

# Soonkyu Hwang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8577562/publications.pdf>

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10  
papers

179  
citations

1163117

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1474206

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docs citations

10  
times ranked

165  
citing authors

#	ARTICLE	IF	CITATIONS
1	Line laser lock-in thermography for instantaneous imaging of cracks in semiconductor chips. Optics and Lasers in Engineering, 2015, 73, 128-136.	3.8	33
2	Continuous Line Laser Thermography for Damage Imaging of Rotating Wind Turbine Blades. Procedia Engineering, 2017, 188, 225-232.	1.2	30
3	Remote Inspection of Internal Delamination in Wind Turbine Blades using Continuous Line Laser Scanning Thermography. International Journal of Precision Engineering and Manufacturing - Green Technology, 2020, 7, 699-712.	4.9	27
4	Continuous-wave line laser thermography for monitoring of rotating wind turbine blades. Structural Health Monitoring, 2019, 18, 1010-1021.	7.5	22
5	Multi-spot laser lock-in thermography for real-time imaging of cracks in semiconductor chips during a manufacturing process. Journal of Materials Processing Technology, 2016, 229, 94-101.	6.3	18
6	Monitoring and instantaneous evaluation of fatigue crack using integrated passive and active laser thermography. Optics and Lasers in Engineering, 2019, 119, 9-17.	3.8	18
7	Steel bridge corrosion inspection with combined vision and thermographic images. Structural Health Monitoring, 2021, 20, 3424-3435.	7.5	15
8	A reference-free micro defect visualization using pulse laser scanning thermography and image processing. Measurement Science and Technology, 2016, 27, 085601.	2.6	12
9	Automated visualization of steel structure coating thickness using line laser scanning thermography. Automation in Construction, 2022, 139, 104267.	9.8	4
10	Active Infrared Thermography for Visualizing Subsurface Micro Voids in an Epoxy Molding Compound. Journal of the Korean Society for Nondestructive Testing, 2017, 37, 106-114.	0.2	0