

Deruo Cheng

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

87
citations

2258059

3
h-index

2272923

4
g-index

8
all docs

8
docs citations

8
times ranked

14
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep Learning for Automatic IC Image Analysis. , 2018, , .		23
2	Hybrid \mathcal{K} -Means Clustering and Support Vector Machine Method for via and Metal Line Detections in Delayed IC Images. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 1849-1853.	3.0	18
3	A Hierarchical Multiclassifier System for Automated Analysis of Delayed IC Images. IEEE Intelligent Systems, 2019, 34, 36-43.	4.0	14
4	Deep learning-based image analysis framework for hardware assurance of digital integrated circuits. Microelectronics Reliability, 2021, 123, 114196.	1.7	13
5	Global Template Projection and Matching Method for Training-Free Analysis of Delayed IC Images. , 2019, , .		9
6	Joint Anomaly Detection and Inpainting for Microscopy Images Via Deep Self-Supervised Learning. , 2021, , .		4
7	Delayed IC image analysis with template-based Tanimoto Convolution and Morphological Decision. IET Circuits, Devices and Systems, 2022, 16, 169-177.	1.4	3
8	Deep Learning-Based Image Analysis Framework for Hardware Assurance of Digital Integrated Circuits. , 2020, , .		3