

Chengsong Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7912273/publications.pdf>

Version: 2024-02-01

19
papers

218
citations

1163117

8
h-index

996975

15
g-index

19
all docs

19
docs citations

19
times ranked

236
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of elemental doping on the catalytic activity of ABO ₃ perovskite oxides during low-pressure gas nitriding. Applied Surface Science, 2021, 542, 148706.	6.1	13
2	A review of progress on high nitrogen austenitic stainless-steel research. Materials Express, 2021, 11, 1901-1925.	0.5	7
3	Catalytic behavior of LaFeO ₃ perovskite oxide during low-pressure gas nitriding. Applied Surface Science, 2020, 506, 145045.	6.1	17
4	Enhanced Mechanical Properties of Sintered Iron via Cyclic Induction Heat Treatment. Russian Journal of Physical Chemistry A, 2020, 94, 2696-2702.	0.6	1
5	Low-pressure gas nitriding of AISI 304 austenitic stainless steel: reducing the precipitation of chromium nitrides. Materials Research Express, 2020, 7, 066406.	1.6	5
6	Enhancing Mechanical Properties of the Spark Plasma Sintered Inconel 718 Alloy by Controlling the Nano-Scale Precipitations. Materials, 2019, 12, 3336.	2.9	19
7	Improvement in Surface Properties of M50NiL Steel by Plasma Nitriding with Rare Earth Addition. Journal of Failure Analysis and Prevention, 2019, 19, 1420-1427.	0.9	6
8	Failure Analysis of an Automobile Coil Spring in High-Stress State. Journal of Failure Analysis and Prevention, 2019, 19, 361-368.	0.9	12
9	Comparison of Microstructure and Mechanical Properties of Sintered $\hat{1}^3$ -(Fe-Ni-P) Alloys with Abundant P Doping. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2019, 50, 2580-2584.	2.2	3
10	Highly microporous carbon with nitrogen-doping derived from natural biowaste for high-performance flexible solid-state supercapacitor. Journal of Colloid and Interface Science, 2019, 548, 322-332.	9.4	80
11	Low-temperature gas nitriding of AISI 4140 steel accelerated by LaFeO ₃ perovskite oxide. Applied Surface Science, 2019, 466, 989-999.	6.1	25
12	A novel crack healing in steels by gas nitrocarburizing. Applied Surface Science, 2018, 442, 437-445.	6.1	9
13	Failure Analysis of Insulator Iron Cap in Low Stress State. Journal of Failure Analysis and Prevention, 2018, 18, 828-836.	0.9	0
14	Effects of Cu on Microstructures, Mechanical, and Magnetic Properties of Fe $\hat{1}$ -Ni $\hat{1}$ -P Alloys Fabricated by Liquid Phase Sintering. Advanced Engineering Materials, 2018, 20, 1700404.	3.5	3
15	Surface Martensite Strengthening of Ultra $\hat{1}$ fine Porous Iron. Steel Research International, 2018, 89, 1700357.	1.8	3
16	Fabrication and corrosion resistance of super-thick compound layer by austenitic gas oxynitrocarburizing. Journal of Alloys and Compounds, 2018, 765, 1099-1110.	5.5	2
17	Preparation and properties of CNT reinforced Fe $\hat{1}$ -Ni $\hat{1}$ -P composites fabricated by liquid phase sintering. Modern Physics Letters B, 2018, 32, 1850226.	1.9	0
18	Study on Microstructure and Properties of 20MnMoNb Steel by Gas Oxynitriding. Journal of Failure Analysis and Prevention, 2017, 17, 154-158.	0.9	1

#	ARTICLE	IF	CITATIONS
19	Failure and Fracture Analysis of Bolt Assembled on the Fan Used in the Internal Combustion Engine. Journal of Failure Analysis and Prevention, 2016, 16, 302-309.	0.9	12