

Santhakumar Sampath

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/980289/publications.pdf>

Version: 2024-02-01

8
papers

171
citations

1307594

7
h-index

1720034

7
g-index

8
all docs

8
docs citations

8
times ranked

104
citing authors

#	ARTICLE	IF	CITATIONS
1	An Overview of Non-Destructive Testing Methods for Integrated Circuit Packaging Inspection. Sensors, 2018, 18, 1981.	3.8	77
2	A Real-Time, Non-Contact Method for In-Line Inspection of Oil and Gas Pipelines Using Optical Sensor Array. Sensors, 2019, 19, 3615.	3.8	21
3	Detection and localization of fatigue crack using nonlinear ultrasonic three-wave mixing technique. International Journal of Fatigue, 2022, 155, 106582.	5.7	18
4	An innovative approach towards defect detection and localization in gas pipelines using integrated in-line inspection methods. Journal of Natural Gas Science and Engineering, 2021, 90, 103933.	4.4	17
5	Evaluation of material degradation using phased array ultrasonic technique with full matrix capture. Engineering Failure Analysis, 2021, 120, 105118.	4.0	14
6	Cubic nonlinearity parameter measurement and material degradation detection using nonlinear ultrasonic three-wave mixing. Ultrasonics, 2022, 121, 106670.	3.9	12
7	Ultrasonic Lamb wave mixing based fatigue crack detection using a deep learning model and higher-order spectral analysis. International Journal of Fatigue, 2022, 163, 107028.	5.7	12
8	Development of novel integrated in-line inspection techniques for pipeline inspection. , 2020, , .		0