

**PhD thesis**

Lazonder, A. W. (1994). *Minimalist computer documentation: A study on constructive and corrective skills development*. Unpublished doctoral dissertation, University of Twente, Enschede, The Netherlands.

**Inaugural address**

Lazonder, A. (2018). *De jonge onderzoeker* [The young investigator]. Inaugural address, Radboud University, Nijmegen, The Netherlands. <https://repository.ubn.ru.nl/handle/2066/191526>

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## Book chapters

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## Conference papers

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- Lazonder, A. W. (2001). *Efficacy of minimalist instruction to develop self-regulatory skills to search the Web*. Paper presented at the ninth European Conference for Research on Learning and Instruction, Fribourg, Switzerland.
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- Lazonder, A. W. (2003). *Supporting peer interaction in online learning environments*. Paper presented at the tenth European Conference for Research on Learning and Instruction, Padova, Italy.
- De Jong, T., Van Joolingen, W., Ehmke, T., Savelsbergh, E., Lazonder, A. W., & Manlove, S. (2003). *Co-Lab – Collaborative laboratories for Europe*. ICT presentation at the tenth European Conference for Research on Learning and Instruction, Padova, Italy.
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- Lazonder, A., Manlove, S., & De Jong, T. (2007). *Use and usefulness of regulative scaffolds during collaborative inquiry learning*. Paper presented at the twelfth European Conference for Research on Learning and Instruction, August 28–September 1, Budapest, Hungary.
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- Mulder, Y., & Lazonder, A. (2009). *Developing models during scientific inquiry: Guidelines for learner support*. Paper presented at the thirteenth European Conference for Research on Learning and Instruction, August 25–29, Amsterdam, The Netherlands.
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- Mulder, Y. G., Lazonder, A. W., & De Jong, T. (2012). *Using worked examples to scaffold students' understanding of the inquiry learning process*. International Conference of the Learning Sciences, Sydney, Australia, June 2–6, 2012.
- Lazonder, A., Mulder, Y., & Wilhelm, P. (2012). *Simulaties en onderzoekend leren in het primair onderwijs*. Paper presented at the ORD 2012, Wageningen, The Netherlands.
- Lazonder, A., & Van Dijk, A. (2012). *Scaffolding students' use of learner-generated content during an inquiry-based science project*. Paper presented at the EARLI SIG 20 Conference on Computer-Supported Inquiry Learning, Bochum, Germany, August 22–24, 2012.
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- Harmsen, R., & Lazonder, A. (2014). *Ondersteuning voor onderzoekend leren bij kinderen en adolescenten: Een meta-analyse*. Paper presented at the ORD 2014, Groningen, The Netherlands, June 11–13, 2014.
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- Lazonder, A. W., & Harmsen, R. (2014). *Supporting inquiry learning: A meta-analysis*. Paper presented at the EARLI SIG 20 Conference on Computer-Supported Inquiry Learning, Malmö, Sweden, August 18–20, 2014.
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- Janssen, N., & Lazonder, A. (2016). *Leren lesgeven met ICT: Een vergelijking van twee soorten ondersteuning voor het maken van lesplannen*. Paper presented at the ORD 2016, Rotterdam, The Netherlands, May 25–27, 2016.
