

Peng Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

499
citations

1040056

9
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

755
citing authors

#	ARTICLE	IF	CITATIONS
1	Textile strain sensors: a review of the fabrication technologies, performance evaluation and applications. <i>Materials Horizons</i> , 2019, 6, 219-249.	12.2	289
2	Micro-roll forming of stainless steel bipolar plates for fuel cells. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 3861-3875.	7.1	45
3	A nitrogenous pre-intercalation strategy for the synthesis of nitrogen-doped $Ti_{3-x}C_{2-x}MXene$ with enhanced electrochemical capacitance. <i>Journal of Materials Chemistry A</i> , 2021, 9, 6393-6401.	10.3	45
4	Applying a new constitutive model to analyse the springback behaviour of titanium in bending and roll forming. <i>International Journal of Mechanical Sciences</i> , 2017, 128-129, 389-400.	6.7	43
5	Pore-assisted lithium deposition in hierarchically porous and hollow carbon textile for highly stable lithium anode. <i>Journal of Power Sources</i> , 2021, 489, 229464.	7.8	17
6	Investigation on formability of bipolar plates during flexible micro forming of Cu/Ni clad foils. <i>Journal of Manufacturing Processes</i> , 2020, 53, 293-303.	5.9	13
7	Investigation of material failure in micro-stamping of metallic bipolar plates. <i>Journal of Manufacturing Processes</i> , 2022, 73, 54-66.	5.9	13
8	Improving the shear test to determine shear fracture limits for thin stainless steel sheet by shape optimisation. <i>International Journal of Mechanical Sciences</i> , 2019, 164, 105116.	6.7	12
9	Plastic instability and fracture of ultra-thin stainless-steel sheet. <i>International Journal of Solids and Structures</i> , 2020, 202, 699-716.	2.7	11
10	Understanding Size Effects and Forming Limits in the Micro-Stamping of Industrial Stainless Steel Foils. <i>Metals</i> , 2021, 11, 38.	2.3	7
11	Highly stable lithium anodes from recycled hemp textile. <i>Chemical Communications</i> , 2022, 58, 1946-1949.	4.1	4
12	Deformation and Fracture in Micro-stamping Process. <i>Minerals, Metals and Materials Series</i> , 2022, , 61-69.	0.4	0