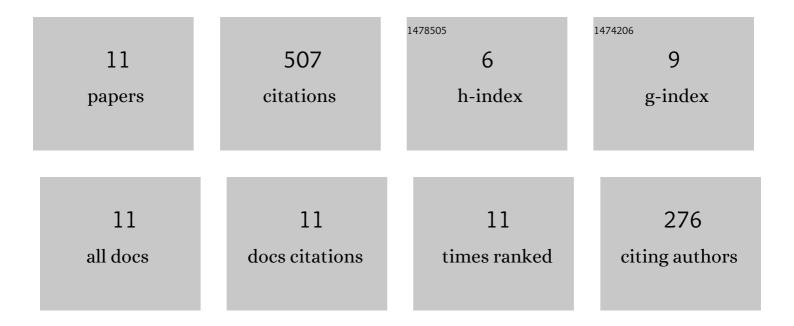
Roger Wood

List of Publications by Year in descending order

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POCER WOOD

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | The Feasibility of Magnetic Recording at 10 Terabits Per Square Inch on Conventional Media. IEEE Transactions on Magnetics, 2009, 45, 917-923. | 2.1 | 427 |
| 2 | Coding and Detection for Rectangular-Grain TDMR Models. IEEE Transactions on Magnetics, 2011, 47, 1705-1711. | 2.1 | 18 |
| 3 | Data Recovery for Multilayer Magnetic Recording. IEEE Transactions on Magnetics, 2019, 55, 1-16. | 2.1 | 14 |
| 4 | Deep Neural Network-Based Detection and Partial Response Equalization for Multilayer Magnetic Recording. IEEE Transactions on Magnetics, 2021, 57, 1-12. | 2.1 | 14 |
| 5 | ISI/ITI Turbo Equalizer for TDMR Using Trained Local Area Influence Probabilistic Model. IEEE Transactions on Magnetics, 2019, 55, 1-15. | 2.1 | 13 |
| 6 | A perspective on deep neural network-based detection for multilayer magnetic recording. Applied Physics Letters, 2021, 119, . | 3.3 | 9 |
| 7 | Maximum Likelihood Detection for 3-D-MAMR. IEEE Transactions on Magnetics, 2019, 55, 1-9. | 2.1 | 5 |
| 8 | Shingled Magnetic Recording (SMR) and Two-Dimensional Magnetic Recording (TDMR). Journal of Magnetism and Magnetic Materials, 2022, 561, 169670. | 2.3 | 5 |
| 9 | Deep Neural Network-based Detection and Partial Response Equalization for Multilayer Magnetic Recording. , 2020, , . | | 1 |
| 10 | Fields From a Magnetized Conical Shell and Quantitative Magnetic Force Microscopy. IEEE Transactions on Magnetics, 2022, 58, 1-9. | 2.1 | 1 |
| 11 | Interpolation of Noisy Measurements in a Coarse Grid: Creating Waveforms for Intermediate Points | 2.1 | 0 |