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Constantine Stephanidis, Masaaki Kurosu, Helmut Degen, Lauren Reinerman-Jones:
HCI International 2020 - Late Breaking Papers: Multimodality and Intelligence - 22nd HCI International Conference, HCII 2020, Copenhagen, Denmark, July 19-24, 2020, Proceedings.
Lecture Notes in Computer Science 12424, Springer 2020, ISBN 978-3-030-60116-4

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