Nikolay Chervyakov

List of Publications by Year
in descending order

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