- Janssen, N., Walraven, A., Lazonder, A., & Gijlers, H. (2016). *Meesterschap: Een 4-fasen model voor het begeleiden van praktijkgericht onderzoek*. Poster presented at the ORD 2016, Rotterdam, The Netherlands, May 25–27, 2016.
- Lazonder, A. (2016). *Scientific reasoning in inquiry-based instruction: Problems and prospects*. Keynote presented at the EARLI SIG 20 Conference on Computer-Supported Inquiry Learning, Ghent, Belgium, August 22–24, 2016.
- Janssen, N., & Lazonder, A. W. (2017). *Technological, pedagogical, and content support for pre-service teachers' lesson planning: A comparison between two types of support*. Paper presented at the seventeenth European Conference for Research on Learning and Instruction, August 29–September 2, Tampere, Finland.
- Lazonder, A., & Janssen, N. (2017). *Performance-based assessment of scientific reasoning in children*. Paper presented at the seventeenth European Conference for Research on Learning and Instruction, August 29–September 2, Tampere, Finland.
- Walraven, A., Janssen, N., Lazonder, A., & Gijlers, H. (2017). *Meesterschap: Een 4-fasen model voor het begeleiden van praktijkgericht onderzoek in het basisonderwijs*. Paper presented at the ORD 2017, June 28–30, Antwerp, Belgium.
- Janssen, N., Walraven, A., & Lazonder, A. (2018). *Meesterschap: Een 4-fasen model voor het begeleiden van praktijkgericht onderzoek in het PO*. Roundtable at the Velon conference 2018, Roermond, March 12–13, 2018.
- Janssen, N., Lazonder, A., Walraven, A., & Gijlers, H. (2018). *A teacher guidance model to facilitate primary school teachers' practitioner research*. Paper presented at the EAPRIL 2018 conference, Portorož, Slovenia, November 12–14, 2018.
- Schlatter, E., Lazonder, A., Molenaar, I., & Janssen, N. (2018). *Relations between cognitive learner characteristics and scientific reasoning proficiency*. Poster presented at the Second Interdisciplinary REASON Spring School 2018, Munich, Germany, March 5–7. (Best poster award)
- Lazonder, A. (2018). *Leren onderzoeken door onderzoekend leren*. Invited talk given at the PWO Netwerkoctend, Nijmegen, March 23.
- Lazonder, A. (2018). *Leren en lesgeven met ICT: Meer werk of meerwaarde?* Keynote given at the Studiedag TECOL project: Technologie ondersteund collaboratief leren, KU Leuven Campus Kulak Kortrijk, Kortrijk, Belgium, April 18.
- Lazonder, A. (2018). *Meta-analysis of inquiry-based learning*. Invited talk given at the International Baccalaureate Organization, Den Haag, May 8.
- Schlatter, E., Lazonder, A., Molenaar, I., & Janssen, N. (2018). *Explaining scientific reasoning in children*. Poster presented at the BSI day, Nijmegen, June 22.
- Schlatter, E., Lazonder, A., Molenaar, I., & Janssen, N. (2019). *Unraveling scientific reasoning: Explaining children's performance in constituent skills*. Paper presented at the eighteenth European Conference for Research on Learning and Instruction, Aachen, Germany, August 11–16, 2019.
- Schlatter, E., Lazonder, A., & Molenaar, I. (2019). *Scientific reasoning in elementary classrooms: In search of children's need for support*. Paper presented at the eighteenth European Conference for Research on Learning and Instruction, Aachen, Germany, August 11–16, 2019.
- Lazonder, A. (2019). *Met de kennis van nu: Feiten en ideeën over de ontwikkeling van 21e-eeuwse vaardigheden in het primair onderwijs*. Keynote given at the conference Meer dan intelligentie: oorzaken van ontwikkelingsproblemen bij kinderen en jongeren. Utrecht, 18 juni 2019.



