

# Doru Thom Popovici

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5875463/publications.pdf>

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9  
papers

100  
citations

2682572

2  
h-index

2550090

3  
g-index

9  
all docs

9  
docs citations

9  
times ranked

103  
citing authors

| # | ARTICLE   | IF   | CITATIONS |
|---|---|------|-----------|
| 1 | SPIRAL: Extreme Performance Portability. Proceedings of the IEEE, 2018, 106, 1935-1968.                               | 21.3 | 58        |
| 2 | Linear Algebraic Formulation of Edge-centric K-truss Algorithms with Adjacency Matrices. , 2018, , .                  |      | 12        |
| 3 | FFTX and SpectralPack: A First Look. , 2018, , .  |      | 9         |
| 4 | Large Bandwidth-Efficient FFTs on Multicore and Multi-socket Systems. , 2018, , .                                     |      | 8         |
| 5 | Compilers, hands-off my hands-on optimizations. , 2016, , .   |      | 5         |
| 6 | Generating Optimized Fourier Interpolation Routines for Density Functional Theory Using SPIRAL. , 2015, , .           |      | 3         |
| 7 | A Flexible Framework for Multidimensional DFTs. SIAM Journal of Scientific Computing, 2020, 42, C245-C264.            | 2.8  | 3         |
| 8 | A systematic approach to improving data locality across Fourier transforms and linear algebra operations. , 2021, , . |      | 1         |
| 9 | Exploiting Symmetries of Small Prime-Sized DFTs. Lecture Notes in Computer Science, 2020, , 162-173.                  | 1.3  | 1         |