

Nikolay Chervyakov

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4480970/publications.pdf>

Version: 2024-02-01

7
papers

414
citations

1478505

6
h-index

1720034

7
g-index

8
all docs

8
docs citations

8
times ranked

355
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of the residue number system to reduce hardware costs of the convolutional neural network implementation. <i>Mathematics and Computers in Simulation</i> , 2020, 177, 232-243.	4.4	309
2	Residue-to-binary conversion for general moduli sets based on approximate Chinese remainder theorem. <i>International Journal of Computer Mathematics</i> , 2017, 94, 1833-1849.	1.8	40
3	AC-RRNS: Anti-collusion secured data sharing scheme for cloud storage. <i>International Journal of Approximate Reasoning</i> , 2018, 102, 60-73.	3.3	37
4	Residue Number System-Based Solution for Reducing the Hardware Cost of a Convolutional Neural Network. <i>Neurocomputing</i> , 2020, 407, 439-453.	5.9	13
5	A new model to optimize the architecture of a fault-tolerant modular neurocomputer. <i>Neurocomputing</i> , 2018, 303, 37-46.	5.9	6
6	Efficient Implementation of Cryptography on Points of an Elliptic Curve in Residue Number System. , 2019, , .		2
7	The Study of Monotonic Core Functions and Their Use to Build RNS Number Comparators. <i>Electronics (Switzerland)</i> , 2021, 10, 1041.	3.1	1