- Lazonder, A. (2020). *Gestaag of met horten en stoten? De ontwikkeling van 21e-eeuwse vaardigheden in het basisonderwijs*. Invited talk given at the BSI Scholen Netwerkmiddag, Nijmegen, January 31.
- Lazonder, A. (2020). *Effectief onderzoekend leren: Het mysterie ontrafeld?* Invited talk Wetenschapsknooppunt Delft, June 4.
- Horvers, A., Dijkstra, R., Lazonder, A., Bosse, T., & Molenaar, I. (2021). *Combining multimodal data to explore emotion during learning with an ALT*. Paper presented at the Learning Analytics and Knowledge Conference.
- Horvers, A., Molenaar, I., Bosse, T., & Lazonder, A. (2021). *Exploring students' emotions during learning with adaptive learning technology: A multimodal approach*. Paper presented at the nineteenth European Conference for Research on Learning and Instruction, Gothenburg, Sweden, August 23–27, 2021.
- Lazonder, A. (2021). *Onderwijs, omdat het moet*. Invited talk at the seminar recently-appointed professors, Radboud University, Nijmegen, May 28.
- Schlatter, E., Molenaar, I., & Lazonder, A. (2021). *Effects of micro- and macro-adaptive instruction on children's learning of scientific reasoning*. Paper presented at the nineteenth European Conference for Research on Learning and Instruction, Gothenburg, Sweden, August 23–27, 2021.
- Schlatter, E., Molenaar, I., & Lazonder, A. (2021). *The learning of scientific reasoning: A latent transition analysis*. Paper presented at the nineteenth European Conference for Research on Learning and Instruction, Gothenburg, Sweden, August 23–27, 2021.
- Horvers, A., Lazonder, A., Molenaar, I., & Bosse, T. (2022). *Exploring emotional responses to automated feedback: Initial results of a multimodal approach*. Paper presented at the EARLI SIG 27 Conference on Online Measures of Learning Progress. Southampton, United Kingdom, August 30–September 1, 2022.
- Kahmann, R., Droop, M., & Lazonder, A. W. (2022). *Differentiated instruction during inquiry-based science lessons: Dutch teachers' practices*. Poster presented at the joint EARLI SIG 20 & 26 Conference. Utrecht, The Netherlands, September 14–16, 2022.
- De Vink, I. C., Lazonder, A. W., Willemsen, R. H., Schoevers, E. M., & Kroesbergen, E. H. (2022). *The creative mathematical thinking process*. Paper presented at the 12th International Group for Mathematical Creativity and Giftedness Conference, Las Vegas, September 25–28, 2022.
- De Vink, I. C., Willemsen, R. H., Keijzer, R., Lazonder, A. W., & Kroesbergen, E. H. (2022). *Developing creative thinking in geometry education*. Paper presented at the 12th International Group for Mathematical Creativity and Giftedness Conference, Las Vegas, September 25–28, 2022.
- Horvers, A., Lazonder, A., Molenaar, I., & Bosse, T. (2023). *Multimodal data streams to explore emotional responses to immediate feedback in young learners*. Paper presented at the twentieth European Conference for Research on Learning and Instruction, Tessaaloniki, Greece, August 22–26, 2023.
- Horvers, A., Bosse, T., Lazonder, A., & Molenaar, I. (2023). *University students' emotional responses to immediate feedback in adaptive learning technologies*. Paper presented at the twentieth European Conference for Research on Learning and Instruction, Tessaaloniki, Greece, August 22–26, 2023.
- Kahmann, R., Droop, M., & Lazonder, A. (2023). *How to prepare teachers for differentiating their instruction: Findings from a meta-analysis and a multiple-case study*. Paper presented at the twentieth European Conference for Research on Learning and Instruction, Tessaaloniki, Greece, August 22–26, 2023.
- Schlatter, E., Molenaar, I., & Lazonder, A. (2023). *Genuanceerd differentiëren bij onderzoeksvaardigheden*. Paper presented at the ORD 2023, Amsterdam, July 5–7, 2023.
- Willemsen, R., De Vink, I., Kroesbergen, E., & Lazonder, A. (2023). *Strengthening creative problem solving in elementary science education*. Paper presented at the twentieth European Conference for Research on Learning and Instruction, Tessaaloniki, Greece, August 22–26, 2023.
- Lazonder, A. (2023). *Busting the myth of the mean in inquiry learning research*. Webinar EARLI SIG 20, September 22, 2023.
- Lazonder, A. (2023). *Het belang van digitale vaardigheden voor basisschoolleerlingen*. Invited talk at the book release "Typ jij blind? Aan de slag in het basisonderwijs". Nijmegen, October 13, 2023.
- Lazonder, A. (2024). *Recognizing individual differences in studying inquiry-based science education*. Invited talk for the Institute of Science Education, Leibniz University Hannover, Germany, January 17, 2024.