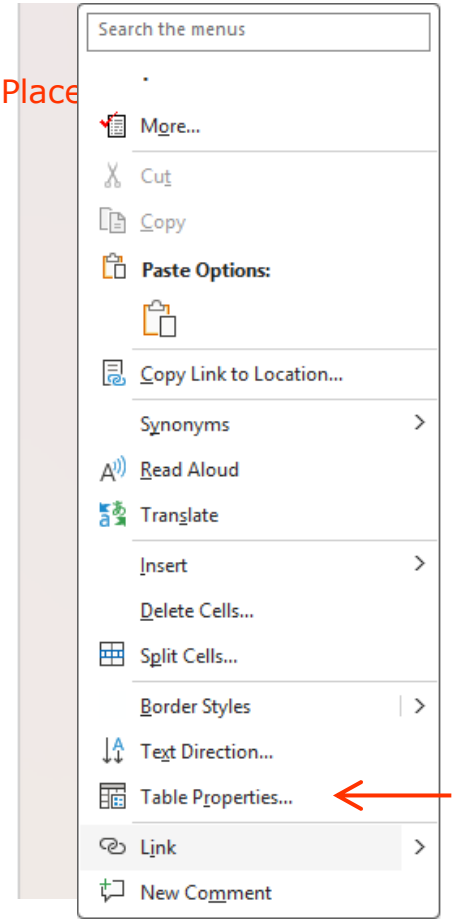
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1) Place



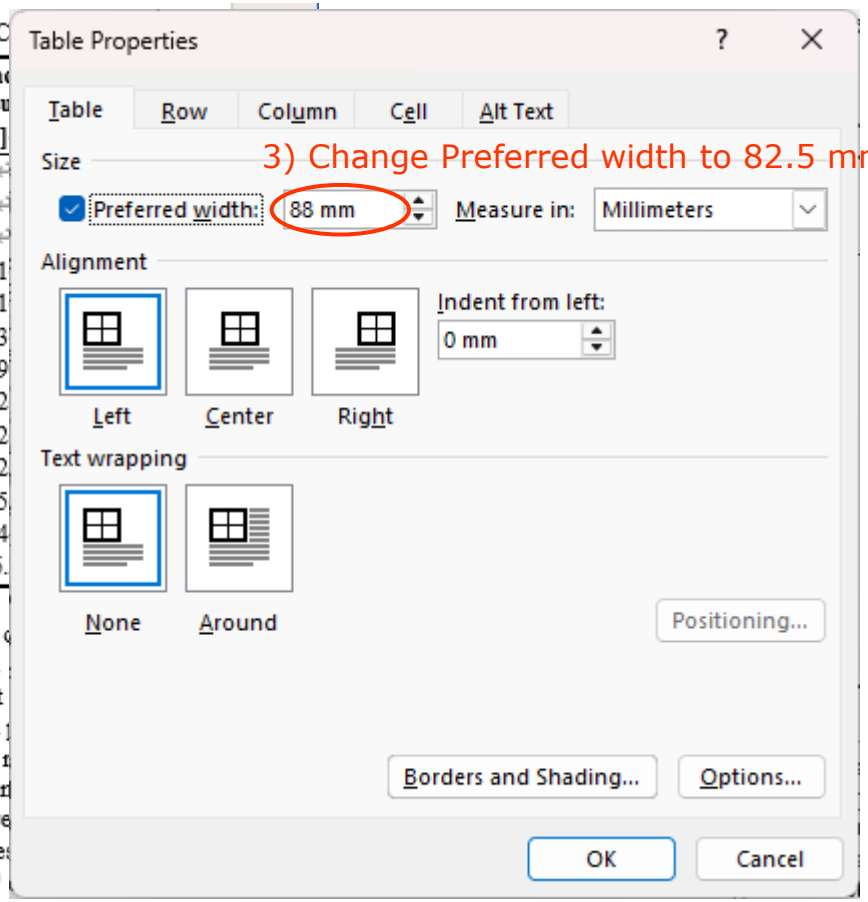
2) Right-Click and select Table Properties ..

