

# Alaa R Alameldeen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11289569/publications.pdf>

Version: 2024-02-01

10  
papers

902  
citations

2682572

2  
h-index

2917675

2  
g-index

10  
all docs

10  
docs citations

10  
times ranked

418  
citing authors

#	ARTICLE	IF	CITATIONS
1	Detecting and mitigating data-dependent DRAM failures by exploiting current memory content. , 2017, , .		49
2	The efficacy of error mitigation techniques for DRAM retention failures. , 2014, , .		80
3	The efficacy of error mitigation techniques for DRAM retention failures. Performance Evaluation Review, 2014, 42, 519-532.	0.6	58
4	Improving DRAM performance by parallelizing refreshes with accesses. , 2014, , .		128
5	Redundancy and ECC mechanisms to improve energy efficiency of on-die interconnects. , 2012, , .		0
6	Energy-efficient cache design using variable-strength error-correcting codes. Computer Architecture News, 2011, 39, 461-472.	2.5	25
7	Energy-efficient cache design using variable-strength error-correcting codes. , 2011, , .		92
8	Reducing cache power with low-cost, multi-bit error-correcting codes. , 2010, , .		145
9	Improving cache lifetime reliability at ultra-low voltages. , 2009, , .		126
10	Trading off Cache Capacity for Reliability to Enable Low Voltage Operation. , 2008, , .		199