

# Yu-Jun Xia

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/827731/publications.pdf>

Version: 2024-02-01

8  
papers

130  
citations

1478505

6  
h-index

1588992

8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

69  
citing authors

#	ARTICLE	IF	CITATIONS
1	Online quantitative evaluation of expulsion in resistance spot welding. Journal of Manufacturing Processes, 2019, 46, 34-43.	5.9	36
2	Online measurement of weld penetration in robotic resistance spot welding using electrode displacement signals. Measurement: Journal of the International Measurement Confederation, 2021, 168, 108397.	5.0	24
3	A novel real-time measurement method for dynamic resistance signal in medium-frequency DC resistance spot welding. Measurement Science and Technology, 2020, 31, 055011.	2.6	18
4	Online Precision Measurement of Weld Indentation in Resistance Spot Welding Using Servo Gun. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 4465-4475.	4.7	17
5	Comparative study on resistance and displacement based adaptive output tracking control strategies for resistance spot welding. Journal of Manufacturing Processes, 2021, 63, 98-108.	5.9	16
6	A precision analogue integrator system for heavy current measurement in MFDC resistance spot welding. Measurement Science and Technology, 2016, 27, 025104.	2.6	7
7	Expulsion Intensity Monitoring and Modeling in Resistance Spot Welding Based on Electrode Displacement Signals. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2021, 143, .	2.2	7
8	A Novel Expulsion Control Strategy With Abnormal Condition Adaptability for Resistance Spot Welding. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2021, 143, .	2.2	5