In principle: Adjusting Table Width

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Number of lines increases, causing the layout to break.

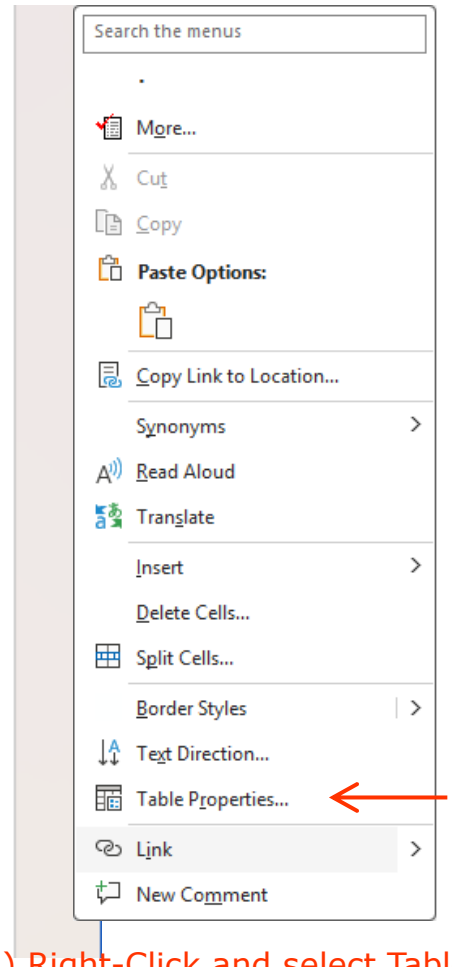
In principle: Adjusting Table Width

1) Place the cursor here

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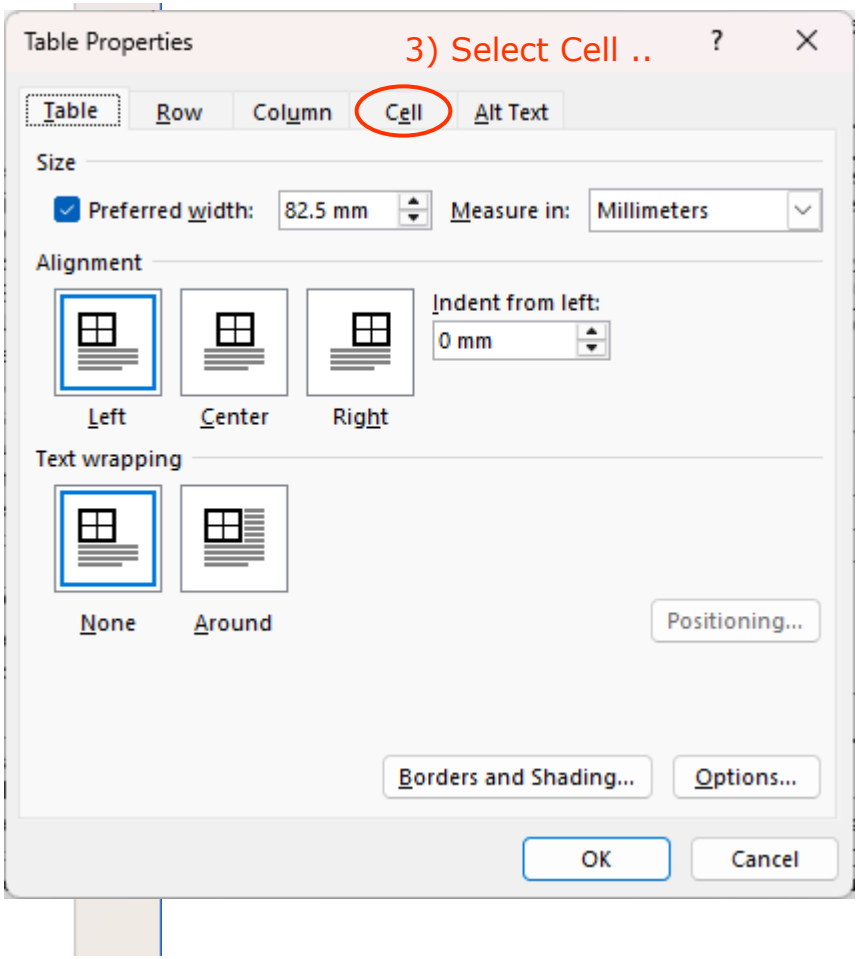
2) Right-Click and select Table Properties ..

