

# Baifan Zhou

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8951416/publications.pdf>

Version: 2024-02-01

11  
papers

205  
citations

1478505

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h-index

1872680

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g-index

11  
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11  
docs citations

11  
times ranked

47  
citing authors

#	ARTICLE	IF	CITATIONS
1	Machine learning with domain knowledge for predictive quality monitoring in resistance spot welding. <i>Journal of Intelligent Manufacturing</i> , 2022, 33, 1139-1163.	7.3	46
2	Ontology-Enhanced Machine Learning: A Bosch Use Case of Welding Quality Monitoring. <i>Lecture Notes in Computer Science</i> , 2020, , 531-550.	1.3	28
3	High accuracy beam splitting using spatial light modulator combined with machine learning algorithms. <i>Optics and Lasers in Engineering</i> , 2019, 121, 227-235.	3.8	21
4	SemML: Facilitating development of ML models for condition monitoring with semantics. <i>Web Semantics</i> , 2021, 71, 100664.	2.9	21
5	Predicting Quality of Automated Welding with Machine Learning and Semantics. , 2020, , .		21
6	Improving Root Cause Analysis by Detecting and Removing Transient Changes in Oscillatory Time Series with Application to a 1,3-Butadiene Process. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 11234-11250.	3.7	15
7	Scaling Usability of ML Analytics with Knowledge Graphs: Exemplified with A Bosch Welding Case. , 2021, , .		13
8	Practical methods for detecting and removing transient changes in univariate oscillatory time series. <i>IFAC-PapersOnLine</i> , 2017, 50, 7987-7992.	0.9	12
9	SemFE. , 2020, , .		12
10	Towards Ontology Reshaping for KG Generation with User-in-the-Loop: Applied to Bosch Welding. , 2021, , .		11
11	Machine learning aided phase retrieval algorithm for beam splitting with an LCoS-SLM. , 2019, , .		5