Munjin Kang

List of Publications by Year
in descending order

12	182	1163117 8	1281871 11
papers	citations	h-index	g-index

12	12	12	143
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Real time estimation of CO2 laser weld quality for automotive industry. Optics and Laser Technology, 2002, 34, 135-142.	4.6	82
2	Real-Time Weld Quality Prediction Using a Laser Vision Sensor in a Lap Fillet Joint during Gas Metal Arc Welding. Sensors, 2020, 20, 1625.	3.8	23
3	Effect of Weld Bead Shape on the Fatigue Behavior of GMAW Lap Fillet Joint in GA 590 MPa Steel Sheets. Metals, 2017, 7, 399.	2.3	15
4	Prediction of Resistance Spot Weld Quality of 780 MPa Grade Steel Using Adaptive Resonance Theory Artificial Neural Networks. Metals, 2018, 8, 453.	2.3	12
5	Fatigue Behaviors of Resistance Spot Welds for 980 MPa Grade TRIP Steel. Metals, 2019, 9, 1086.	2.3	11
6	Prediction of the Weld Qualities Using Surface Appearance Image in Resistance Spot Welding. Metals, 2019, 9, 831.	2.3	10
7	Quality Assessment Method Based on a Spectrometer in Laser Beam Welding Process. Metals, 2020, 10, 839.	2.3	10
8	Weld-Quality Prediction Algorithm Based on Multiple Models Using Process Signals in Resistance Spot Welding. Metals, 2021, 11, 1459.	2.3	8
9	Predicting Failure Modes of Resistance Spot Welds from the Chemical Composition of Materials. Journal of Welding and Joining, 2020, 38, 450-459.	1.3	5
10	Effects of Surface Roughness and Force of Electrode on Resistance Spot Weldability of Aluminum 6061 Alloy. Applied Sciences (Switzerland), 2019, 9, 3958.	2.5	3
11	Prediction of Indentation Depth of Resistance Spot Welding Using Electrode Displacement Signal. Journal of Welding and Joining, 2021, 39, 314-322.	1.3	3
12	Effects of Winding Position and Air Time on Diffusible Hydrogen Content in Weld Metal using Flux Cored Wire. Journal of Welding and Joining, 2020, 38, 441-449.	1.3	0