

# 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	Highly microporous carbon with nitrogen-doping derived from natural biowaste for high-performance flexible solid-state supercapacitor. <i>Journal of Colloid and Interface Science</i> , 2019, 548, 322-332.	9.4	80
2	Low-temperature gas nitriding of AISI 4140 steel accelerated by LaFeO <sub>3</sub> perovskite oxide. <i>Applied Surface Science</i> , 2019, 466, 989-999.	6.1	25
3	Enhancing Mechanical Properties of the Spark Plasma Sintered Inconel 718 Alloy by Controlling the Nano-Scale Precipitations. <i>Materials</i> , 2019, 12, 3336.	2.9	19
4	Catalytic behavior of LaFeO <sub>3</sub> perovskite oxide during low-pressure gas nitriding. <i>Applied Surface Science</i> , 2020, 506, 145045.	6.1	17
5	Effect of elemental doping on the catalytic activity of ABO <sub>3</sub> perovskite oxides during low-pressure gas nitriding. <i>Applied Surface Science</i> , 2021, 542, 148706.	6.1	13
6	Failure and Fracture Analysis of Bolt Assembled on the Fan Used in the Internal Combustion Engine. <i>Journal of Failure Analysis and Prevention</i> , 2016, 16, 302-309.	0.9	12
7	Failure Analysis of an Automobile Coil Spring in High-Stress State. <i>Journal of Failure Analysis and Prevention</i> , 2019, 19, 361-368.	0.9	12
8	A novel crack healing in steels by gas nitrocarburizing. <i>Applied Surface Science</i> , 2018, 442, 437-445.	6.1	9
9	A review of progress on high nitrogen austenitic stainless-steel research. <i>Materials Express</i> , 2021, 11, 1901-1925.	0.5	7
10	Improvement in Surface Properties of M50NiL Steel by Plasma Nitriding with Rare Earth Addition. <i>Journal of Failure Analysis and Prevention</i> , 2019, 19, 1420-1427.	0.9	6
11	Low-pressure gas nitriding of AISI 304 austenitic stainless steel: reducing the precipitation of chromium nitrides. <i>Materials Research Express</i> , 2020, 7, 066406.	1.6	5
12	Effects of Cu on Microstructures, Mechanical, and Magnetic Properties of Fe-Ni-P Alloys Fabricated by Liquid Phase Sintering. <i>Advanced Engineering Materials</i> , 2018, 20, 1700404.	3.5	3
13	Surface Martensite Strengthening of Ultra-fine Porous Iron. <i>Steel Research International</i> , 2018, 89, 1700357.	1.8	3
14	Comparison of Microstructure and Mechanical Properties of Sintered $\hat{3}$ -(Fe-Ni-P) Alloys with Abundant P Doping. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2019, 50, 2580-2584.	2.2	3
15	Fabrication and corrosion resistance of super-thick compound layer by austenitic gas oxynitrocarburizing. <i>Journal of Alloys and Compounds</i> , 2018, 765, 1099-1110.	5.5	2
16	Study on Microstructure and Properties of 20MnMoNb Steel by Gas Oxynitriding. <i>Journal of Failure Analysis and Prevention</i> , 2017, 17, 154-158.	0.9	1
17	Enhanced Mechanical Properties of Sintered Iron via Cyclic Induction Heat Treatment. <i>Russian Journal of Physical Chemistry A</i> , 2020, 94, 2696-2702.	0.6	1
18	Failure Analysis of Insulator Iron Cap in Low Stress State. <i>Journal of Failure Analysis and Prevention</i> , 2018, 18, 828-836.	0.9	0

#	ARTICLE	IF	CITATIONS
19	Preparation and properties of CNT reinforced Fe-Ni-P composites fabricated by liquid phase sintering. Modern Physics Letters B, 2018, 32, 1850226.	1.9	0