

# Jian Wang

## List of Publications by Year in descending order

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14  
papers

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citations

1163117

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1125743

13  
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15  
docs citations

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times ranked

53  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of boron on dissolution and repairing behavior of passive film on S31254 super-austenitic stainless steel immersed in H <sub>2</sub> SO <sub>4</sub> solution. <i>Journal of Iron and Steel Research International</i> , 2022, 29, 1012-1025.	2.8	15
2	First-principles study of boron segregation in fcc-Fe grain boundaries and its influence on interface adhesive strength. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2021, 70, 166401.	0.5	3
3	Effect of titanium addition on the oxidation resistance of Fe-13Cr-5Al-0.3Ti alloy in air between 700 Å°C-1100 Å°C. <i>Materials Research Express</i> , 2021, 8, 046525.	1.6	1
4	The Effects of Co and W on Structural Stability and Mechanical Properties of Austenitic Heat-Resistant Steel Sanicro 25: A First-Principle Study. <i>Metals</i> , 2020, 10, 1051.	2.3	3
5	Effects of B on the Segregation Behavior of Mo at the Fe-Cr(111)/Cr <sub>2</sub> O <sub>3</sub> (0001) Interface: A First-Principles Study. <i>Metals</i> , 2020, 10, 577.	2.3	6
6	The precipitation control of grain boundary M <sub>23</sub> C <sub>6</sub> phases and the ductility improvement in aged 22Cr-25Ni-WCuNbN austenitic stainless steel by Co addition. <i>Materials Letters</i> , 2020, 264, 127348.	2.6	13
7	Composition Optimum Design and Strengthening and Toughening Mechanisms of New Alumina-Forming Austenitic Heat-Resistant Steels. <i>Metals</i> , 2019, 9, 921.	2.3	5
8	Effect of B addition on the microstructure and corrosion resistance of S31254 super austenitic stainless steels after solid solution treatment. <i>Materials Letters</i> , 2019, 252, 60-63.	2.6	30
9	Effects of B on the segregation of Mo at the Fe-Cr-Ni-5(210) grain boundary. <i>Physica B: Condensed Matter</i> , 2019, 568, 25-30.	2.7	16
10	Effect of Solution Treatment on the Microstructure and Performance of S31254 Super Austenitic Stainless Steel. <i>Steel Research International</i> , 2019, 90, 1900041.	1.8	8
11	The Mechanism on the B Addition to Regulate Phase Precipitation and Improve Intergranular Corrosion Resistance in UNS S31254 Superaustenitic Stainless Steels. <i>Journal of the Electrochemical Society</i> , 2019, 166, C600-C608.	2.9	14
12	Corrosion Behavior Difference in Initial Period for Hot-Rolled and Cold-Rolled 2205 Duplex Stainless Steels. <i>Metals</i> , 2018, 8, 407.	2.3	5
13	Effect of Boron Addition on the Precipitation Behavior of S31254. <i>Metals</i> , 2018, 8, 497.	2.3	23
14	Chi Phase after Short-term Aging and Corrosion Behavior in 2205 Duplex Stainless Steel. <i>Journal of Iron and Steel Research International</i> , 2016, 23, 1071-1079.	2.8	19