

# Zhiping Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2980368/publications.pdf>

Version: 2024-02-01

10  
papers

192  
citations

1478280

6  
h-index

1372474

10  
g-index

10  
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10  
docs citations

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times ranked

139  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lightweight porous support structure design for additive manufacturing via knowledge-based bio-inspired volume generation and lattice configuration. <i>Virtual and Physical Prototyping</i> , 2022, 17, 894-918.	5.3	6
2	Stiffness modulation for soft robot joint via lattice structure configuration design. <i>Procedia CIRP</i> , 2021, 100, 732-737.	1.0	2
3	A constructive solid geometry-based generative design method for additive manufacturing. <i>Additive Manufacturing</i> , 2021, 41, 101952.	1.7	10
4	Support point determination for support structure design in additive manufacturing. <i>Additive Manufacturing</i> , 2021, 47, 102341.	1.7	12
5	Bio-inspired generative design for support structure generation and optimization in Additive Manufacturing (AM). <i>CIRP Annals - Manufacturing Technology</i> , 2020, 69, 117-120.	1.7	64
6	Influence of temperature and chloride ion concentration on the corrosion behaviour of Mg-4Al-3Ca-0.5RE alloy. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2019, 70, 1214-1221.	0.8	6
7	Influence of mixed rare earth elements(Y and Ce) on the microstructure and corrosion behaviour of Mg-4Al-3Ca alloy. <i>Materials Research Express</i> , 2019, 6, 016555.	0.8	6
8	Microstructures and corrosion behaviors of squeeze-cast Mg-4Al-2RE and Mg-4Al-0.5RE-Ca (x=0.3, 0.8, and 1.5) alloys. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2018, 69, 1300-1309.	0.8	10
9	Intermediate temperature brittleness and directional coarsening behavior of nickel-based single-crystal superalloy DD6. <i>Materials and Design</i> , 2015, 86, 482-486.	3.3	21
10	Tensile behavior of nickel-base single-crystal superalloy DD6. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2015, 636, 608-612.	2.6	55