

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
all docs

10
docs citations

10
times ranked

139
citing authors

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