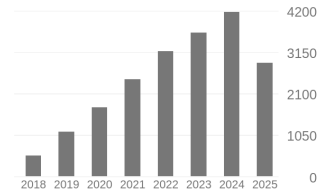


## Publications

### Summary of Scientific Impact

	All	Since 2020
# Publications	96	76
# Citations	20446	18256
h-index	37	36
i10-index	62	61



per Google Scholar, retrieved on September 24<sup>th</sup>, 2025.

## List of Publications

### Journal Articles

1. Dreyer M, Berend J, Labarta T, Vielhaben J, Wiegand T, **Lapuschkin S** and Samek W (2025).  
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29. Samek W, Binder A, Montavon G, **Lapuschkin S**, and Müller K-R (2017).  
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9. Kopf L, Bommer P L, Hedström A, **Lapuschkin S**, Höhne M M-C and Bykov K (2024). "CoSy: Evaluating Textual Explanations of Neurons". In: *Advances in Neural Information Processing Systems (NeuRIPS)* 34656–34685. (OpenReview)  
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11. Mekala R R, Pahde F, Baur S, Chandrashekar S, Diep M, Wenzel M A, Wisotzky E L, Yolcu G Ü, **Lapuschkin S**, Ma J, Eisert P, Lindvall M, Porter A and Samek W (2024). "Synthetic Generation of Dermatoscopic Images with GAN and Closed-Form Factorization". In: *ECCV 2024 Workshop on Synthetic Data for Computer Vision (SyntheticData4CV)* 15642:368–384. (Green Open Access)
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15. Tinauer C, Damulina A, Sackl M, Soellradl M, Achitibat R, Dreyer M, Pahde F, **Lapuschkin S**, Schmidt R, Ropele S, Samek W, Langkammer C (2024). "Explainable Concept Mappings of MRI: Revealing the Mechanisms Underlying Deep Learning-based Brain Disease Classification". In: *Proceedings of the 2nd XAI World Conference* 202–216. (Green Open Access)
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  32. Goh G S W, **Lapuschkin S**, Weber L, Samek W and Binder A (2021).  
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## Books

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“Explainable Artificial Intelligence (Second World Conference, xAI 2024, Valletta, Malta, July 17–19, 2024, Proceedings, Part I-IV)”.  
Springer (Cham), Part I ISBN: 978-3-031-63787-2. Part II ISBN: 978-3-031-63797-1.  
Part III ISBN: 978-3-031-63800-8. Part IV ISBN: 978-3-031-63803-9

## Book Chapters

1. Becking D, Dreyer M, Samek W, Müller K and **Lapuschkin S** (2022).  
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