

# Roger Wood

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5158601/publications.pdf>

Version: 2024-02-01

11  
papers

507  
citations

1478505

6  
h-index

1474206

9  
g-index

11  
all docs

11  
docs citations

11  
times ranked

276  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fields From a Magnetized Conical Shell and Quantitative Magnetic Force Microscopy. IEEE Transactions on Magnetics, 2022, 58, 1-9.	2.1	1
2	Shingled Magnetic Recording (SMR) and Two-Dimensional Magnetic Recording (TDMR). Journal of Magnetism and Magnetic Materials, 2022, 561, 169670.	2.3	5
3	Deep Neural Network-Based Detection and Partial Response Equalization for Multilayer Magnetic Recording. IEEE Transactions on Magnetics, 2021, 57, 1-12.	2.1	14
4	A perspective on deep neural network-based detection for multilayer magnetic recording. Applied Physics Letters, 2021, 119, .	3.3	9
5	Deep Neural Network-based Detection and Partial Response Equalization for Multilayer Magnetic Recording. , 2020, , .		1
6	ISI/ITI Turbo Equalizer for TDMR Using Trained Local Area Influence Probabilistic Model. IEEE Transactions on Magnetics, 2019, 55, 1-15.	2.1	13
7	Data Recovery for Multilayer Magnetic Recording. IEEE Transactions on Magnetics, 2019, 55, 1-16.	2.1	14
8	Maximum Likelihood Detection for 3-D-MAMR. IEEE Transactions on Magnetics, 2019, 55, 1-9.	2.1	5
9	Interpolation of Noisy Measurements in a Coarse Grid: Creating Waveforms for Intermediate Points on $\infty$ -Curves. IEEE Transactions on Magnetics, 2017, 53, 1-4.	2.1	0
10	Coding and Detection for Rectangular-Grain TDMR Models. IEEE Transactions on Magnetics, 2011, 47, 1705-1711.	2.1	18
11	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