

# Qin Qin

## List of Publications by Year in descending order

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29  
papers

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citations

1040056

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docs citations

29  
times ranked

140  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanical Properties of Vacancy Tuned Carbon Honeycomb. <i>Nanomaterials</i> , 2019, 9, 156.	4.1	21
2	Effect of Angle, Temperature and Vacancy Defects on Mechanical Properties of PSI-Graphene. <i>Crystals</i> , 2019, 9, 238.	2.2	19
3	Anisotropic and temperature dependent mechanical properties of carbon honeycomb. <i>Nanotechnology</i> , 2019, 30, 325704.	2.6	18
4	Sensitive Five-Fold Local Symmetry to Kinetic Energy of Depositing Atoms in Cu-Zr Thin Film Growth. <i>Materials</i> , 2018, 11, 2548.	2.9	16
5	A simulation study on the multi-pass rolling bond of 316L/Q345R stainless clad plate. <i>Advances in Mechanical Engineering</i> , 2015, 7, 168781401559431.	1.6	14
6	Study on performance degradation and failure analysis of machine gun barrel. <i>Defence Technology</i> , 2020, 16, 362-373.	4.2	13
7	Adsorption and Diffusion of Hydrogen in Carbon Honeycomb. <i>Nanomaterials</i> , 2020, 10, 344.	4.1	11
8	Nonlinear diffusion, bonding, and mechanics of the interface between austenitic steel and iron. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 1464-1470.	2.8	10
9	Enhancement of toughness of SiC through compositing SiC-Al interpenetrating phase composites. <i>Nanotechnology</i> , 2020, 31, 135706.	2.6	10
10	Erosion analysis of machine gun barrel and lifespan prediction under typical shooting conditions. <i>Wear</i> , 2020, 444-445, 203177.	3.1	9
11	Comparative Analysis of Bulge Deformation between 2D and 3D Finite Element Models. <i>Advances in Mechanical Engineering</i> , 2014, 6, 942719.	1.6	7
12	Highly efficient desalination performance of carbon honeycomb based reverse osmosis membranes unveiled by molecular dynamics simulations. <i>Nanotechnology</i> , 2021, 32, .	2.6	7
13	Improvement of three - dimensional bulge deformation model for continuous casting slab. <i>Journal of Manufacturing Processes</i> , 2020, 55, 57-65.	5.9	6
14	Finite element simulation of bulge deformation for slab continuous casting. <i>International Journal of Advanced Manufacturing Technology</i> , 2017, 93, 4357-4370.	3.0	4
15	Investigation of a Coupled Arrhenius-Type/Rossard Equation of AH36 Material. <i>Materials</i> , 2017, 10, 407.	2.9	4
16	Constitutive investigation based on the time-hardening model for AH36 material in continuous casting process. <i>Advances in Mechanical Engineering</i> , 2018, 10, 168781401775068.	1.6	4
17	Research on Genetic Characteristics of Slab Bulge in Continuous Casting Process. <i>Applied Mechanics and Materials</i> , 0, 157-158, 1021-1024.	0.2	3
18	The effect of roll with passive segment on the planetary rolling process. <i>Advances in Mechanical Engineering</i> , 2015, 7, 168781401557101.	1.6	3

#	ARTICLE	IF	CITATIONS
19	Failure Analysis of High-Temperature Wear Mechanism of Chromium-Plated Steel with Different Matrix Hardness. Journal of Failure Analysis and Prevention, 2019, 19, 1370-1379.	0.9	3
20	Analysis of the Influence of Segmented Rollers on Slab Bulge Deformation. Metals, 2019, 9, 231.	2.3	3
21	Control and optimization of bulge defect in incremental forming of cu-Al bimetal. International Journal of Material Forming, 0, , 1.	2.0	2
22	Research on creep material models and bulging of cast slab. , 2010, , .		1
23	Structure optimization for link suspension system of a 180t BOF vessel. , 2009, , .		0
24	Optimal design of mechanism parameters of rolling-cut type cut-to-length shears. , 2010, , .		0
25	Process research on cogging rolling of H beam. , 2010, , .		0
26	Study on modal flexibility and sensitivity to parameters in the main drive system of rolling mill. , 2010, , .		0
27	Structure parameter selection in rolls during hot rolling. , 2011, , .		0
28	Reverse Process Design Method Based on Recrystallization Models of CMn Steel. Materials Transactions, 2016, 57, 1520-1525.	1.2	0
29	Investigation on the high temperature mechanical behavior of AH36 slab. AIP Conference Proceedings, 2017, , .	0.4	0