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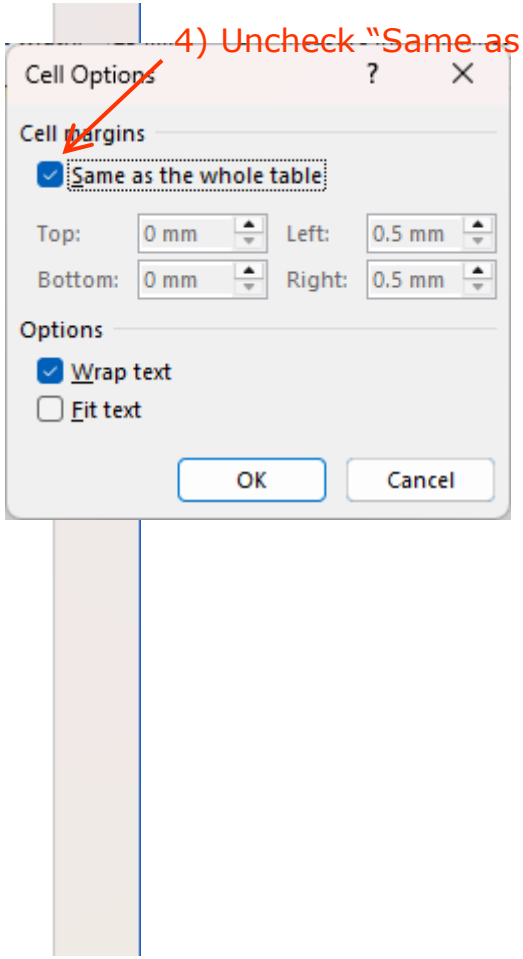
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4) Uncheck "Same as the whole table"

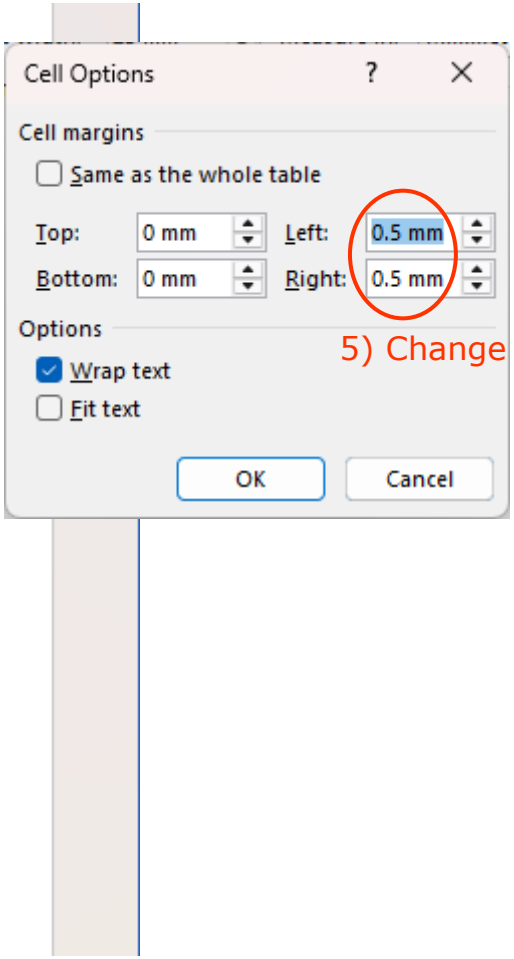


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5) Change the value to 0 mm.

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Number of lines reduced !

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